

LEGEND :

- PROFILE :**
- PROF. LEVELLING
 - EXIST. ROAD LEVEL
 - EXIST. GROUND LEVEL
 - LEFT TOE LEVEL
 - RIGHT TOE LEVEL
 - ANCH. TOE LEVEL
 - VERT. TANGENT POINT
 - PROPOSED WALL
 - PROPOSED ROAD

Propose Box Culvert No 91/3
Size : 1/43/0
Chainage : 92443
Imp. Type : Re-Construction

Propose Box Culvert No 98/4
Size : 1/32/0
Chainage : 92597
Imp. Type : Re-Construction



CHAINAGE	ST. PROFILE (M)	VERTICAL ALIGNMENT	HORIZONTAL ALIGNMENT	PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	EXIST. VPI'S
92360.000				1045.905	1028.041	
92370.000				1045.315	1027.835	
92380.000				1046.352	1027.629	
92390.000				1044.982	1027.423	
92400.000				1042.589	1027.213	
92410.000				1040.196	1026.985	
92420.000				1037.750	1026.737	
92430.000				1036.161	1026.470	
92440.000				1027.873	1026.183	
92450.000				1029.954	1025.875	
92460.000				1028.203	1025.548	
92470.000				1036.410	1025.202	
92480.000				1035.751	1024.835	
92490.000				1033.044	1024.449	
92500.000				1030.754	1024.043	
92510.000				1030.423	1023.613	
92520.000				1030.128	1023.175	
92530.000				1029.835	1022.731	
92540.000				1029.541	1022.288	
92550.000				1029.248	1021.844	
92560.000				1028.984	1021.400	
92570.000				1027.347	1020.957	
92580.000				1026.210	1020.513	
92590.000				1022.563	1020.070	
92600.000				1020.660	1019.626	
92610.000				1023.866	1019.182	
92620.000				1028.183	1018.739	
92630.000				1031.250	1018.295	
92640.000				1033.380	1017.852	
92650.000				1027.620	1017.408	
92660.000				1023.414	1016.965	
92670.000				1020.053	1016.521	
92680.000				1017.080	1016.077	
92690.000				1017.537	1015.634	
92700.000				1017.193	1015.190	
92710.000				1016.573	1014.747	
92720.000				1015.372	1014.303	
92730.000				1019.306	1013.859	
92740.000				1016.361	1013.416	
92750.000				1018.664	1012.972	
92760.000				1019.044	1012.529	
92770.000				1017.904	1012.085	
92780.000				1015.716	1011.641	
92790.000				1014.778	1011.198	
92800.000				1013.835	1010.754	
92810.000				1012.823	1010.311	
92820.000				1011.853	1009.867	
92830.000				1011.330	1009.423	
92840.000				1011.835	1008.980	
92850.000				1014.600	1008.536	
92860.000				1020.743	1008.093	

200 GSB + 250 W/M + 105 CRBM + 40 E.C.



LEGEND :



Datum : 989M

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAVEMENT	SURFACE ELEVATION	CHAINAGE
1020.743	1008.993					92860.000
1023.161	1007.649					92870.000
1016.716	1007.205					92880.000
1016.382	1006.762					92890.000
1020.986	1006.318					92900.000
1021.010	1005.875					92910.000
1019.894	1005.431					92920.000
1020.034	1004.983					92930.000
1020.275	1004.521					92940.000
1019.333	1004.046					92950.000
1017.165	1003.557					92960.000
1008.721	1003.055					92970.000
1005.994	1002.539					92980.000
1005.628	1002.009					92990.000
1015.668	1001.466					93000.000
1017.339	1000.909					93010.000
1016.058	1000.339					93020.000
1014.948	999.759					93030.000
1015.244	999.179					93040.000
1015.772	998.599					93050.000
1014.706	998.019					93060.000
1012.159	997.440					93070.000
1009.612	996.860					93080.000
1008.014	996.280					93090.000
1006.468	995.700					93100.000
1005.281	995.120					93110.000
1004.604	994.540					93120.000
1003.927	993.960					93130.000
1004.089	993.381					93140.000
1004.328	992.801					93150.000
1004.909	992.221					93160.000
1010.091	991.641					93170.000
1010.212	991.061					93180.000
1009.850	990.481					93190.000
1009.488	989.902					93200.000
1009.126	989.341					93210.000
1008.764	988.808					93220.000
1008.402	988.303					93230.000
1007.941	987.825					93240.000
1007.340	987.375					93250.000
1006.719	986.952					93260.000
1006.122	986.538					93270.000
998.960	986.124					93280.000
984.766	985.710					93290.000
985.153	985.296					93300.000
984.572	984.881					93310.000
987.612	984.467					93320.000
991.408	984.053					93330.000
992.940	983.639					93340.000
992.371	983.225					93350.000
991.607	982.811					93360.000

Propose Box Culvert No 93/5
Size : 1/23/0
Chainage : 92980
Imp Type : Re-Construction

Propose Box Culvert No 94/1
Size : 1/22/0
Chainage : 93160
Imp Type : Re-Construction

Propose Box Culvert No 94/2
Size : 1/22/0
Chainage : 93300
Imp Type : Re-Construction



Client : K & J Projects Pvt. Ltd.

Consultant : K & J Projects Pvt. Ltd.

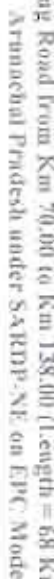
Project Name : Joram-Koloriang Road

Consultancy Services for preparation of Detailed Project report for 2-laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARMP-NE on EPC Mode

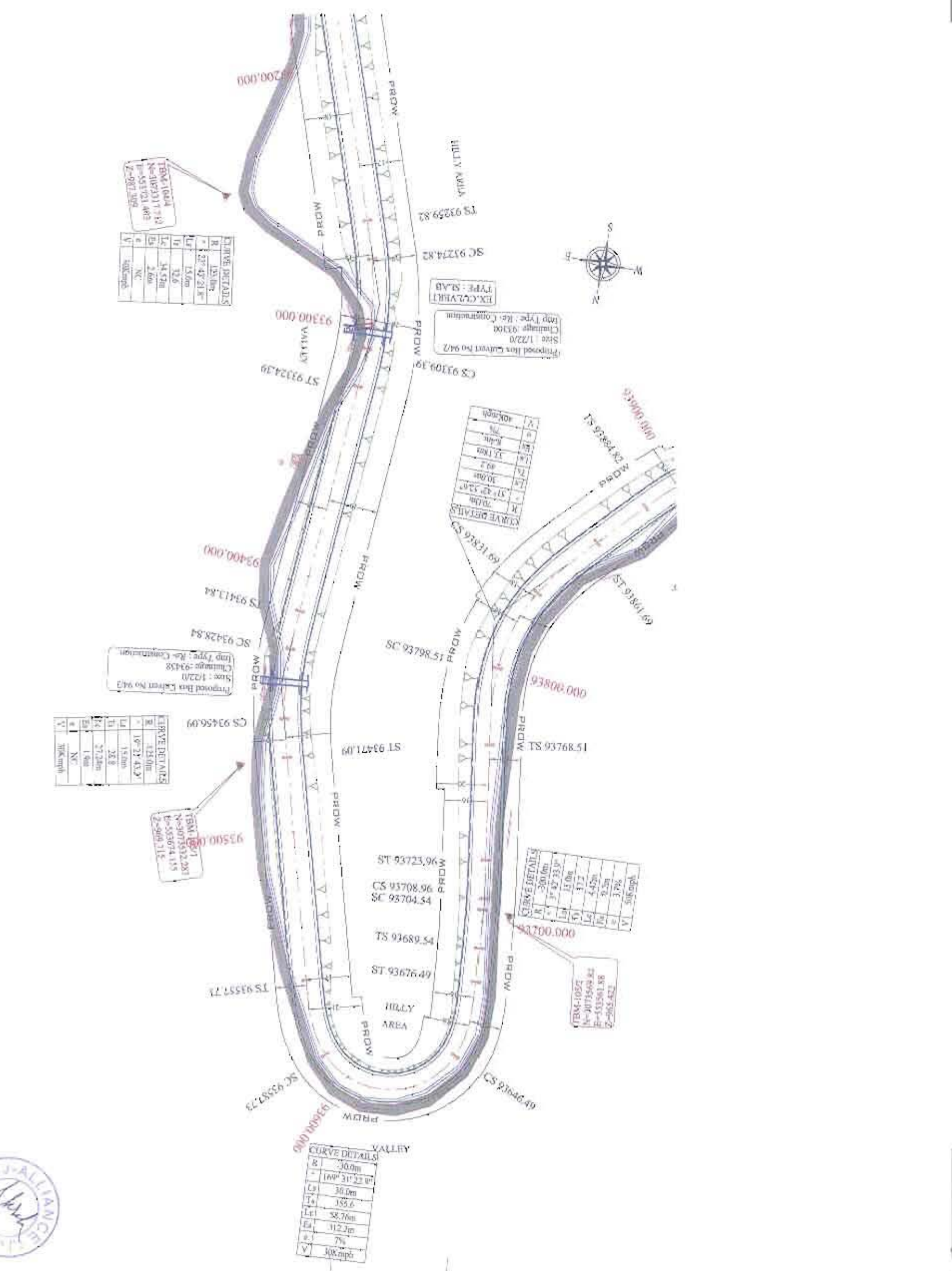
Longitudinal Profile

Scale : 1:1000 (H) 1:1000 (V)

Date : 10/10/2023

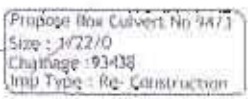


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PROFILE.

REFLECTING WALL



LEGEND:
PLAN: PROPOSED

- TOE LINE
- SH EDGE
- CH EDGE
- CEN LINE
- CAN EDGE
- 3M EDGE
- HIGH TANGENT P.S.
- PROPOSED
- OPEN DRAIN
- FOOTPATH
- BRIDGE
- BOX CULVERT
- BREAST WALL
- RETAINING WALL
- EXISTING
- CW EDGE
- EXIST ROAD
- RIVER
- EX BRIDGE
- CULVERT
- DRAIN
- CROSS ROAD
- WATERMETER POST
- EP
- ITP
- STRUCTURE
- FENCE
- RETAINING WALL
- BREAST WALL

CURVE DETAILS

R	30.0m
Ls	165° 44' 46.0"
Ts	30.0m
Lc	264.7
Es	56.78m
V	221.8m
V	7%
V	30Kmph

Proposed Box Culvert No. 934
Span: 1x12.0
Clearance: 3.0m
Type: Type A-1

TRM-1053
N-3073418.01
E-531408.540
Z-997.512

CURVE DETAILS

R	30.0m
Ls	165° 44' 46.0"
Ts	30.0m
Lc	264.7
Es	56.78m
V	221.8m
V	7%
V	30Kmph

EXCULVERT
TYPE: SLAB

CURVE DETAILS

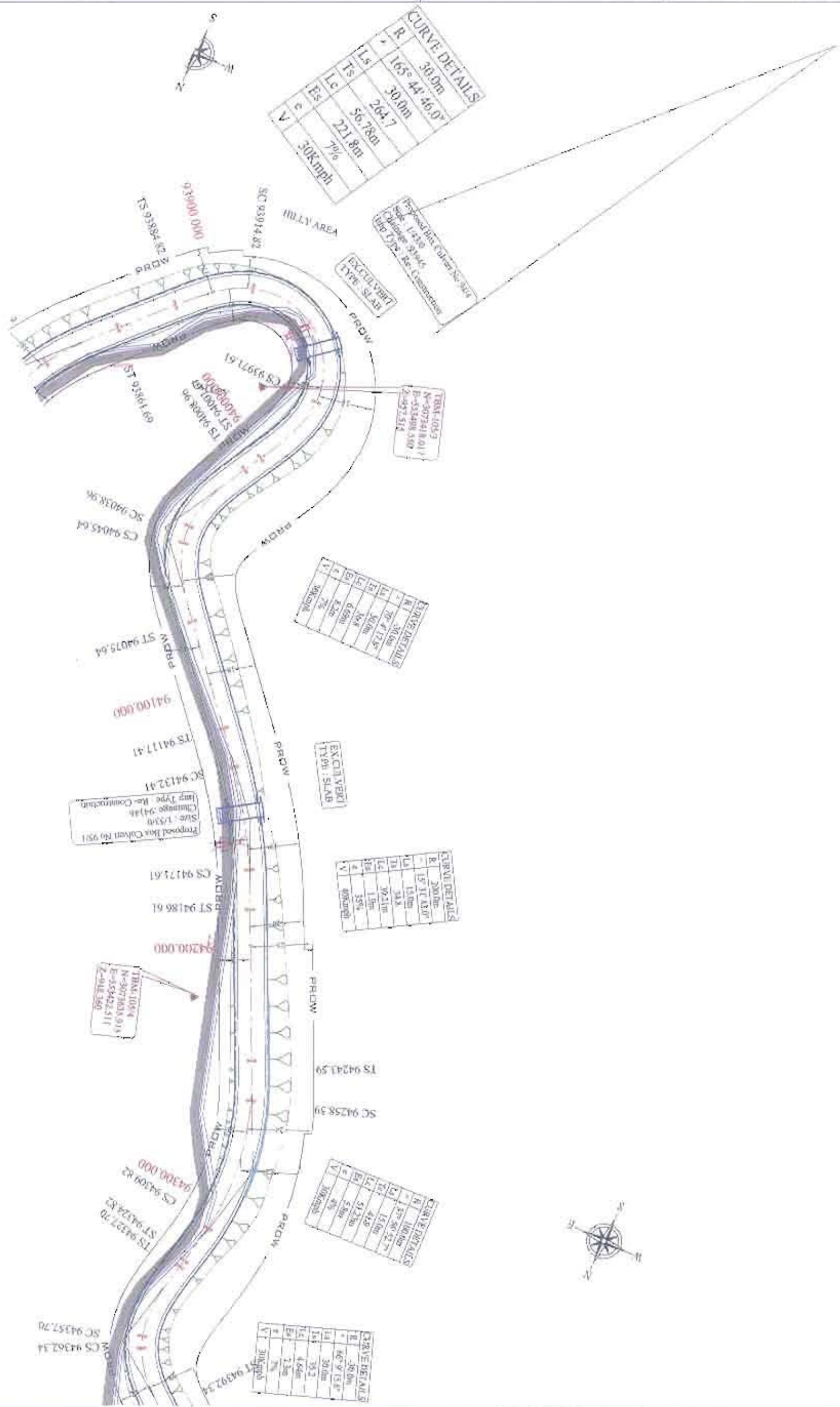
R	200.0m
Ls	15° 11' 13.0"
Ts	15.0m
Lc	34.3
Es	39.21m
V	1.5m
V	35%
V	40Kmph

CURVE DETAILS

R	100.0m
Ls	57° 30' 22.7"
Ts	15.0m
Lc	4.4m
Es	51.3m
V	5.8m
V	4%
V	30Kmph

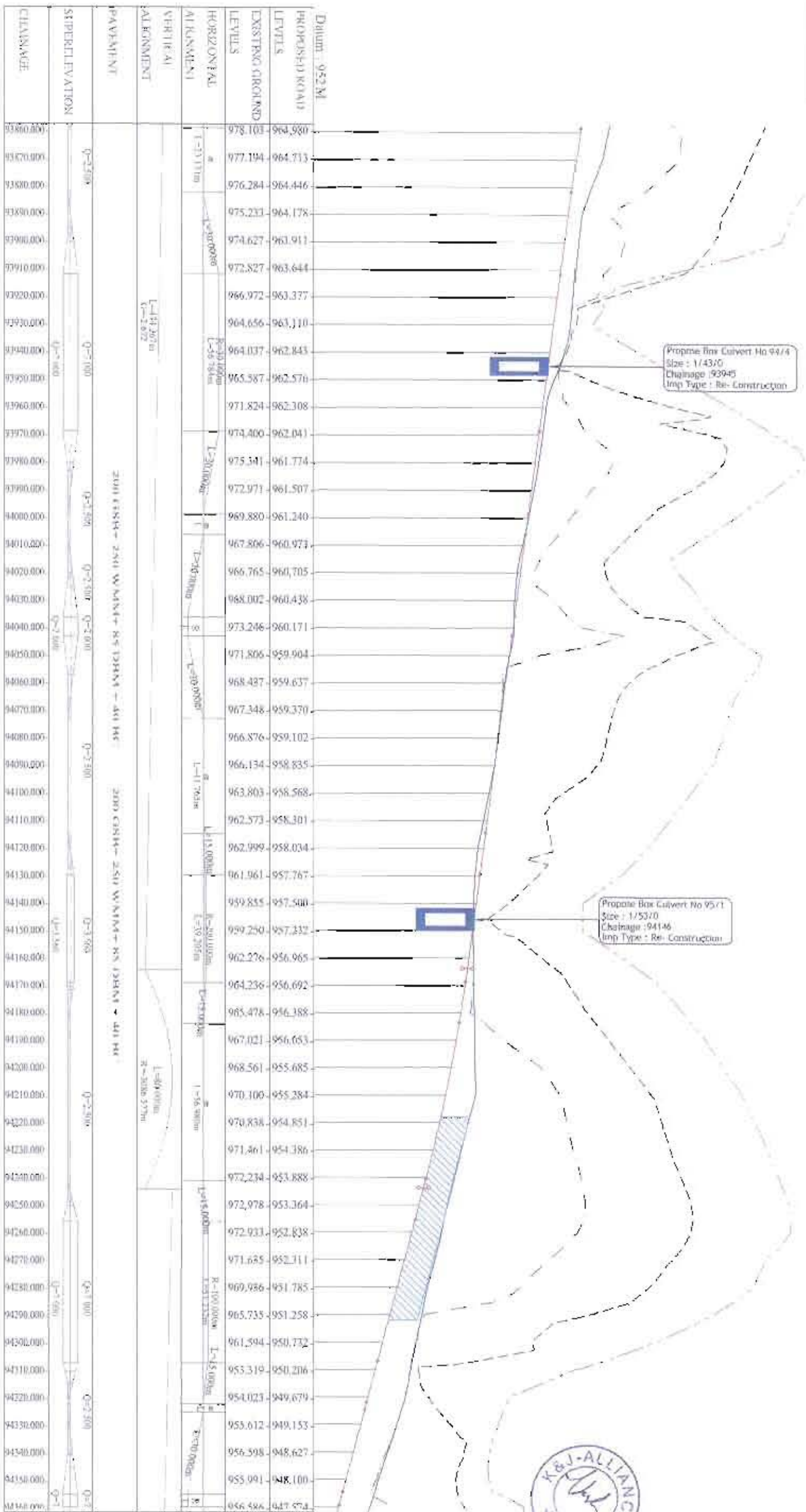
CURVE DETAILS

R	30.0m
Ls	46° 9' 15.8"
Ts	30.0m
Lc	39.2
Es	4.6m
V	1.3m
V	7%
V	30Kmph

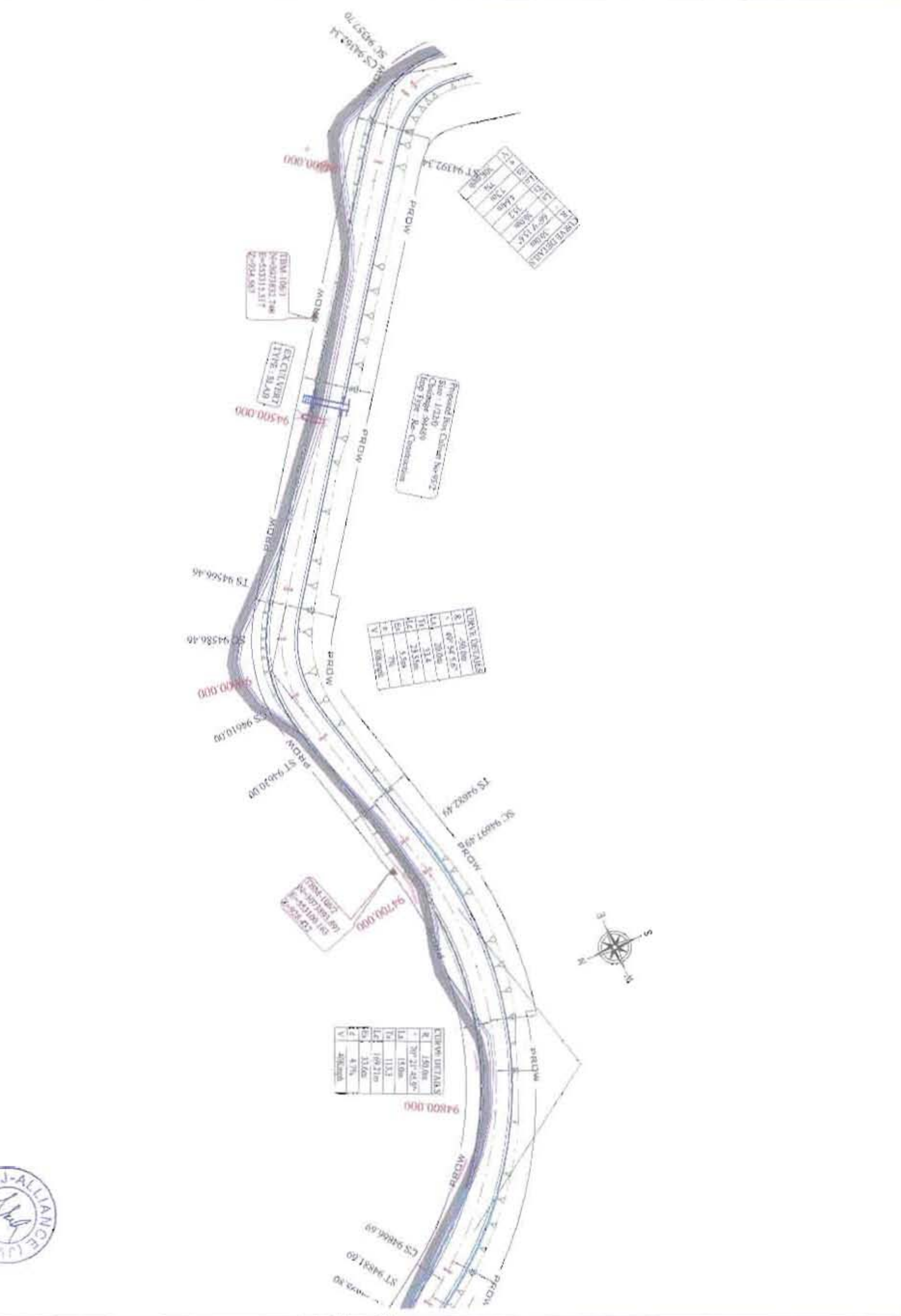


LEGEND:

- PROFILES:**
- PROPOSED LEVEL/ROAD
 - EXISTING ROAD LEVEL
 - EXISTING LEVEL AT PROPOSED
 - LEFT TIE LEVEL
 - RIGHT TIE LEVEL
 - VERT. TANGENT POINT
 - RETAINING WALL
 - BRIDGE WALL



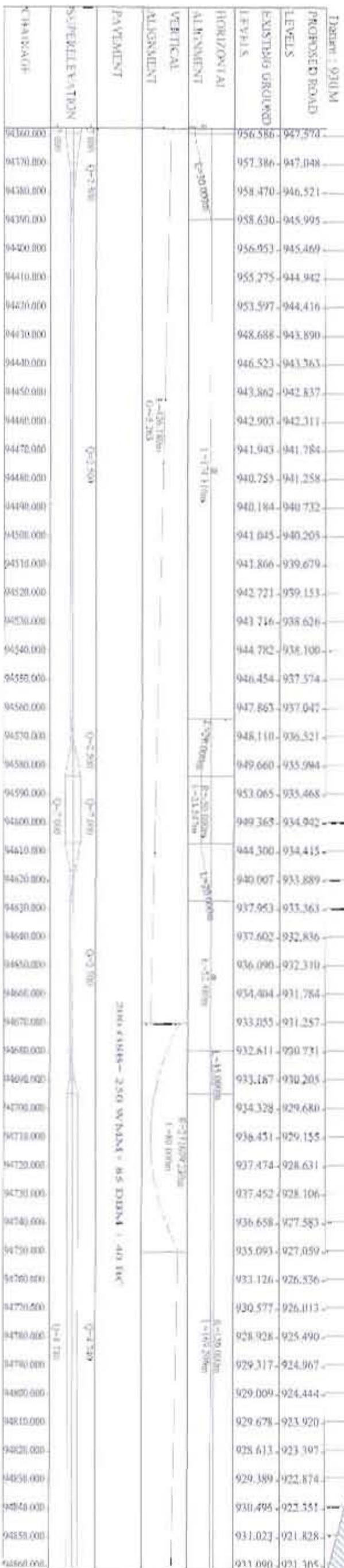
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LEGEND:

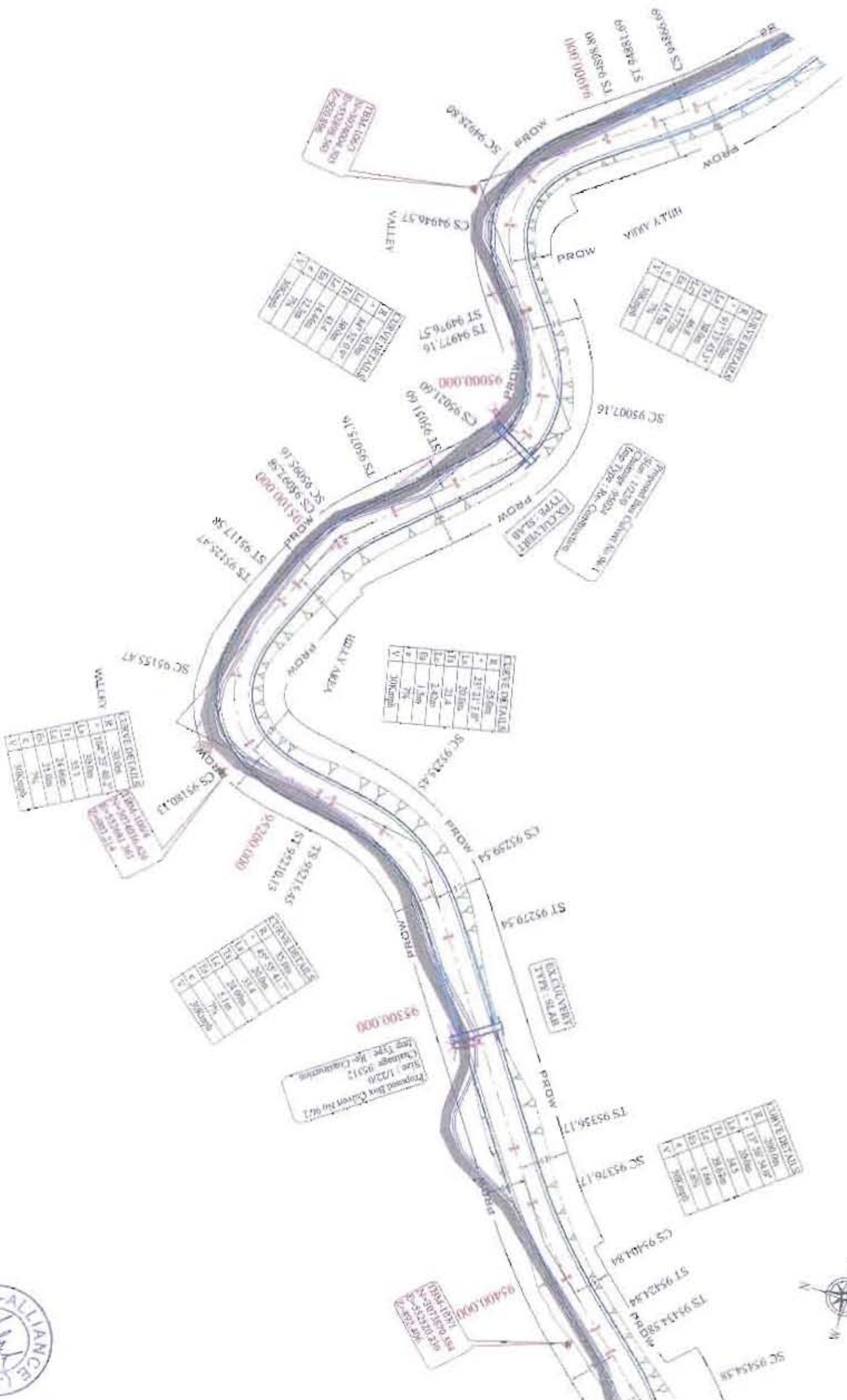
- PROFILE:
- PROPOSED ELEVATION
 - EXISTING ROAD LEVEL
 - RIGHT SIDE OF ROAD
 - LEFT SIDE OF ROAD
 - RIGHT SIDE OF ROAD
 - LEFT SIDE OF ROAD
 - VERT. TANGENT POINT
 - BRIDGE WALL
 - RETAINING WALL

Proposed Box Culvert No. 95/2
Size : 1/22/0
Chainage : 94489
Imp Type : Re-Construction



LEGEND:
PLAN: *TRAFFIC*

- TOE LINE
- 34' EDGE
- C&G EDGE
- CRN. LINE
- C&W EDGE
- SH EDGE
- TOE LINE
- FOR TANGENT PT
- PROP ROW
- OPEN DRAIN
- EXIST PATH
- BRIDGE
- BOX CULVERT
- RETAST WALL
- RETAINING WALL
- PLAN: *EXISTING*
- C&W EDGE
- C&G EDGE
- CRIST ROAD
- RIVER
- EX BRIDGE
- CONCRETE
- DRAIN
- CROSS ROAD
- WATER TOWER
- DEL
- ESP
- STRUTTING
- BRIDGE
- RETAINING WALL
- RETAST WALL



LEGEND:

- PROFILE:
- PROPOSED ROAD LEVEL
 - EXISTING ROAD LEVEL
 - EXISTING LEVEL AT RIGHT OF WAY
 - RIGHT OF WAY LEVEL
 - RIGHT OF WAY POINT
 - BRIDGE WALL
 - RETAINING WALL

Proposed Box Culvert No 96/1
Size: 1/22/0
Chainage: 95024
Imp. Type: Re-Construction

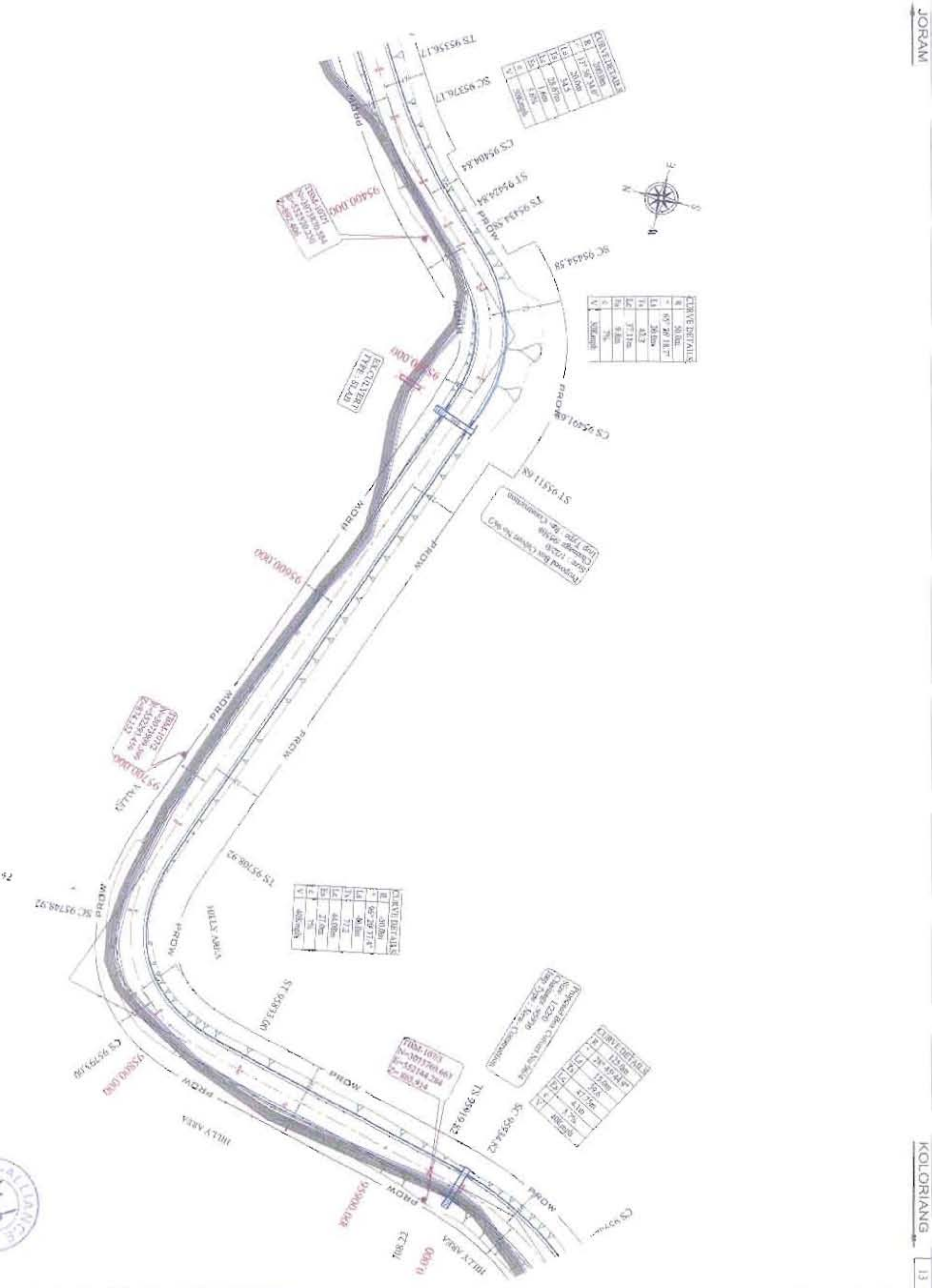
Proposed Box Culvert No 96/2
Size: 1/22/0
Chainage: 95312
Imp. Type: Re-Construction



Diagram: 903 M

PROPOSED ROAD LEVEL	EXISTING ROAD LEVEL	EXISTING LEVEL AT RIGHT OF WAY	RIGHT OF WAY LEVEL	RIGHT OF WAY POINT	BRIDGE WALL	RETAINING WALL
921.305	921.690	921.690	921.690			
920.781	930.485	930.485	930.485			
920.258	928.455	928.455	928.455			
919.735	925.914	925.914	925.914			
919.212	924.446	924.446	924.446			
918.689	923.451	923.451	923.451			
918.166	923.750	923.750	923.750			
917.642	924.033	924.033	924.033			
917.119	924.200	924.200	924.200			
916.596	924.791	924.791	924.791			
916.073	924.397	924.397	924.397			
915.550	924.185	924.185	924.185			
915.027	921.118	921.118	921.118			
914.503	921.448	921.448	921.448			
913.980	923.665	923.665	923.665			
913.457	926.040	926.040	926.040			
912.934	924.442	924.442	924.442			
912.411	921.947	921.947	921.947			
911.888	921.235	921.235	921.235			
911.364	921.118	921.118	921.118			
910.841	912.044	912.044	912.044			
910.318	918.168	918.168	918.168			
909.795	921.555	921.555	921.555			
909.272	922.680	922.680	922.680			
908.749	923.431	923.431	923.431			
908.225	923.659	923.659	923.659			
907.702	922.175	922.175	922.175			
907.179	920.371	920.371	920.371			
906.656	913.558	913.558	913.558			
906.133	912.754	912.754	912.754			
905.610	913.347	913.347	913.347			
905.086	914.145	914.145	914.145			
904.563	913.528	913.528	913.528			
904.040	908.391	908.391	908.391			
903.517	907.580	907.580	907.580			
902.994	908.204	908.204	908.204			
902.471	909.064	909.064	909.064			
901.939	906.716	906.716	906.716			
901.466	906.665	906.665	906.665			
900.990	911.152	911.152	911.152			
900.533	911.275	911.275	911.275			
900.094	909.028	909.028	909.028			
899.674	906.486	906.486	906.486			
899.260	904.324	904.324	904.324			
898.846	902.005	902.005	902.005			
898.432	899.053	899.053	899.053			
898.018	901.269	901.269	901.269			
897.604	904.326	904.326	904.326			
897.190	909.089	909.089	909.089			
896.776	909.514	909.514	909.514			
896.361	905.934	905.934	905.934			

JORAM



LEGEND:

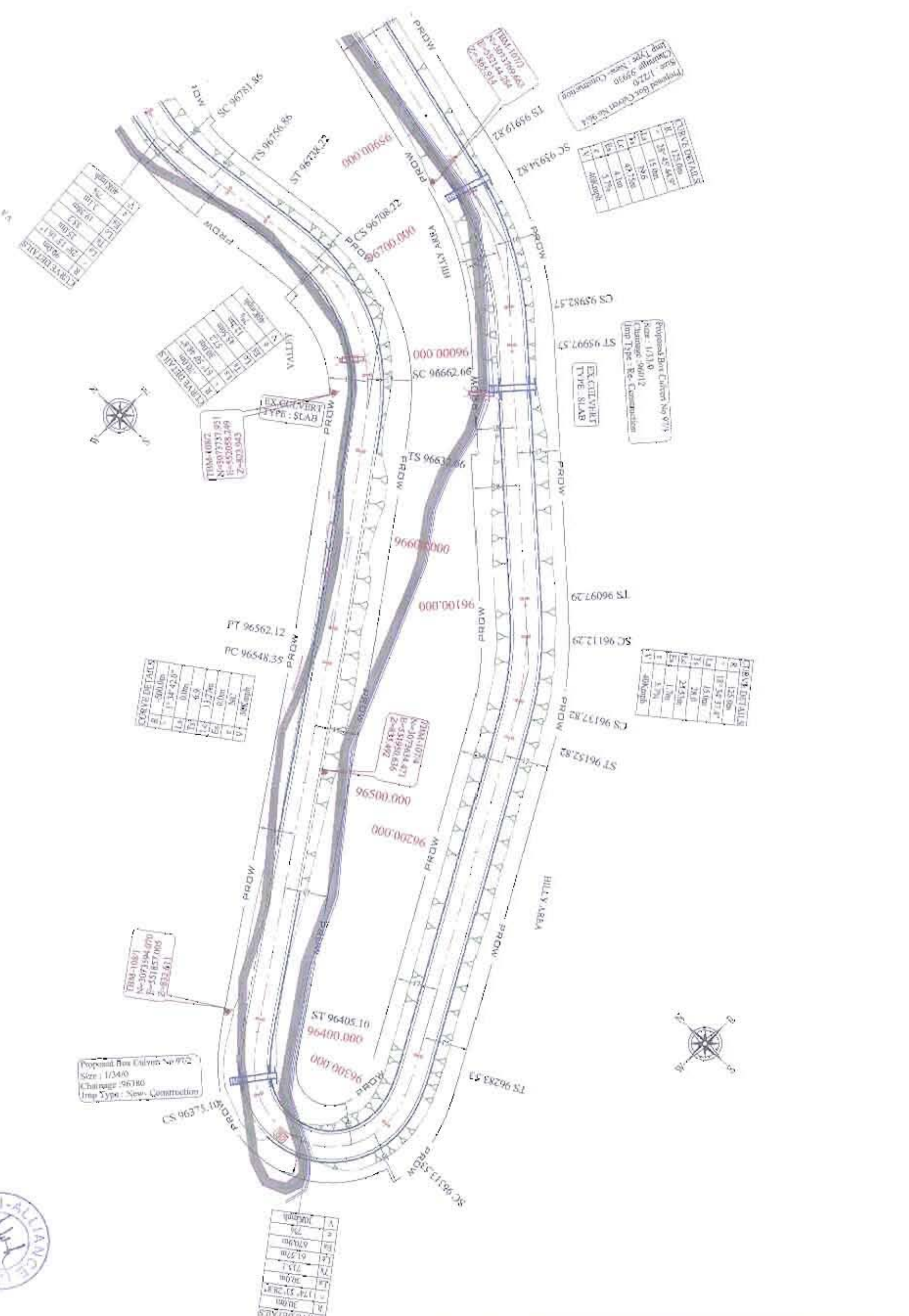


Proposed Box Culvert No. 16/3
 Size: 3/22/0
 Chainage: 95508
 Imp Type: Re-Construction

Station : 870 M	PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	VERTICAL ALIGNMENT	PAVEMENT	SUBGRADE	CHAINAGE
870.000	896.361	895.954				85360.000
871.000	895.947	893.564				85370.000
872.000	895.533	891.604				85380.000
873.000	895.119	890.160				85390.000
874.000	894.705	898.349				85400.000
875.000	894.291	897.174				85410.000
876.000	893.877	896.420				85420.000
877.000	893.463	895.722				85430.000
878.000	893.049	896.641				85440.000
879.000	892.635	905.558				85450.000
880.000	892.221	908.742				85460.000
881.000	891.807	910.250				85470.000
882.000	891.393	910.716				85480.000
883.000	890.979	908.327				85490.000
884.000	890.565	906.397				85500.000
885.000	890.151	905.948				85510.000
886.000	889.737	905.321				85520.000
887.000	889.323	904.694				85530.000
888.000	888.909	904.067				85540.000
889.000	888.495	900.658				85550.000
890.000	888.081	893.581				85560.000
891.000	887.667	891.683				85570.000
892.000	887.253	892.940				85580.000
893.000	886.839	899.671				85590.000
894.000	886.425	901.153				85600.000
895.000	886.011	900.099				85610.000
896.000	885.597	899.046				85620.000
897.000	885.183	898.066				85630.000
898.000	884.762	897.828				85640.000
899.000	884.326	896.843				85650.000
900.000	883.875	895.946				85660.000
901.000	883.409	895.150				85670.000
902.000	882.929	894.255				85680.000
903.000	882.434	893.343				85690.000
904.000	881.925	892.431				85700.000
905.000	881.400	885.487				85710.000
906.000	880.881	884.562				85720.000
907.000	880.308	883.268				85730.000
908.000	879.739	884.323				85740.000
909.000	879.156	883.169				85750.000
910.000	878.558	882.678				85760.000
911.000	877.945	882.524				85770.000
912.000	877.318	881.094				85780.000
913.000	876.684	879.001				85790.000
914.000	876.049	878.600				85800.000
915.000	875.414	881.537				85810.000
916.000	874.780	883.074				85820.000
917.000	874.145	882.254				85830.000
918.000	873.510	881.672				85840.000
919.000	872.876	881.091				85850.000
920.000	872.241	880.807				85860.000

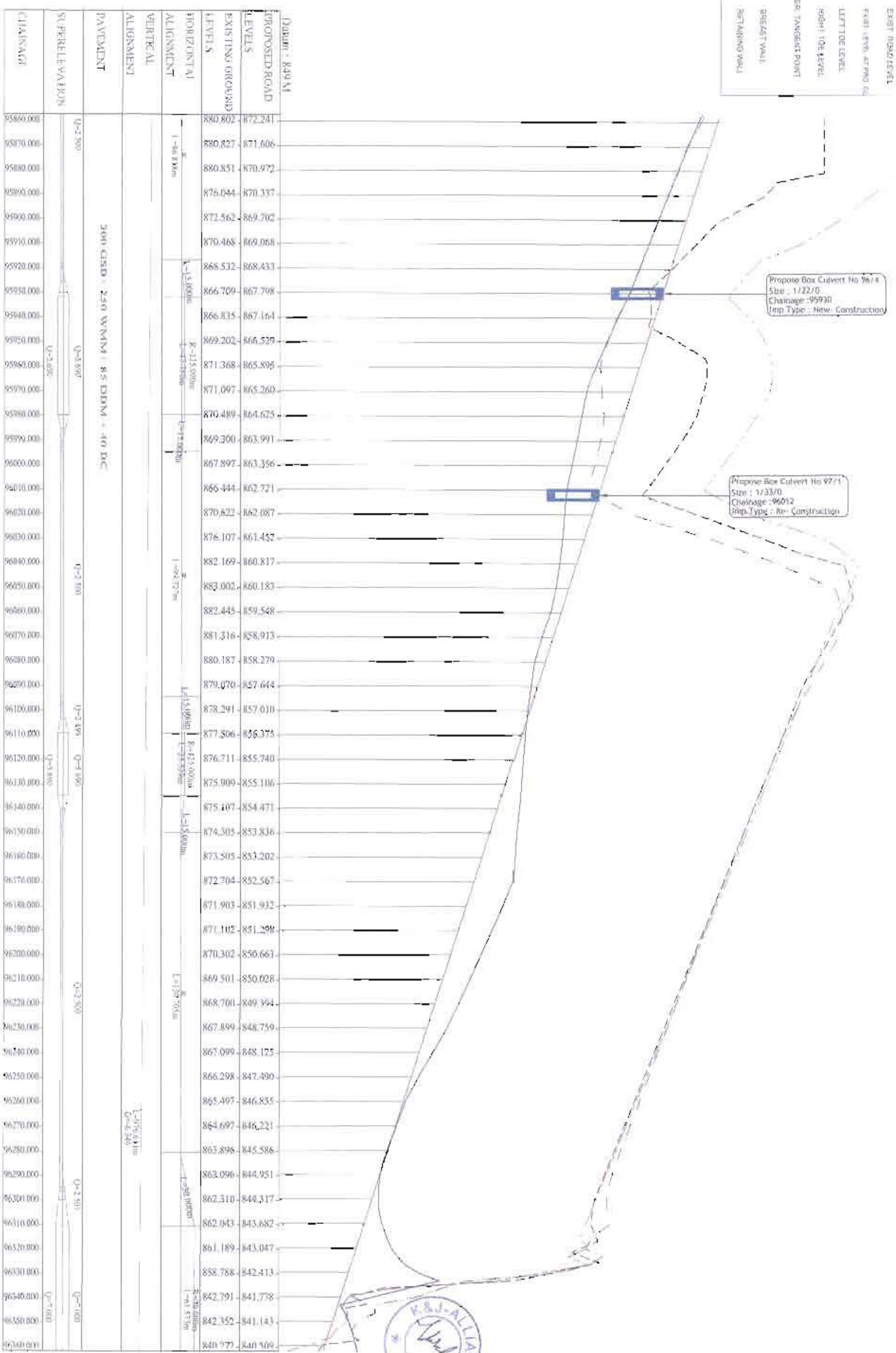


PROCESSES



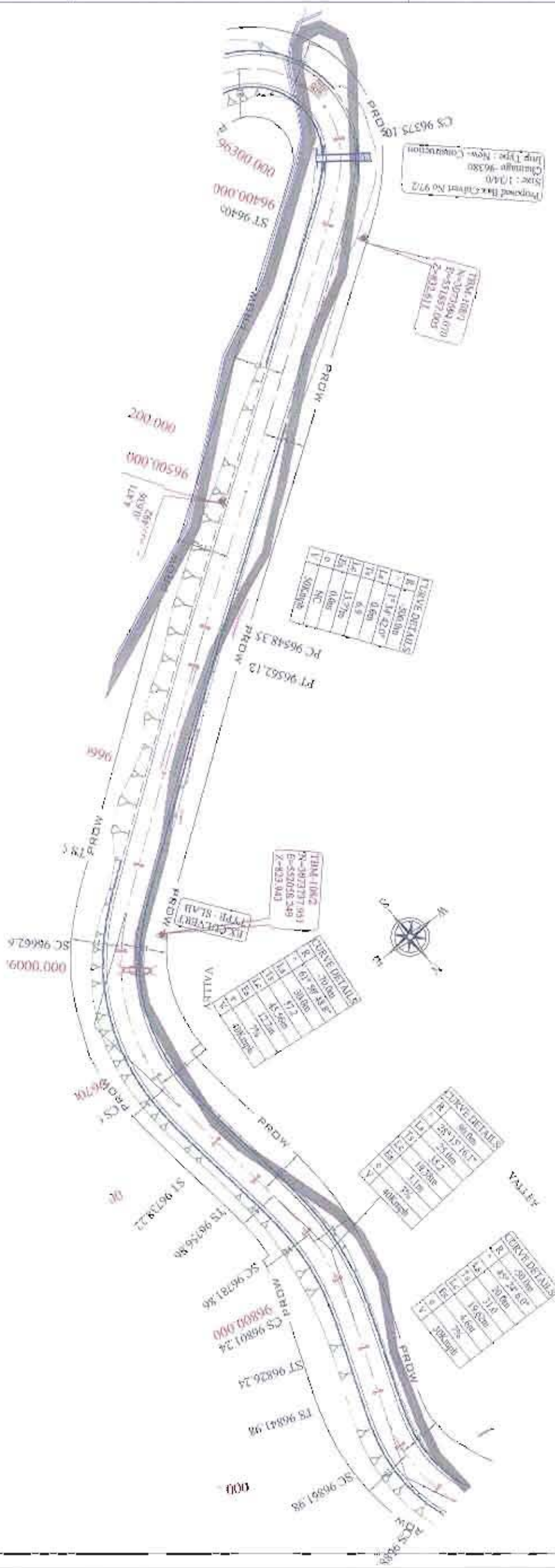
LEGEND

- PROFILE
- PROF. LEVEL (H=880)
 - EXIST. ROAD LEVEL
 - PROF. LEVEL AT PRO. RD
 - LEFT TOE LEVEL
 - RIGHT TOE LEVEL
 - VER. TANGENT POINT
 - DEEPEST WALL
 - RETAINING WALL



LEGEND:
PLAN: PROPOSED

- TOE LINE
- SHEDGE
- DM EDGE
- CEN LINE
- QW EDGE
- SH EDGE
- TIE LINE
- HOI TANGENT PT
- PROW
- PROF ROW
- DREN DRAIN
- FOOT PATH
- BRIDGE
- BOX CULVERT
- BREAST WALL
- RETAINING WALL
- EXISTING
- CW EDGE
- CEN LINE
- QW EDGE
- EXIST ROAD
- RIVER
- EA BRIDGE
- CULVERT
- DRAIN
- CROSS ROAD
- KI DIAMETER POST
- EP
- HTP
- STRUCTURE
- FENCING
- RETAINING WALL
- BREAST WALL

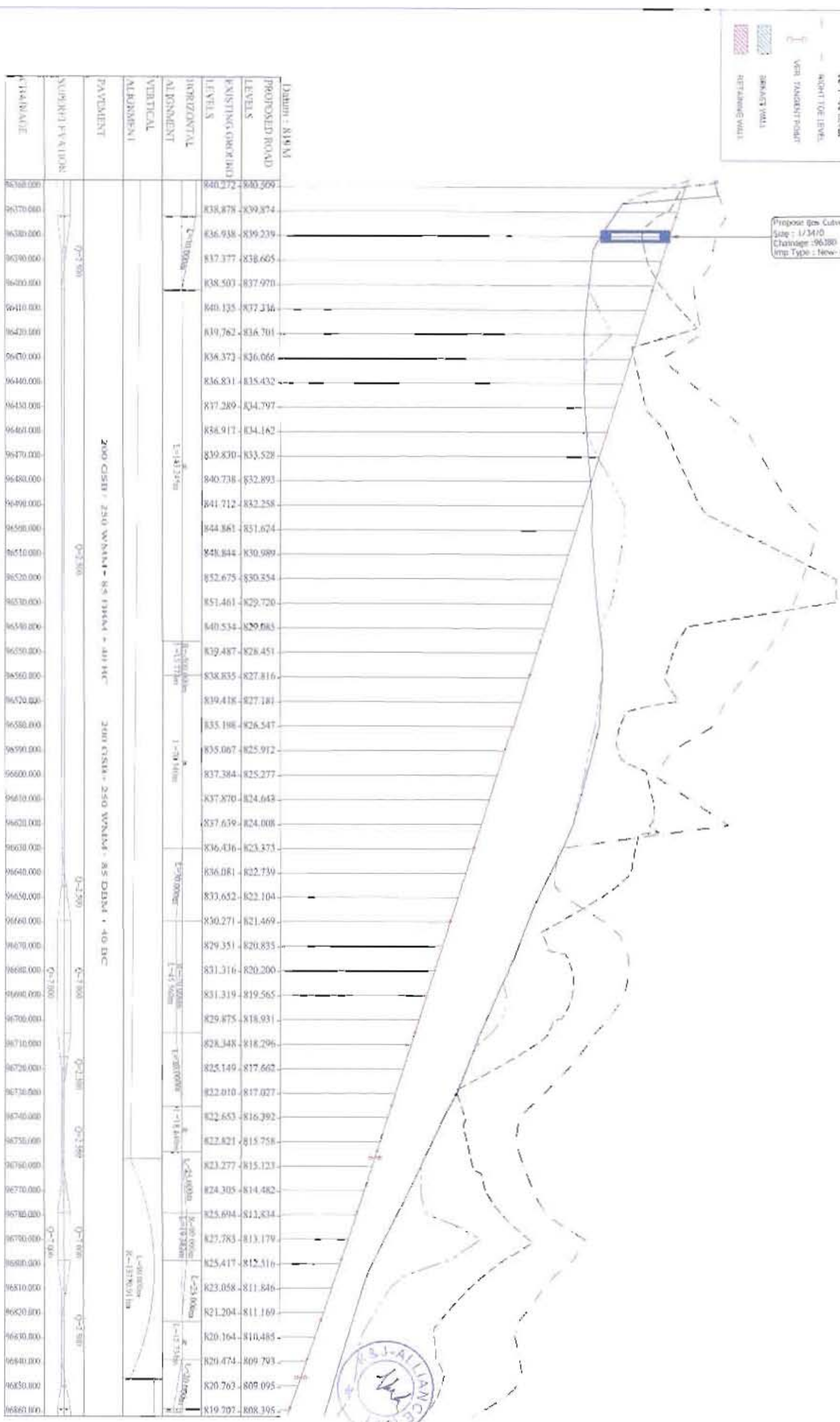


LEGEND:
PROFILE:

PROFILE:

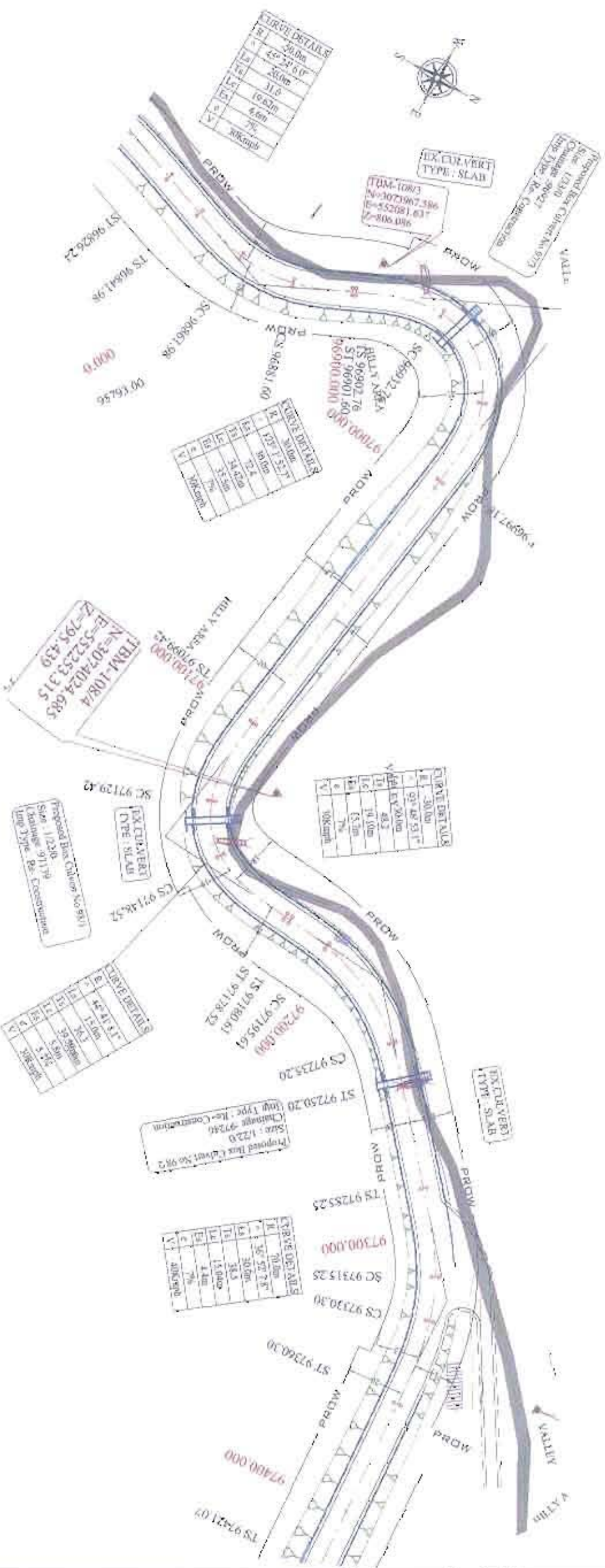
- | | |
|---|-----------------|
|  | RIGHT TOE LEVEL |
|  | RIGHT TOE POINT |
|  | LEFT TOE LEVEL |
|  | RIGHT TOE LEVEL |
|  | LEFT TOE POINT |

Propose Item Culvert No 4742
Size : 1/3410
Chainage : 96180
Imp Type : New- Construction



LEGEND:
PLAN:

- TOE LINE
 - SHEDGE
 - OVERFLOW
 - CEN LINE
 - OW EDGE
 - SHEDGE
 - TUE LINE
 - HOR TANGENT PT
 - PROW
 - PROF ROW
 - OPEN DRAIN
 - # DISTALIN
 - BRIDGE
 - BOX CULVERT
 - BREAST WALL
 - RETAINING WALL
- LEGEND:**
PLAN:
- EXISTING
 - CEN LINE
 - OW EDGE
 - EXST ROAD
 - RIVER
 - EX BRIDGE
 - CULVERT
 - DRAIN
 - CROSS ROAD
 - KILOMETER POST
 - FP
 - ONE
 - STRUCTURE
 - FENCING
 - RETAINING WALL
 - BREAST WALL



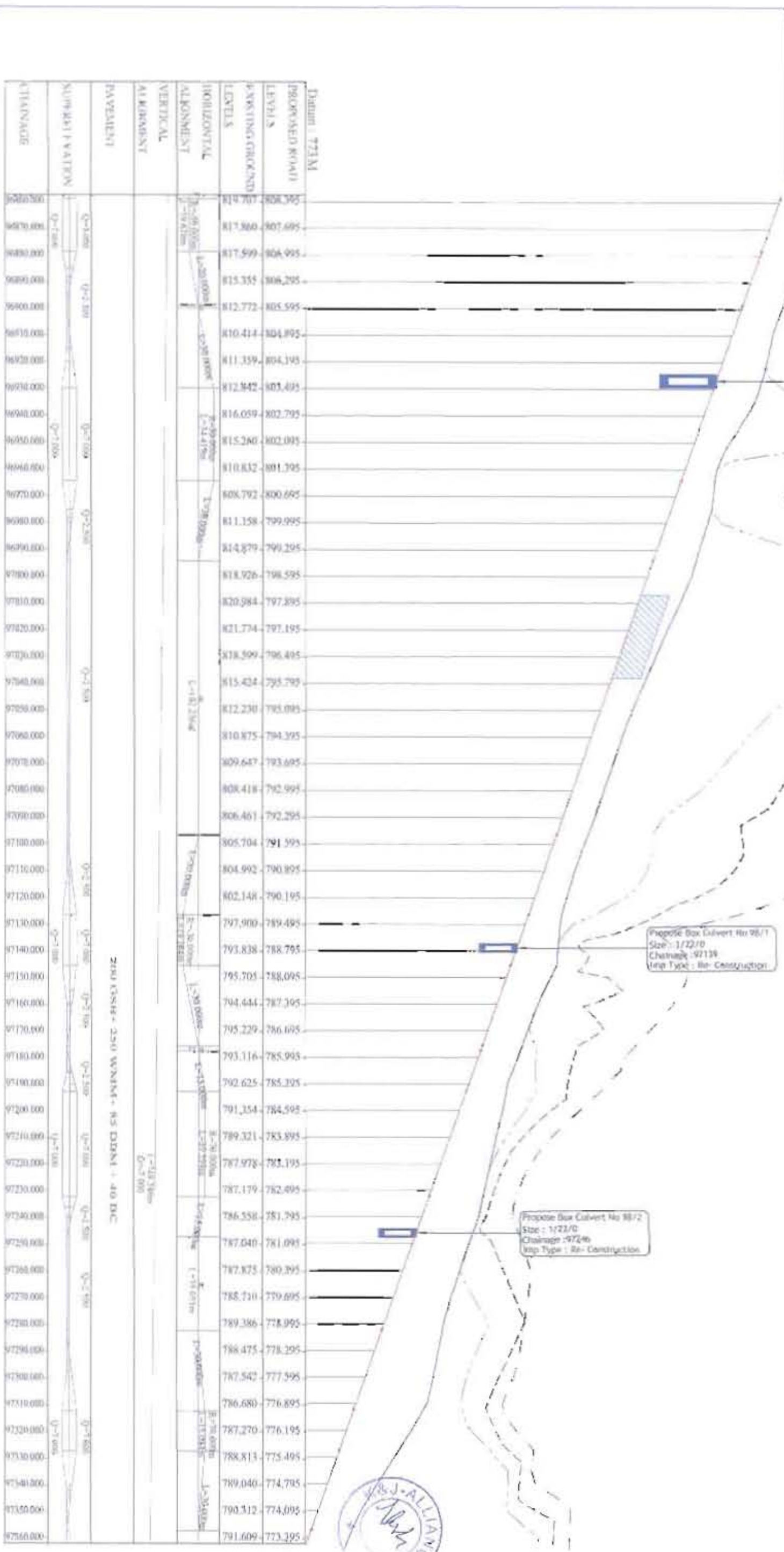
LEGEND:

- PROFILE:**
- PROPOSED LEVELLING
 - EXIST. ROAD LEVEL
 - RIGHT LABEL AS PER EX.
 - LEFT TOE LEVEL
 - RIGHT TOE LEVEL
 - VEH. TANGENT POINT
 - RESET WALL
 - RETAINED WALL

Propose Box Culvert No 97/1
Size : 1/33/0
Chainage : 96927
Imp Type : Re-Construction

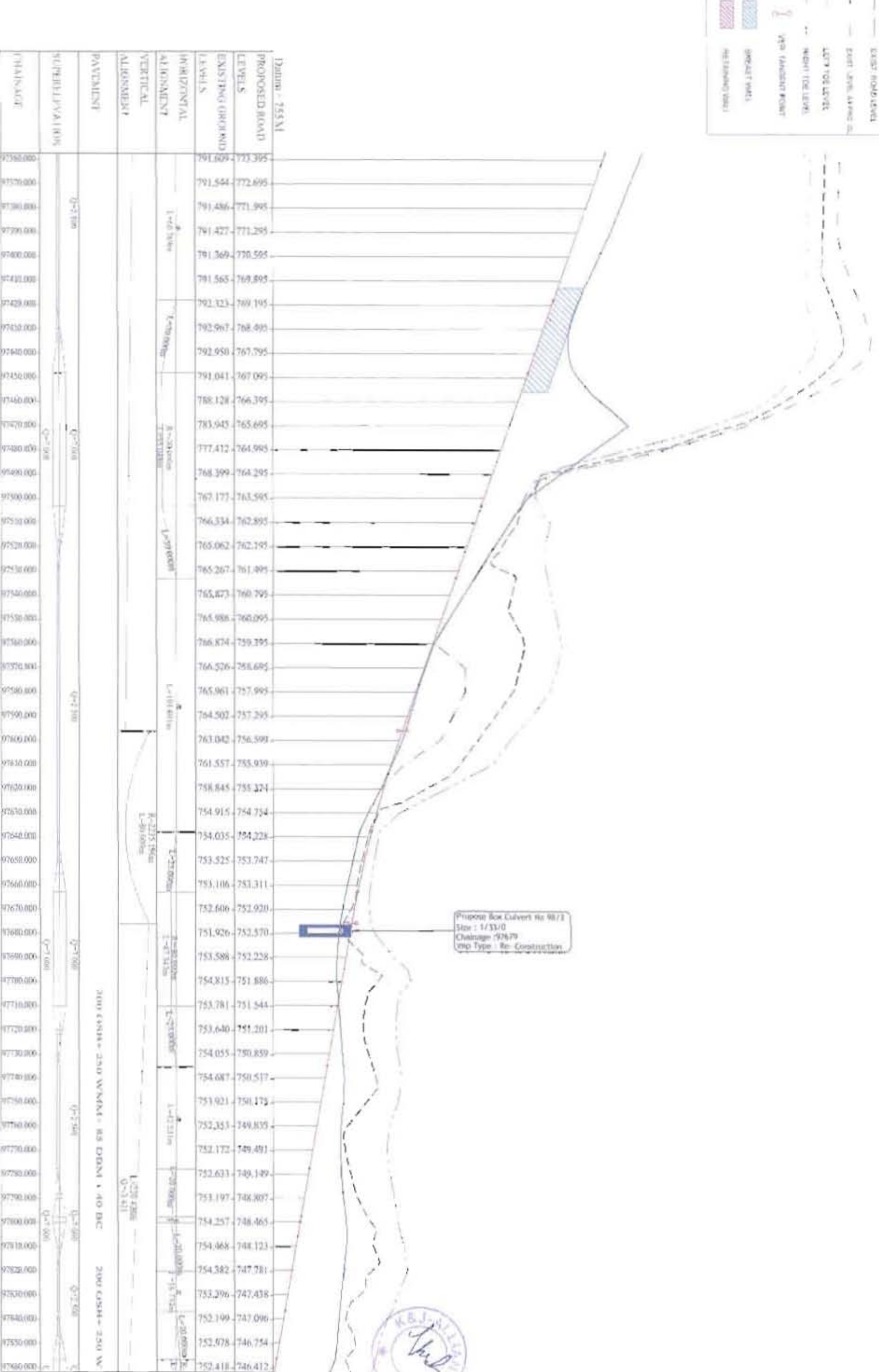
Propose Box Culvert No 98/1
Size : 1/22/0
Chainage : 97138
Imp Type : Re-Construction

Propose Box Culvert No 98/2
Size : 1/23/0
Chainage : 97246
Imp Type : Re-Construction



LEGEND:

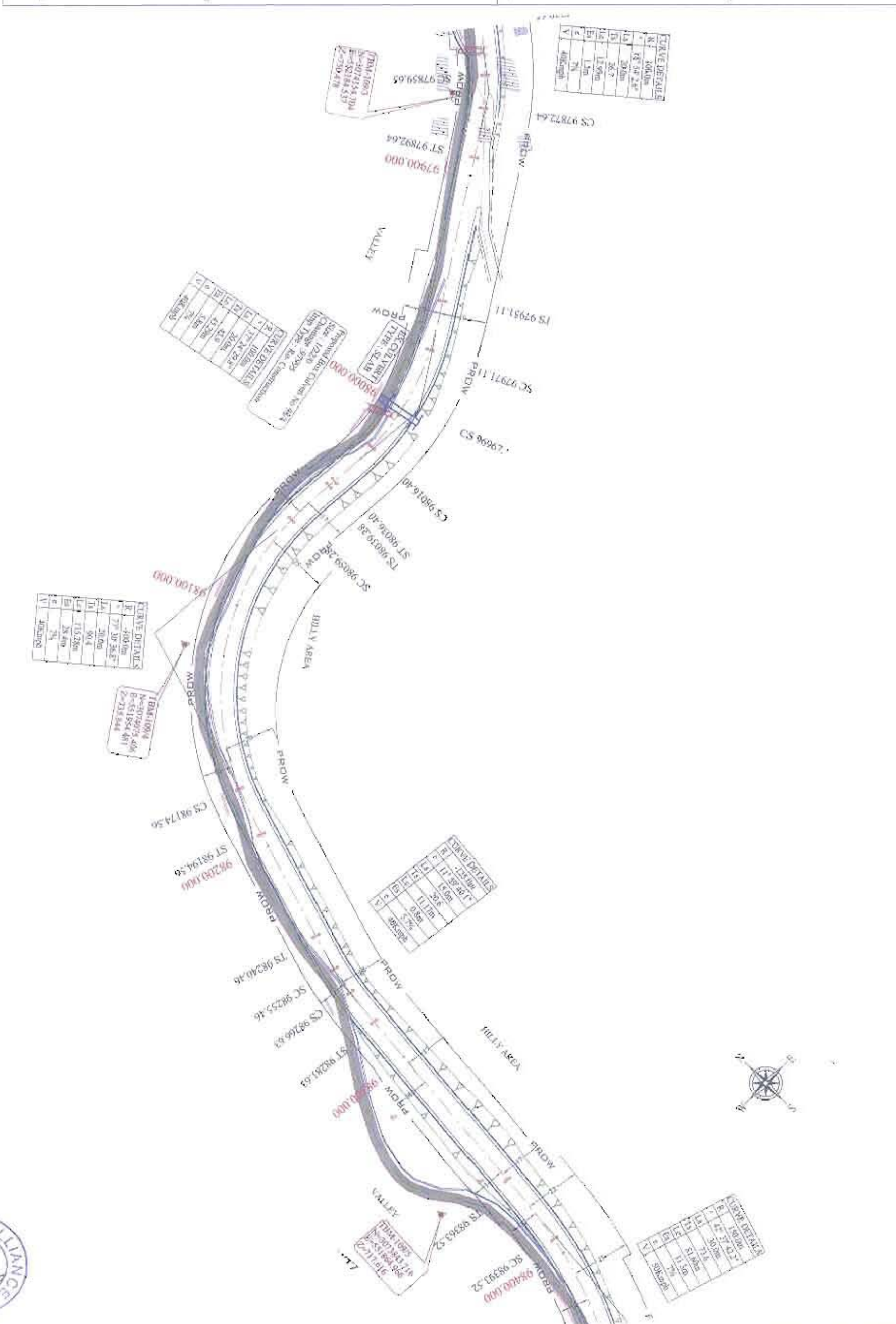
- PROFILE:
- PROJ. LEVEL/ROAD
 - EXIST. ROAD LEVEL
 - EXIST. LEVEL ASPH. RD.
 - LOFT FOR LEVEL
 - NEUT. FOR LEVEL
 - 2% (LANDSLIDE) ROOF
 - GRAVEL PAVT.
 - ASPH. PAVT.



Proposed Box Culvert No. 98/1
Size: 1.5x3.0
Chaining: 92679
Imp. Type: Rein. Construction

LEGEND:
PLAN: **EXISTING**

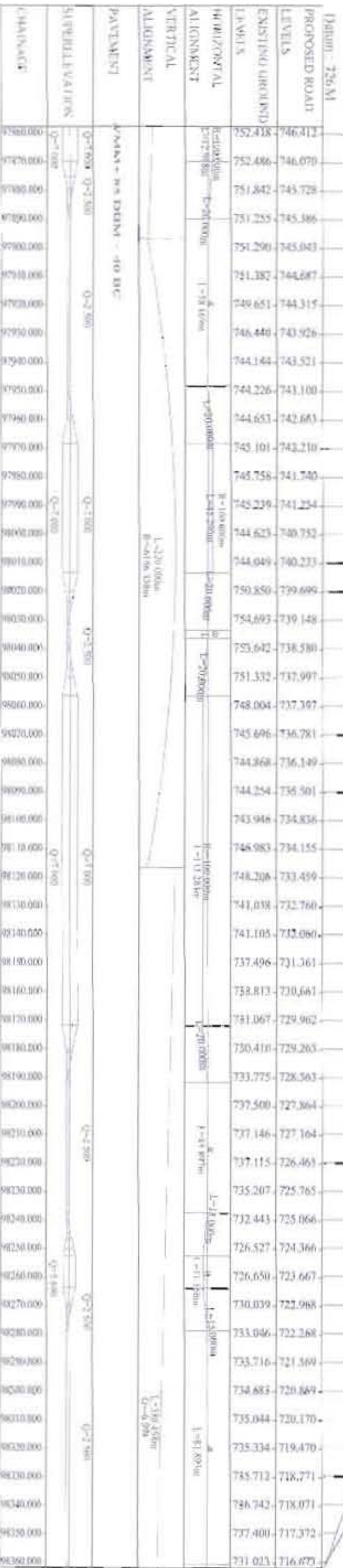
	ROAD EDGE		ROAD EDGE
	CEN LINE		CEN LINE
	SH EDGE		SH EDGE
	RD LINE		RD LINE
	HOR TANGENT PT		HOR TANGENT PT
	PROPOSED RDWY		PROPOSED RDWY
	OPEN DRAIN		OPEN DRAIN
	FOOTPATH		FOOTPATH
	BRIDGE		BRIDGE
	BOX CULVERT		BOX CULVERT
	BREAST WALL		BREAST WALL
	RETAINING WALL		RETAINING WALL



LEGEND:

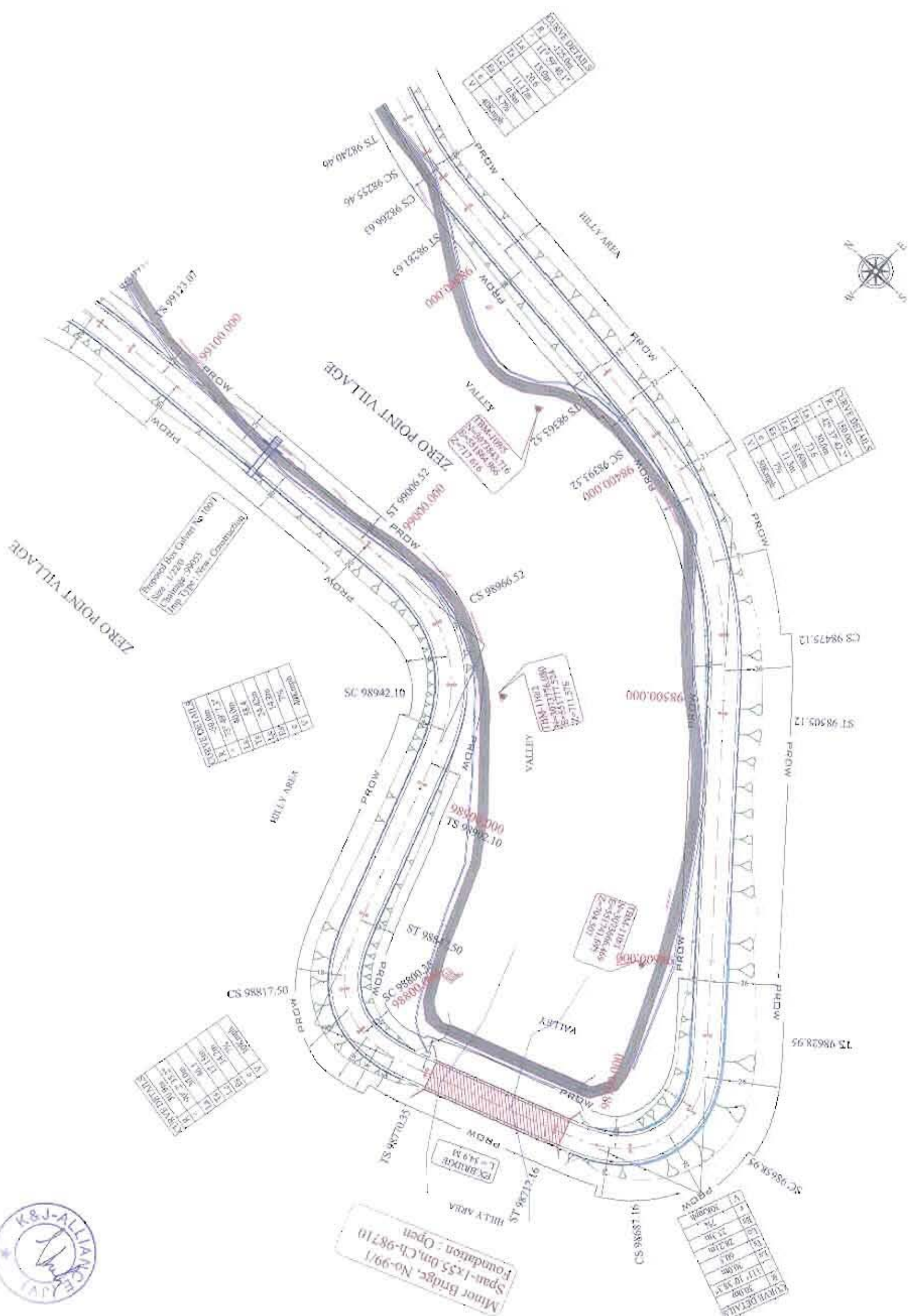
- PROFILE:**
- PROPOSED LEVEL/GRADIENT
 - EXIST. ROAD LEVEL
 - EXIST. (PROJ) AT-MOD. CL.
 - LEFT TIE LEVEL
 - RIGHT TIE LEVEL
 - STEP TRANSPORT POINT
 - BREAST WALL
 - RETAINING WALL

Proposed Box Culvert No. 10/14
Span: 1/23.70
Clearance: 5.7995
Imp. Type: Rein. Concrete



P24N
PHYNYLISGL

BREAST WALL



Minor Bridge, No. 99/1
Span 1x55 dm, Ch. 98710
Foundation: Open

[illegible][illegible]

Shipping Box Custom No 100
Size: 1/220
Labeling: 99053
Imp Type: New Construction



1004175005

K. A. J. HOPPELA PUL LTD.

14701953, 14701954

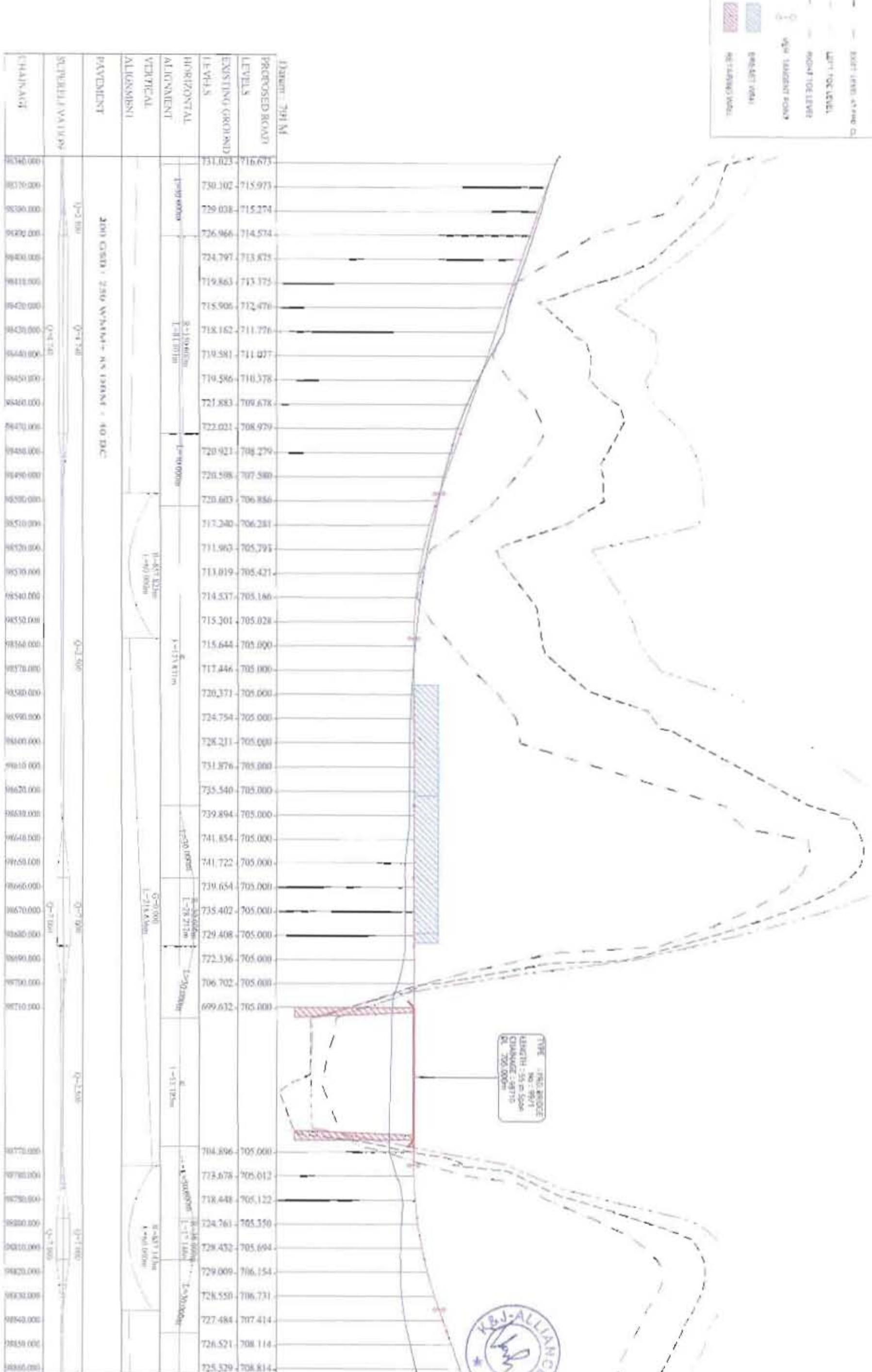
Consultancy Services for preparation of Detailed Project report for 2-1 subing of

1517

07 03 04 459 400004 917 344 900 000

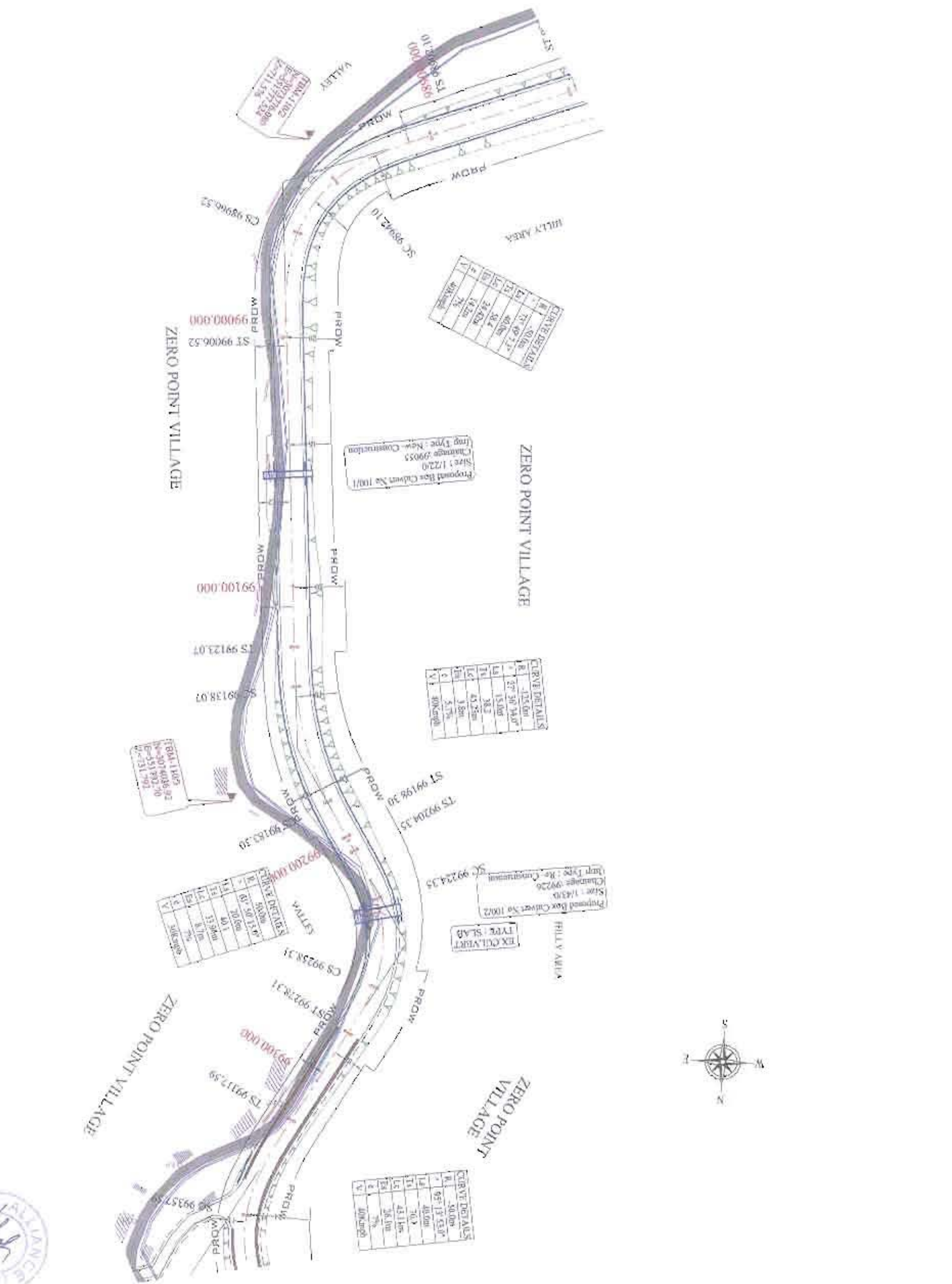
PROFILE

- PROB. LEVELS: 0.05
EXP. T. NONLEVEL:
BEST LEVEL: 0.05
LRT FOR LEVEL:
MODEL FOR LEVEL:
NEW STATIST. POW.?



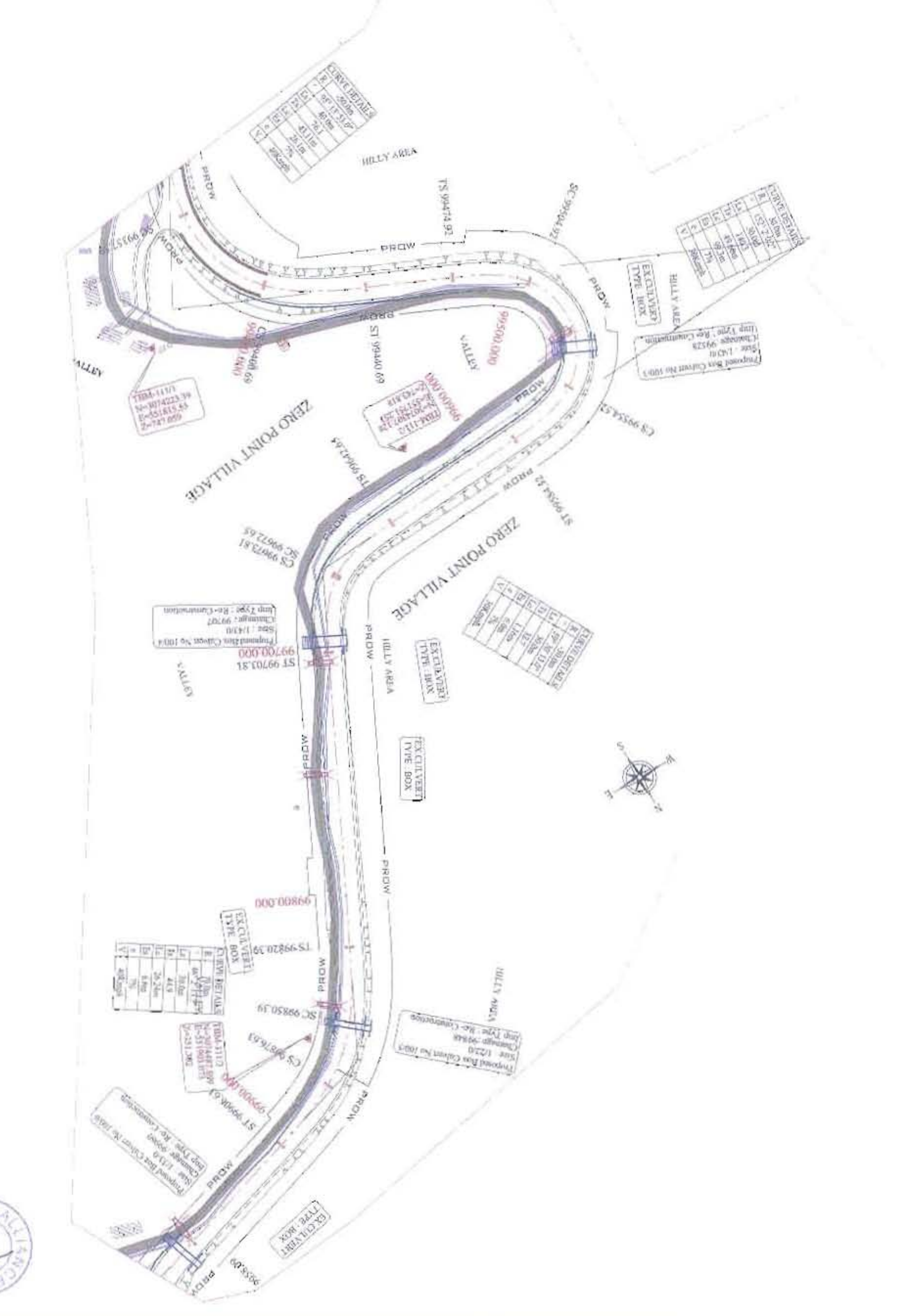
TYPE : FOLD AND OPEN
NO : 99/1
ALONGTH : 55 cm
CHASST : 99/10
CL : 705.000cm





1

1

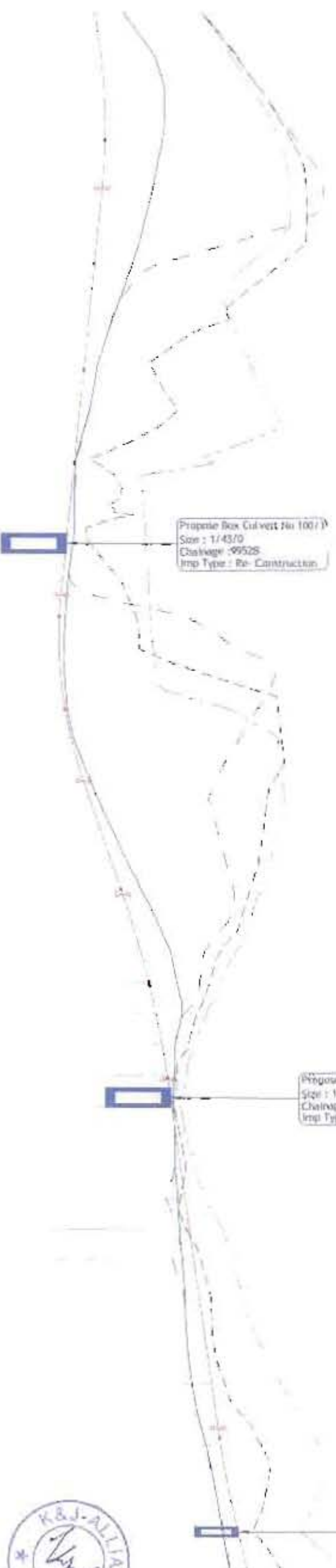


	 K.A.J. Projects Pvt. Ltd. Alliance Engineers & Consultants (P) Ltd. Office : 10/2, Naraina Extension-II, New Delhi-110028 Ph: 011-26229941 Fax: 011-26229941		
Client:		Consultant:	
Project Name: Consulting Services for preparation of Detailed Project report for 2-laning of Jorani-Koldirang Road from Km 70.00 to Km 138.00 (Length = 68 Km.) in the state of Assam under SARDP-NE on EPC Mode			
Package :- J		Dag No. KM+ECM Road/Roadway 3/29	
From :- km 99.360 to km 99.560		Scale :- 1"=10m RDS	
			

LEGEND:

PROFILE:

- PROF. LEVEL (mm)
- EXIST. ROAD LEVEL
- EXIST. LEVEL AT PRO. CL.
- LEFT TOE LEVEL
- RIGHT TOE LEVEL
- VERT. TANGENT POINT
- BRIDGE WALL
- RETAINING WALL



PROPOSED ROAD LEVELS		EXISTING GROUND LEVELS		VERTICAL CURVE DATA		PAVEMENT		SCREED ELEVATION		CHAINAGE	
750.503	743.143	752.028	743.427	200 OSD (250 WIND) 8.5 THICK + 40 MC		7.57 M		0-1000		0-1000	
753.485	743.610	754.784	743.694								
755.884	743.677	756.515	743.581								
756.603	743.366	756.527	743.166								
754.321	742.966	751.892	742.766								
749.215	742.566	746.521	742.365								
747.743	742.165	747.173	741.965								
743.069	741.765	744.778	741.564								
744.106	741.364	744.106	741.164								
744.727	740.964	745.609	740.785								
745.892	740.738	750.205	740.839	0-1000		0-1000		0-1000		0-1000	
754.735	741.088	754.965	741.485								
755.017	742.031	754.092	742.703								
753.826	743.391	753.580	744.079								
753.027	744.768	752.414	745.451								
751.309	746.029	750.470	746.560								
749.617	747.024	749.096	747.421								
748.356	747.751	748.154	748.040								
748.586	748.327	748.945	748.615								
748.590	748.902	748.995	749.190								
749.916	749.477	750.481	749.765	0-1000		0-1000		0-1000		0-1000	
750.635	750.052	750.849	750.340								
751.456	750.627	752.566	750.915								
753.787	751.211	754.257	751.561								
753.854	751.969	753.680	752.435								
755.029	752.055										



Propose Box Culvert No. 100/5
Size : 1/22/0
Chainage : 99848
Imp. Type : Re-Construction

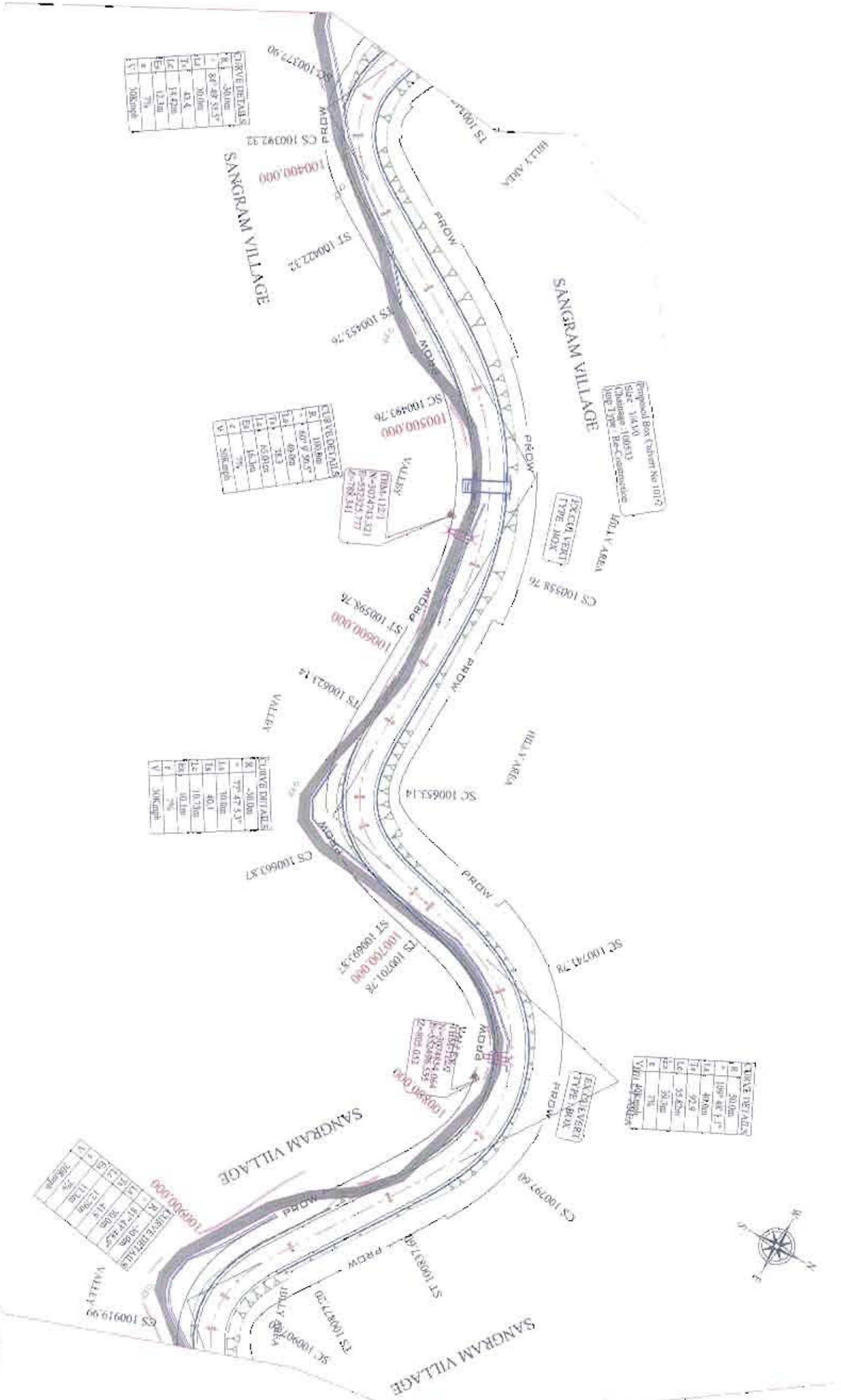
Propose Box Culvert No. 100/4
Size : 1/43/0
Chainage : 99707
Imp. Type : Re-Construction

Propose Box Culvert No. 100/3
Size : 1/43/0
Chainage : 99528
Imp. Type : Re-Construction

100

LEGEND
PLAN **PROPOSED**

- TOE LINE
- SH EDGE
- CH EDGE
- CEM LINE
- LAN EDGE
- RAI EDGE
- TOE LINE
- HQ/T TANGENT PT
- PROW
- PROW ROW
- OPEN DRAIN
- FOOTPATH
- BRIDGE
- BOX CULVERT
- WASTEWATER
- RETAINING WALL
- EXISTING
- CEM EDGE
- CEM LINE
- CHW EDGE
- EXIST ROAD
- RAI/CR
- EX BRIDGE
- CULVERT
- DRAIN
- CROSS ROAD
- WATER TOWER
- EP
- IGP
- STRUCTURE
- FENCING
- RAI/CR WALL
- WASTEWATER



CURVE DETAILS

R	L	TS	SC	ST	CS
300m	40.1	100453.76	100493.76	100422.32	100377.90
300m	40.1	100598.76	100623.14	100598.76	100603.87
300m	40.1	100701.78	100701.78	100701.78	100701.78
300m	40.1	100701.78	100701.78	100701.78	100701.78
300m	40.1	100701.78	100701.78	100701.78	100701.78

CURVE DETAILS

R	L	TS	SC	ST	CS
300m	40.1	100453.76	100493.76	100422.32	100377.90
300m	40.1	100598.76	100623.14	100598.76	100603.87
300m	40.1	100701.78	100701.78	100701.78	100701.78
300m	40.1	100701.78	100701.78	100701.78	100701.78
300m	40.1	100701.78	100701.78	100701.78	100701.78

CURVE DETAILS

R	L	TS	SC	ST	CS
300m	40.1	100453.76	100493.76	100422.32	100377.90
300m	40.1	100598.76	100623.14	100598.76	100603.87
300m	40.1	100701.78	100701.78	100701.78	100701.78
300m	40.1	100701.78	100701.78	100701.78	100701.78
300m	40.1	100701.78	100701.78	100701.78	100701.78

CURVE DETAILS

R	L	TS	SC	ST	CS
300m	40.1	100453.76	100493.76	100422.32	100377.90
300m	40.1	100598.76	100623.14	100598.76	100603.87
300m	40.1	100701.78	100701.78	100701.78	100701.78
300m	40.1	100701.78	100701.78	100701.78	100701.78
300m	40.1	100701.78	100701.78	100701.78	100701.78

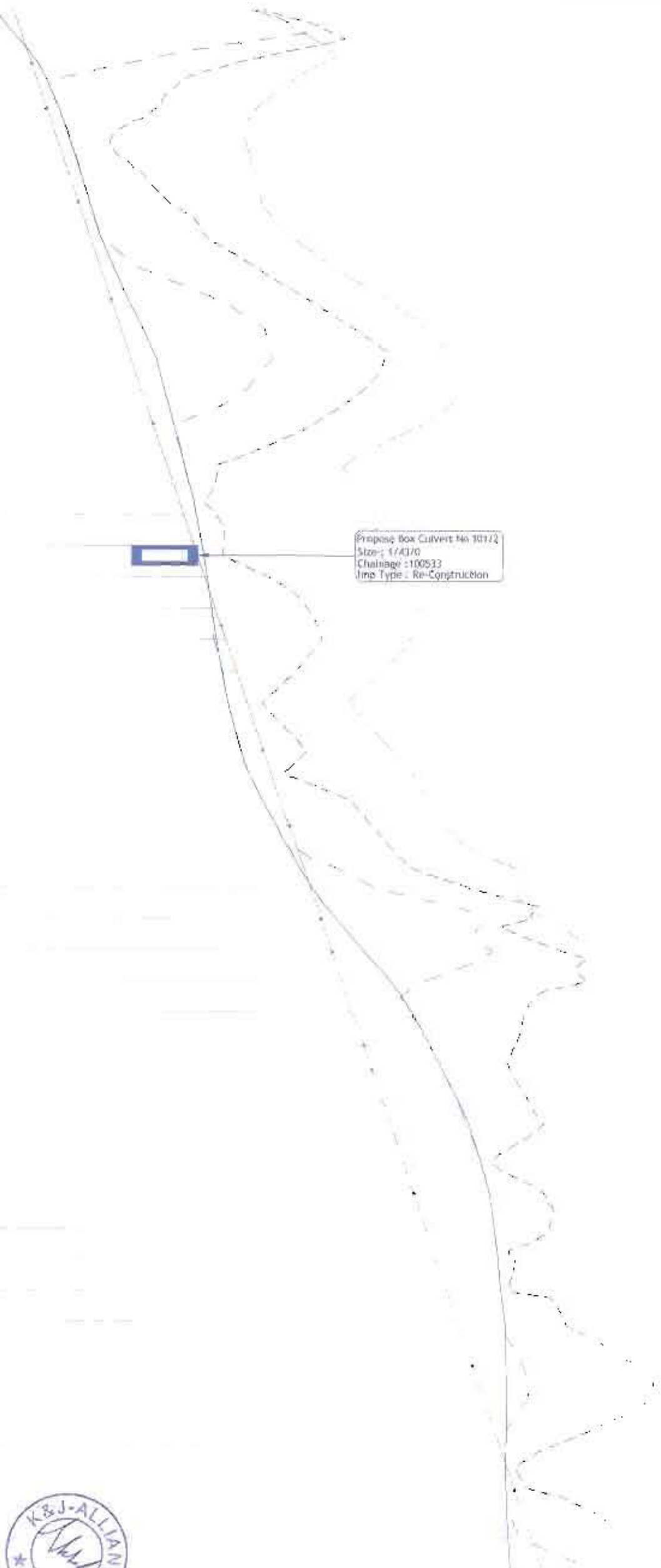
CURVE DETAILS

R	L	TS	SC	ST	CS
300m	40.1	100453.76	100493.76	100422.32	100377.90
300m	40.1	100598.76	100623.14	100598.76	100603.87
300m	40.1	100701.78	100701.78	100701.78	100701.78
300m	40.1	100701.78	100701.78	100701.78	100701.78
300m	40.1	100701.78	100701.78	100701.78	100701.78



LEGEND:

- PROFILE
- PROG. LEVEL (solid)
 - EXIST. ROAD LEVEL
 - EXIST. LEVEL AT PRO. CL
 - LEFT SIDE LEVEL
 - RIGHT SIDE LEVEL
 - VERT. TANGENT POINT
 - BREAST WALL
 - RETAINING WALL



Proposed Box Culvert No 30712
Size: 1/43/0
Chainage: 100533
Type: Re-Construction

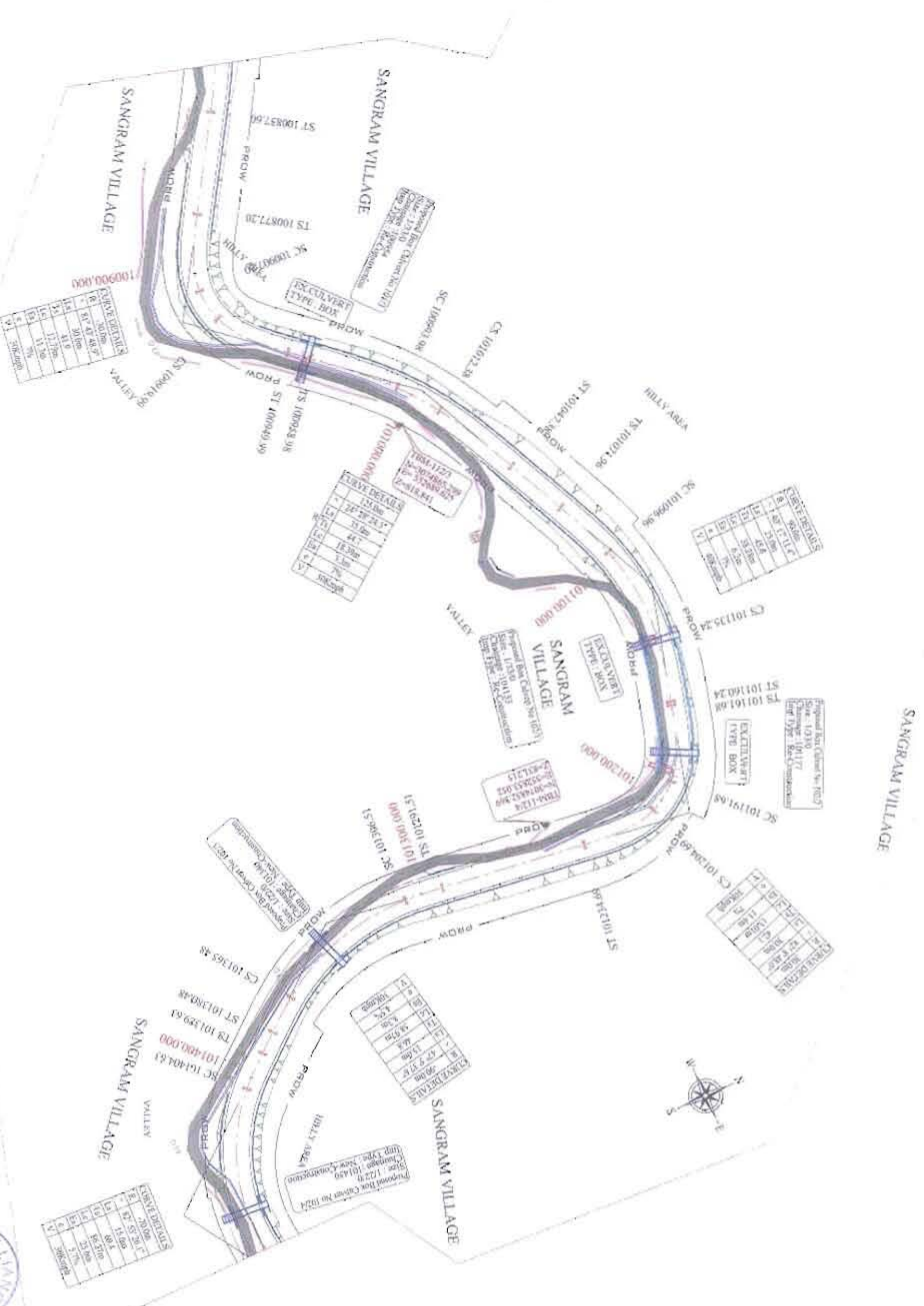


Drawn: 776 M

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAVEMENT	SCURREL ELEVATION	CHAINAGE
794.159	776.663					100300.000
794.835	777.331					100320.000
787.378	777.998					100380.000
785.383	778.666					100390.000
782.617	779.334					100400.000
784.639	780.001					100410.000
786.521	780.669					100420.000
788.697	781.337					100430.000
791.855	782.005					100440.000
795.046	782.672					100450.000
798.198	783.340					100460.000
800.131	784.008					100470.000
798.719	784.675					100480.000
795.852	785.343					100490.000
791.698	786.011					100500.000
789.321	786.678					100510.000
789.431	787.346					100520.000
789.972	788.014					100530.000
792.773	788.682					100540.000
795.187	789.349					100550.000
796.302	790.017					100560.000
794.494	790.685					100570.000
792.470	791.352					100580.000
794.064	792.020					100590.000
794.307	792.688					100600.000
797.117	793.355					100610.000
799.291	794.023					100620.000
801.047	794.691					100630.000
805.541	795.359					100640.000
809.510	796.026					100650.000
811.230	796.694					100660.000
812.927	797.362					100670.000
809.036	798.029					100680.000
808.485	798.697					100690.000
808.176	799.365					100700.000
809.430	800.032					100710.000
809.366	800.700					100720.000
807.193	801.368					100730.000
810.416	802.036					100740.000
810.569	802.703					100750.000
808.783	803.371					100760.000
808.139	804.039					100770.000
811.568	804.706					100780.000
814.832	805.374					100790.000
817.194	806.042					100800.000
815.462	806.709					100810.000
811.025	807.377					100820.000
808.663	808.045					100830.000
812.647	808.713					100840.000
815.795	809.380					100850.000
818.421	810.048					100860.000

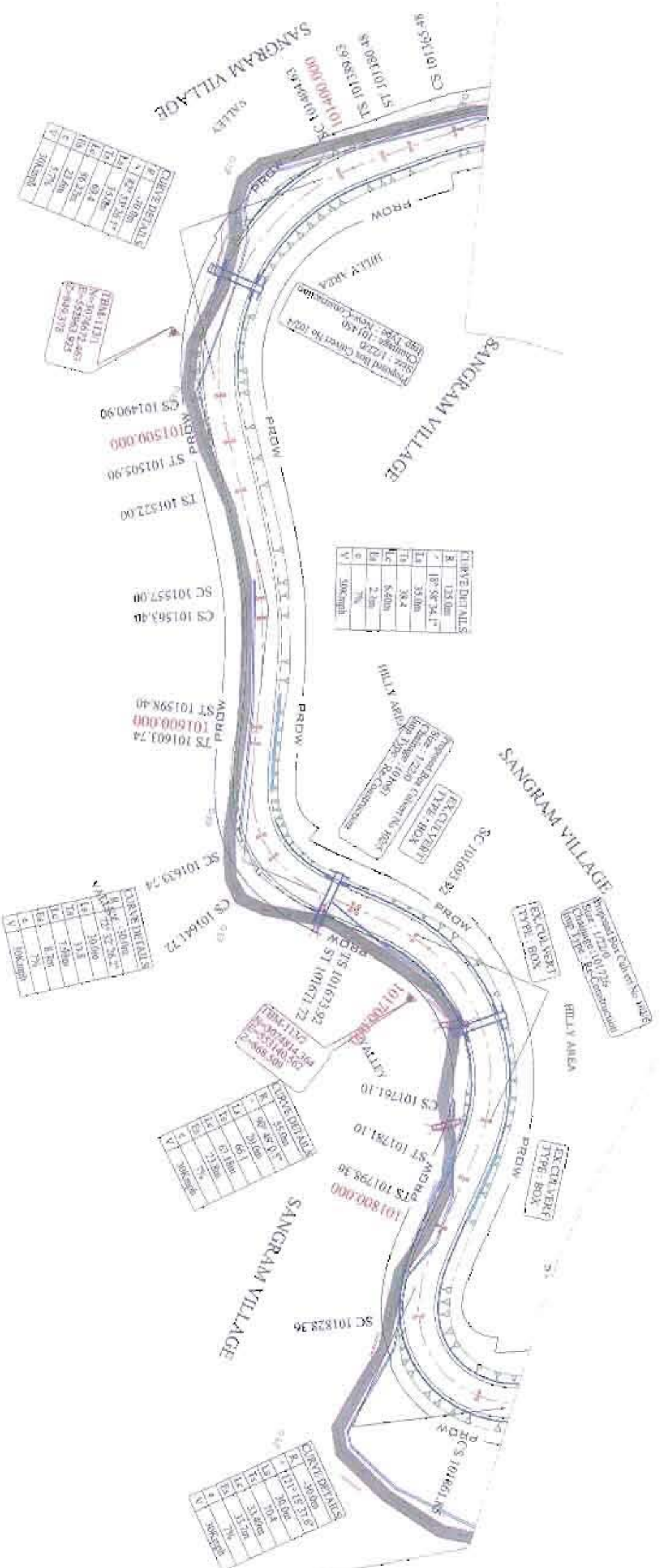
LEGEND:
PLAN: **PROPOSED**

- 10% LINE
- 5% EDGE
- 0% EDGE
- CEN LINE
- C/W EDGE
- SH EDGE
- TIE LINE
- HOR TANGENT PT
- PROW
- EDGE ROW
- OPEN DRAIN
- FOOTPATH
- PAVING
- BOX CULVERT
- BREAST WALL
- RETAINING WALL
- EXISTING
- C/W EDGE
- CEN LINE
- C/W EDGE
- EDGE ROAD
- RAILWAY
- EX BRIDGES
- CULVERT
- IRRAW
- CROSS ROAD
- MICROTUNNEL
- BP
- HP
- STRUCTURE
- FENCING
- RETAINING WALL
- DRAINAGE



LEGEND:
PLAN:

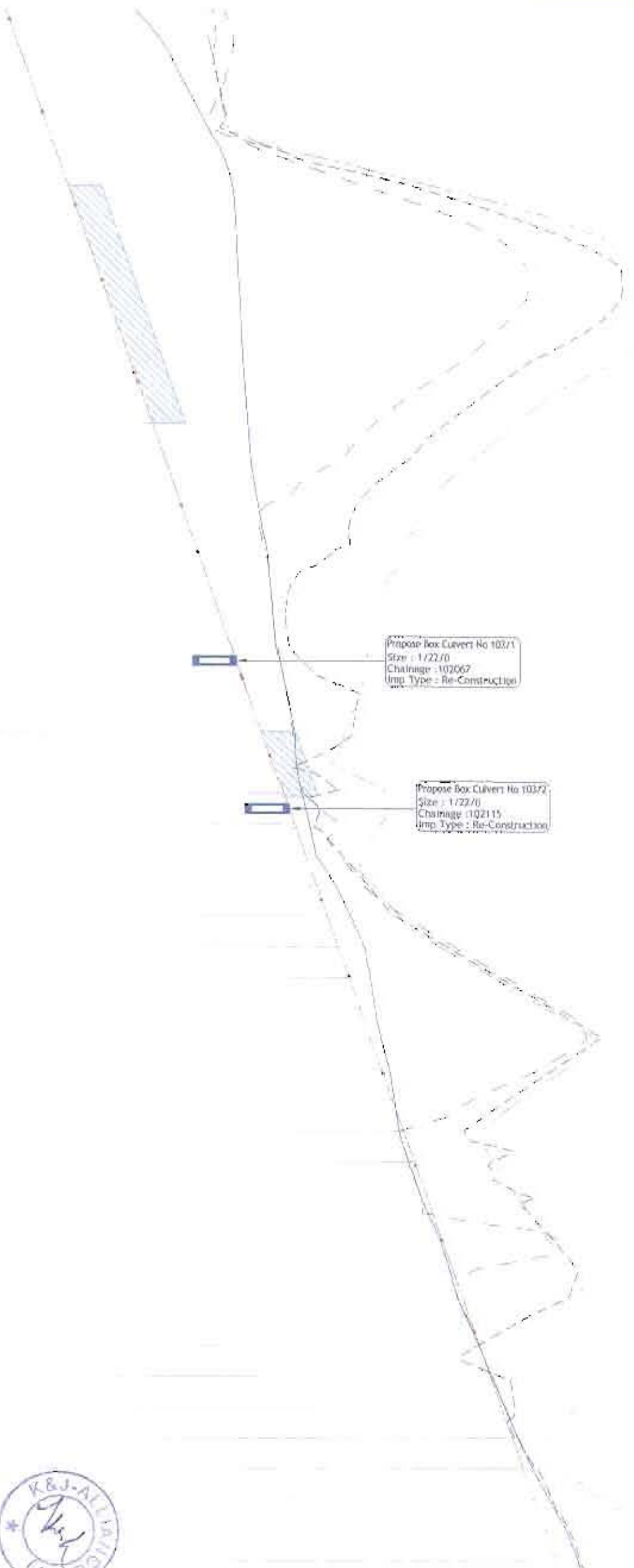
- PROPOSED
- MOE LINE
- SH EDGE
- CW EDGE
- DEEP LINE
- CW EDGE
- SH EDGE
- TOE LINE
- HOR TANGENT PT
- PROW
- PROW ROW
- OPEN BRAN
- FOOTPATH
- SOI/DE
- SEA CULVERT
- BREAST WALL
- RETAINING WALL
- EXISTING
- CW EDGE
- GENLINE
- CW EDGE
- EXIST ROAD
- RIVER
- EX BRIDGE
- CULVERT
- DRAIN
- CROSS ROAD
- KADUNTER POINT
- CEP
- CEP
- STP
- STROCK PARE
- FENCING
- W/ TANKING WALL
- BREAST WALL



Polymer Bulletin

LEGEND:

- PROFILES**
- PROF. LEVEL/PROF. CS
 - EXIST. ROAD LEVEL
 - EXIST. LEVEL AT PRO. CS
 - LEFT TOE LEVEL
 - RIGHT TOE LEVEL
 - VERT. TANGENT POINT
 - GREATEST WALL
 - RETAINING WALL



Drum : 876 M

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAVEMENT	SIMPLE ELEVATION	CHAINAGE
890.155 - 876.989	890.064 - 877.680	L=30.000m	L=30.000m	L=30.000m	101800.000	101800.000
890.417 - 878.389	890.845 - 879.089	L=30.000m	L=30.000m	L=30.000m	101870.000	101870.000
890.845 - 879.089	893.339 - 879.789	L=30.000m	L=30.000m	L=30.000m	101880.000	101880.000
900.494 - 880.489	907.395 - 881.189	L=30.000m	L=30.000m	L=30.000m	101890.000	101890.000
912.835 - 881.889	916.271 - 882.589	L=30.000m	L=30.000m	L=30.000m	101900.000	101900.000
916.203 - 883.289	914.085 - 883.989	L=30.000m	L=30.000m	L=30.000m	101910.000	101910.000
910.483 - 884.689	907.623 - 885.389	L=30.000m	L=30.000m	L=30.000m	101920.000	101920.000
905.009 - 886.089	902.930 - 886.789	L=30.000m	L=30.000m	L=30.000m	101930.000	101930.000
900.345 - 887.489	898.838 - 888.189	L=30.000m	L=30.000m	L=30.000m	101940.000	101940.000
898.313 - 888.889	895.236 - 889.589	L=30.000m	L=30.000m	L=30.000m	101950.000	101950.000
894.616 - 890.289	894.744 - 890.989	L=30.000m	L=30.000m	L=30.000m	101960.000	101960.000
896.267 - 891.689	899.211 - 892.389	L=30.000m	L=30.000m	L=30.000m	101970.000	101970.000
898.904 - 893.089	895.713 - 893.709	L=30.000m	L=30.000m	L=30.000m	101980.000	101980.000
896.500 - 895.189	898.127 - 895.889	L=30.000m	L=30.000m	L=30.000m	101990.000	101990.000
899.903 - 896.509	901.679 - 897.289	L=30.000m	L=30.000m	L=30.000m	102000.000	102000.000
905.010 - 897.989	908.376 - 898.689	L=30.000m	L=30.000m	L=30.000m	102010.000	102010.000
911.746 - 899.389	914.829 - 900.089	L=30.000m	L=30.000m	L=30.000m	102020.000	102020.000
911.838 - 900.789	908.863 - 901.489	L=30.000m	L=30.000m	L=30.000m	102030.000	102030.000
906.069 - 902.189	907.894 - 902.889	L=30.000m	L=30.000m	L=30.000m	102040.000	102040.000
909.505 - 903.589	912.566 - 904.989	L=30.000m	L=30.000m	L=30.000m	102050.000	102050.000
910.843 - 904.289	913.088 - 905.689	L=30.000m	L=30.000m	L=30.000m	102060.000	102060.000
912.566 - 904.989	910.408 - 906.389	L=30.000m	L=30.000m	L=30.000m	102070.000	102070.000
906.935 - 907.089	908.458 - 907.789	L=30.000m	L=30.000m	L=30.000m	102080.000	102080.000
909.328 - 908.489	909.443 - 909.189	L=30.000m	L=30.000m	L=30.000m	102090.000	102090.000
910.748 - 909.889	911.728 - 910.589	L=30.000m	L=30.000m	L=30.000m	102100.000	102100.000
912.800 - 911.289	913.549 - 911.989	L=30.000m	L=30.000m	L=30.000m	102110.000	102110.000
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		L=30.000m	L=30.000m	L=30.000m	102200.000	102200.000
		L=30.000m	L=30.000m	L=30.000m	102210.000	102210.000
		L=30.000m	L=30.000m	L=30.000m	102220.000	102220.000
		L=30.000m	L=30.000m	L=30.000m	102230.000	102230.000
		L=30.000m	L=30.000m	L=30.000m	102240.000	102240.000
		L=30.000m	L=30.000m	L=30.000m	102250.000	102250.000
		L=30.000m	L=30.000m	L=30.000m	102260.000	102260.000
		L=30.000m	L=30.000m	L=30.000m	102270.000	102270.000
		L=30.000m	L=30.000m	L=30.000m	102280.000	102280.000
		L=30.000m	L=30.000m	L=30.000m	102290.000	102290.000
		L=30.000m	L=30.000m	L=30.000m	102300.000	102300.000
		L=30.000m	L=30.000m	L=30.000m	102310.000	102310.000
		L=30.000m	L=30.000m	L=30.000m	102320.000	102320.000
		L=30.000m	L=30.000m	L=30.000m	102330.000	102330.000
		L=30.000m	L=30.000m	L=30.000m	102340.000	102340.000
		L=30.000m	L=30.000m	L=30.000m	102350.000	102350.000
		L=30.000m	L=30.000m	L=30.000m	102360.000	102360.000



Client: JORAM

Consultant: K&J-ALLIANCE (PVT) LTD.

K&J-ALLIANCE (PVT) LTD.

Project Name: JORAM-KOLORIANG ROAD

Longitudinal Profile

Scale: 1:1000

Date: 10/10/2023

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PROFITE

-
- ## THE TRAINING WALL

Dexam : 5009 M

Dexam : 5009 M

STATISTICS

EXISTING GROUND

LEVELS

HORIZONTAL

ALIGNMENT

VERTICAL

INTERNETIVE

PAVEMENT

ACKNOWLEDGMENTS

Downloaded At: 11:53 11 September 2009

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from Koberg Road from km 70.00 to km 138.00 (length = 68 km) in the state of

Arunachal Pradesh under SAARP-NL on EPQ Mode

Packaging: 1

Communicational Profile

300–360 km

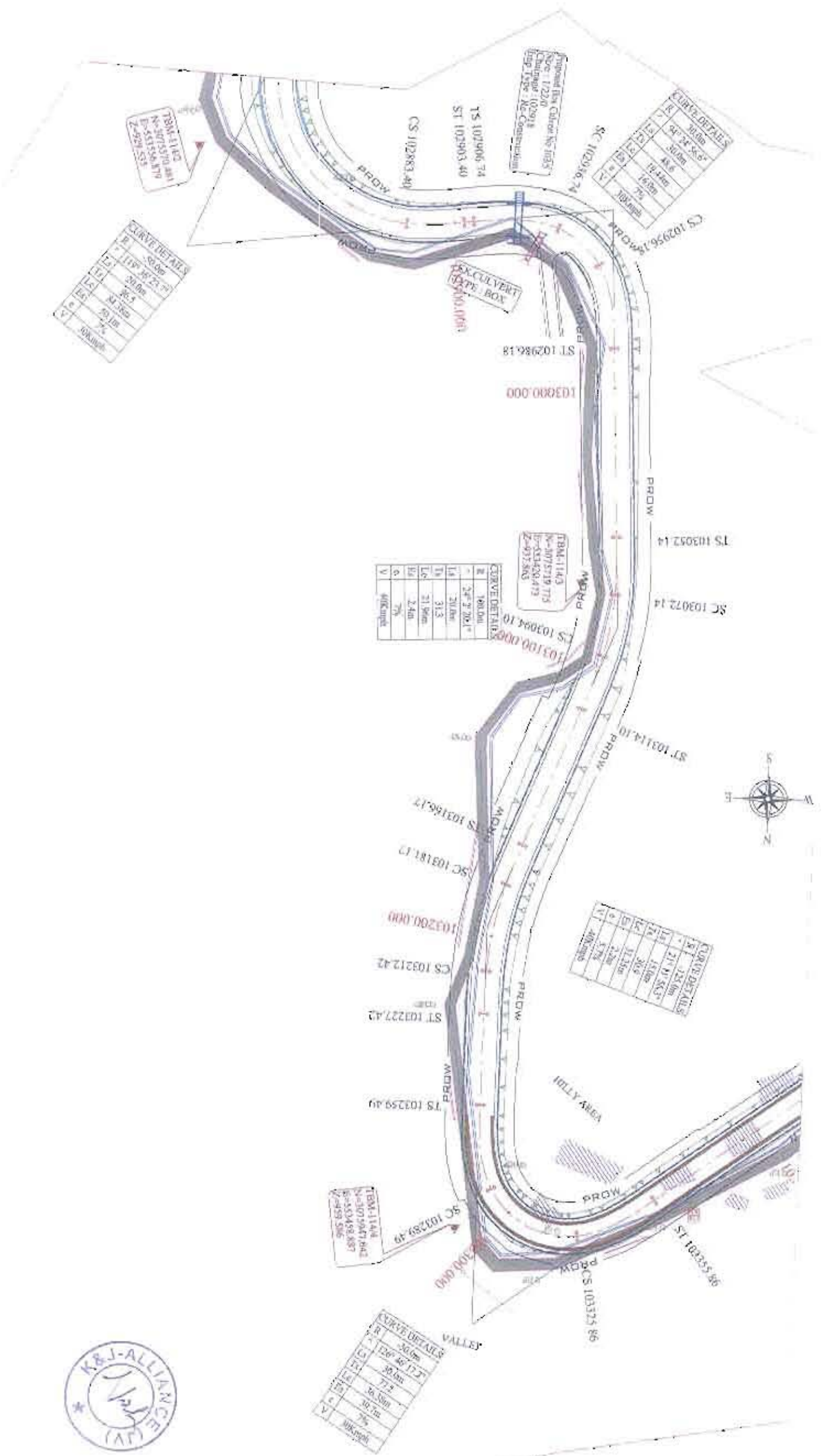
THE UNIVERSITY OF CHICAGO

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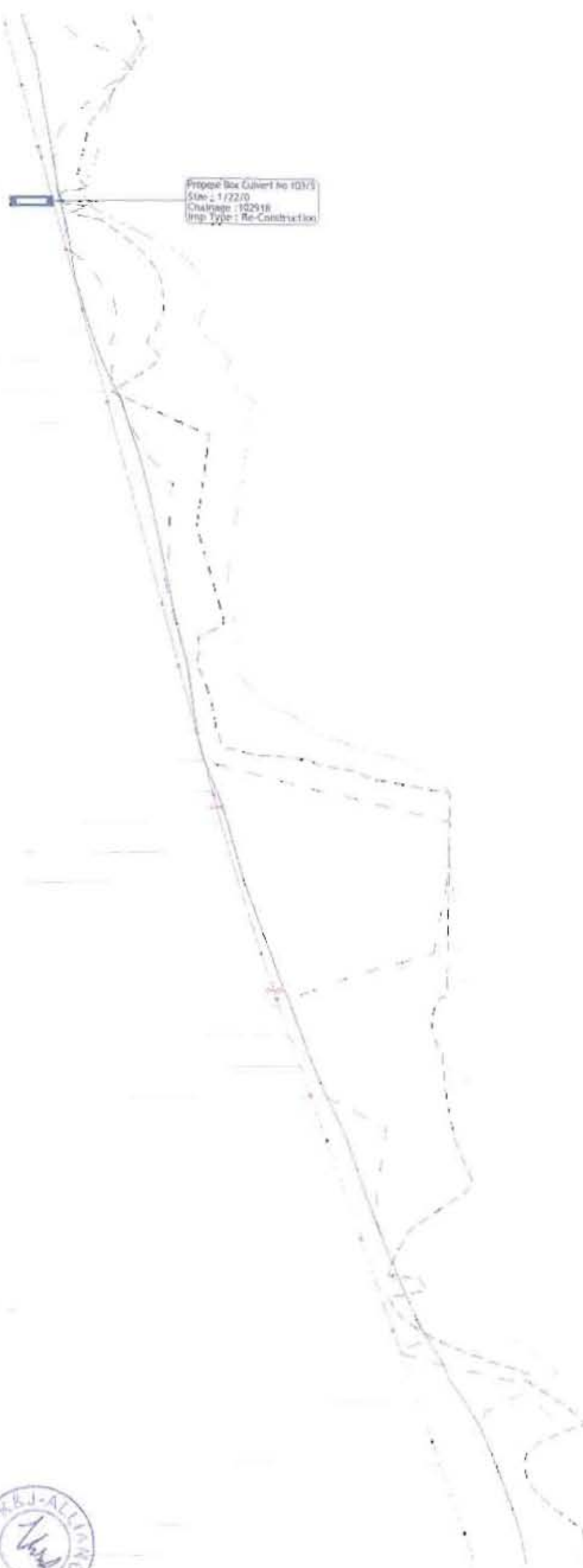
LEGEND :
PLAN : *PROPOSED*

	ROW LINE
	SH EDGE
	RM EDGE
	CM LINE
	TW EDGE
	SL EDGE
	TOE LINE
	HIGH TANGENT PT
	PROW
	OPEN DRAIN
	FOOTPATH
	BRIDGE
	BOX CULVERT
	BREAK T WALL
	RETAINING WALL
	EXISTING
	C/W EDGE
	EXIST ROAD
	RIVER
	EX BRIDGE
	CULVERT
	DRAIN
	CROSS ROAD
	MOUNTAIN POST
	EP
	MTS
	STRUCTURE
	FENCING
	RETAINING WALL
	BRIDGE WALL



LEGEND

- PROFILE**
- PROPOSED ROAD (RED LINE)
 - EXISTING ROAD (BLACK LINE)
 - RIGHT OF WAY (DASHED LINE)
 - VERT. ALIGNMENT POINT
 - GRADE SEPARATION WALL
 - RETAINING WALL



Station: 0+250.00

Station	Existing Ground Level (m)	Proposed Road Level (m)	Vertical Curve Data
0+000	931.786	931.786	
0+050	932.322	932.322	
0+100	932.659	932.659	
0+150	933.395	933.395	
0+200	933.932	933.932	
0+250	934.468	934.468	
0+300	935.005	935.005	
0+350	935.541	935.541	
0+400	936.078	936.078	
0+450	936.614	936.614	
0+500	937.151	937.151	
0+550	937.687	937.687	
0+600	938.224	938.224	
0+650	938.760	938.760	
0+700	939.296	939.296	
0+750	939.833	939.833	
0+800	940.369	940.369	
0+850	940.906	940.906	
0+900	941.442	941.442	
0+950	941.979	941.979	
0+1000	942.515	942.515	
0+1050	943.052	943.052	
0+1100	943.588	943.588	
0+1150	944.125	944.125	
0+1200	944.661	944.661	
0+1250	945.198	945.198	
0+1300	945.737	945.737	
0+1350	946.279	946.279	
0+1400	946.821	946.821	
0+1450	947.361	947.361	
0+1500	947.901	947.901	
0+1550	948.441	948.441	
0+1600	948.981	948.981	
0+1650	949.521	949.521	
0+1700	950.061	950.061	
0+1750	950.601	950.601	
0+1800	951.141	951.141	
0+1850	951.681	951.681	
0+1900	952.221	952.221	
0+1950	952.761	952.761	
0+2000	953.301	953.301	
0+2050	953.841	953.841	
0+2100	954.381	954.381	
0+2150	954.921	954.921	
0+2200	955.461	955.461	
0+2250	956.001	956.001	
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0+2550	959.241	959.241	
0+2600	959.781	959.781	
0+2650	960.321	960.321	
0+2700	960.861	960.861	
0+2750	961.401	961.401	
0+2800	961.941	961.941	
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0+2950	963.561	963.561	
0+3000	964.101	964.101	
0+3050	964.641	964.641	
0+3100	965.181	965.181	
0+3150	965.721	965.721	
0+3200	966.261	966.261	
0+3250	966.801	966.801	
0+3300	967.341	967.341	
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0+3450	968.961	968.961	
0+3500	969.501	969.501	
0+3550	970.041	970.041	
0+3600	970.581	970.581	
0+3650	971.121	971.121	
0+3700	971.661	971.661	
0+3750	972.201	972.201	
0+3800	972.741	972.741	
0+3850	973.281	973.281	
0+3900	973.821	973.821	
0+3950	974.361	974.361	
0+4000	974.901	974.901	
0+4050	975.441	975.441	
0+4100	975.981	975.981	
0+4150	976.521	976.521	
0+4200	977.061	977.061	
0+4250	977.601	977.601	
0+4300	978.141	978.141	
0+4350	978.681	978.681	
0+4400	979.221	979.221	
0+4450	979.761	979.761	
0+4500	980.301	980.301	
0+4550	980.841	980.841	
0+4600	981.381	981.381	
0+4650	981.921	981.921	
0+4700	982.461	982.461	
0+4750	983.001	983.001	
0+4800	983.541	983.541	
0+4850	984.081	984.081	
0+4900	984.621	984.621	
0+4950	985.161	985.161	
0+5000	985.701	985.701	
0+5050	986.241	986.241	
0+5100	986.781	986.781	
0+5150	987.321	987.321	
0+5200	987.861	987.861	
0+5250	988.401	988.401	
0+5300	988.941	988.941	
0+5350	989.481	989.481	
0+5400	990.021	990.021	
0+5450	990.561	990.561	
0+5500	991.101	991.101	
0+5550	991.641	991.641	
0+5600	992.181	992.181	
0+5650	992.721	992.721	
0+5700	993.261	993.261	
0+5750	993.801	993.801	
0+5800	994.341	994.341	
0+5850	994.881	994.881	
0+5900	995.421	995.421	
0+5950	995.961	995.961	
0+6000	996.501	996.501	
0+6050	997.041	997.041	
0+6100	997.581	997.581	
0+6150	998.121	998.121	
0+6200	998.661	998.661	
0+6250	999.201	999.201	
0+6300	999.741	999.741	
0+6350	1000.281	1000.281	
0+6400	1000.821	1000.821	
0+6450	1001.361	1001.361	
0+6500	1001.901	1001.901	
0+6550	1002.441	1002.441	
0+6600	1002.981	1002.981	
0+6650	1003.521	1003.521	
0+6700	1004.061	1004.061	
0+6750	1004.601	1004.601	
0+6800	1005.141	1005.141	
0+6850	1005.681	1005.681	
0+6900	1006.221	1006.221	
0+6950	1006.761	1006.761	
0+7000	1007.301	1007.301	
0+7050	1007.841	1007.841	
0+7100	1008.381	1008.381	
0+7150	1008.921	1008.921	
0+7200	1009.461	1009.461	
0+7250	1010.001	1010.001	
0+7300	1010.541	1010.541	
0+7350	1011.081	1011.081	
0+7400	1011.621	1011.621	
0+7450	1012.161	1012.161	
0+7500	1012.701	1012.701	
0+7550	1013.241	1013.241	
0+7600	1013.781	1013.781	
0+7650	1014.321	1014.321	
0+7700	1014.861	1014.861	
0+7750	1015.401	1015.401	
0+7800	1015.941	1015.941	
0+7850	1016.481	1016.481	
0+7900	1017.021	1017.021	
0+7950	1017.561	1017.561	
0+8000	1018.101	1018.101	
0+8050	1018.641	1018.641	
0+8100	1019.181	1019.181	
0+8150	1019.721	1019.721	
0+8200	1020.261	1020.261	
0+8250	1020.801	1020.801	
0+8300	1021.341	1021.341	
0+8350	1021.881	1021.881	
0+8400	1022.421	1022.421	
0+8450	1022.961	1022.961	
0+8500	1023.501	1023.501	
0+8550	1024.041	1024.041	
0+8600	1024.581	1024.581	
0+8650	1025.121	1025.121	
0+8700	1025.661	1025.661	
0+8750	1026.201	1026.201	
0+8800	1026.741	1026.741	
0+8850	1027.281	1027.281	
0+8900	1027.821	1027.821	
0+8950	1028.361	1028.361	
0+9000	1028.901	1028.901	

1

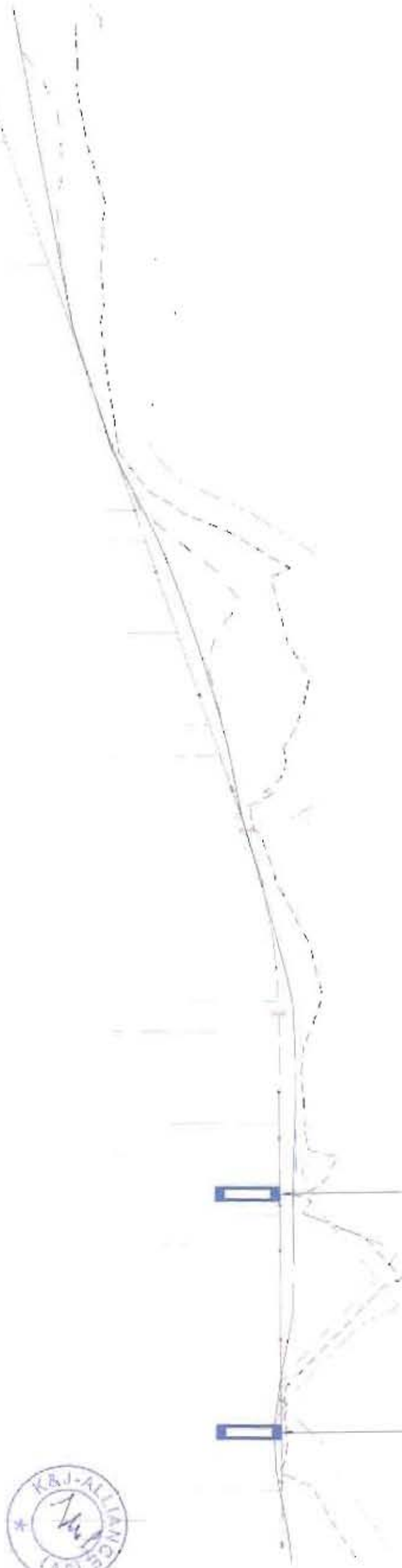
The drawing is a technical plan view of a proposed highway project, showing a bridge structure crossing a waterway. The bridge is labeled 'PROPOSED' and 'VALLEY'. The drawing includes various stationing markers and elevation data points. Key features include:

- Stationing:** ST 103355.86, ST 103442.02, ST 103543.00, ST 103583.33, ST 103644.33, ST 103712.78, ST 103777.78, ST 103793.72, ST 103844.72, ST 103861.78, ST 103860.78, ST 103861.78, ST 103861.78.
- Elevation Data:** 103400.000, 103500.000, 103600.000, 103700.000, 103800.000, 103900.000.
- Structural Details:** DRIVE DETAILS, ELEVATION, and various tables with columns for stationing and elevation.
- North Arrow:** Located in the bottom right corner, pointing towards the top right.
- Scale Bar:** Located in the bottom right corner, showing a scale of 1 inch = 100 feet.
- Circular Stamp:** Located in the bottom left corner, with the text 'C&J-ALLIANCE' and a signature.

 Client K. A. J. Projects Pvt. Ltd. Alliance Engineers & Consultants (P) Ltd. Plot No. 4, 6th Floor, Marigold, Opposite to The P. V. Narayana Murthy Center P. O. 1122004, Sec. 47, Hyderabad - 500 047	Consultant	Project Name Consultancy Services for preparation of Detailed Project report for 2-Laning of Jorann-Kolothang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SARDP-SE on EPC Mode	Plan	Scale 1:1250 1:500 1:250	Sheet No. KJA/ARDP/RS&D/DP/SP/3/45
Package 1-2	From 2-Km 102.500 to Km 103.000				

LEGEND:

- PROFILE:**
- PROPOSED LEVEL/INVERT
 - EXIST. ROAD LEVEL
 - EXIST. LAND. 1/1000 D/L
 - ADJUSTED LEVEL
 - HIGHWAY TO ADJUST
 - VERT. TANGENT POINT
 - SHOULDER WALL
 - REPAIRING WALL



Station: 901 M

PROPOSED ROAD LEVEL	EXISTING ROAD LEVEL	EXISTING LAND. 1/1000 D/L	ADJUSTED LEVEL	HIGHWAY TO ADJUST	VERT. TANGENT POINT	SHOULDER WALL	REPAIRING WALL
969.222	961.963						
969.301	962.655						
969.320	963.348						
969.575	964.040						
969.955	964.733						
970.546	965.425						
971.163	966.118						
970.954	966.811						
970.877	967.503						
971.058	968.196						
970.840	968.888						
971.111	969.581						
971.382	970.273						
971.695	970.966						
971.958	971.658						
973.345	972.351						
975.919	973.044						
980.211	973.736						
982.521	974.429						
982.302	975.121						
982.813	975.814						
983.857	976.506						
984.122	977.199						
983.542	977.892						
982.812	978.584						
981.901	979.277						
980.596	979.969						
981.532	980.662						
982.161	981.354						
983.159	982.046						
984.221	982.739						
984.803	983.431						
985.084	984.123						
984.395	984.815						
983.876	985.507						
983.922	986.199						
984.054	986.891						
985.424	987.583						
984.984	988.275						
984.231	988.967						
983.455	990.000						
990.263	991.000						
987.877	992.000						
985.977	993.000						
984.058	994.000						
982.745	995.000						
982.854	996.000						
982.761	997.000						
984.672	998.000						
985.783	999.000						
987.096	1000.000						

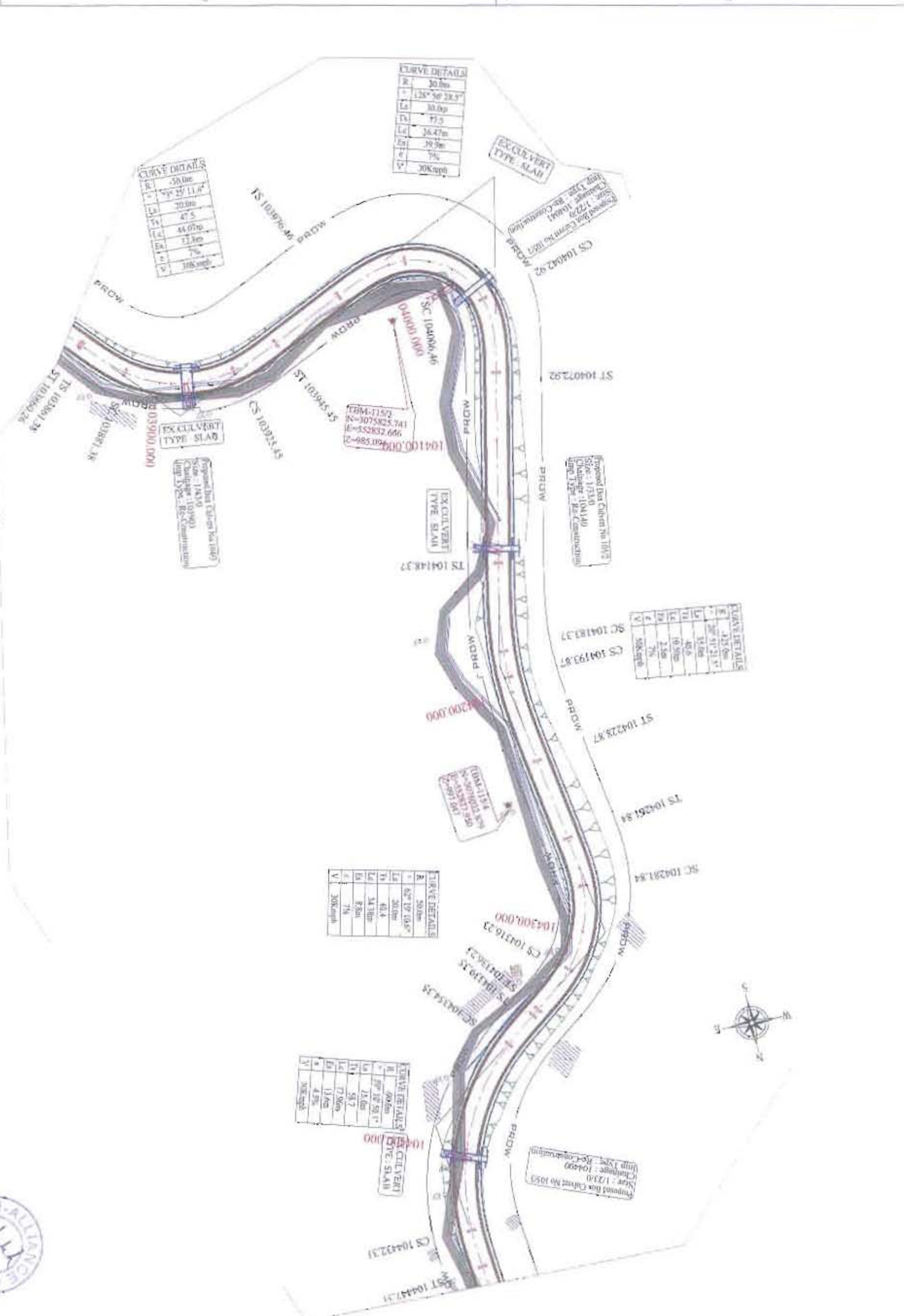


Propose Box Culvert No 10471
Size : 1/33/0
Chainage : 10374
Jimp Type : Re-Construction

Propose Box Culvert No 10472
Size : 1/33/0
Chainage : 103821
Jimp Type : Re-Construction

LEGEND:
PLAN: **PROPOSED**

	TOP LINE
	SW EDGE
	CW EDGE
	CEN LINE
	CW EDGE
	SW EDGE
	TOP LINE
	ROAD TAPERING PT
	PROP ROAD
	OPEN DRAIN
	FOOTPATH
	BRIDGE
	BOX CULVERT
	RETAINING WALL



Client: K&J Projects Pvt. Ltd.

Consultant: K&J Projects Pvt. Ltd.

Project Name: Consultancy Services for preparation of Detailed Project report for 2-laning of Joram-Koloriang Road from Km 70.00 to Km 138.00 (Length = 68 Km) in the state of Arunachal Pradesh under SAHIP-NE on EPC Mode

Package: 2

From: 10/08/2019 to 10/08/2019

Scale: 1:10000

Drawn by: K&J Projects Pvt. Ltd.

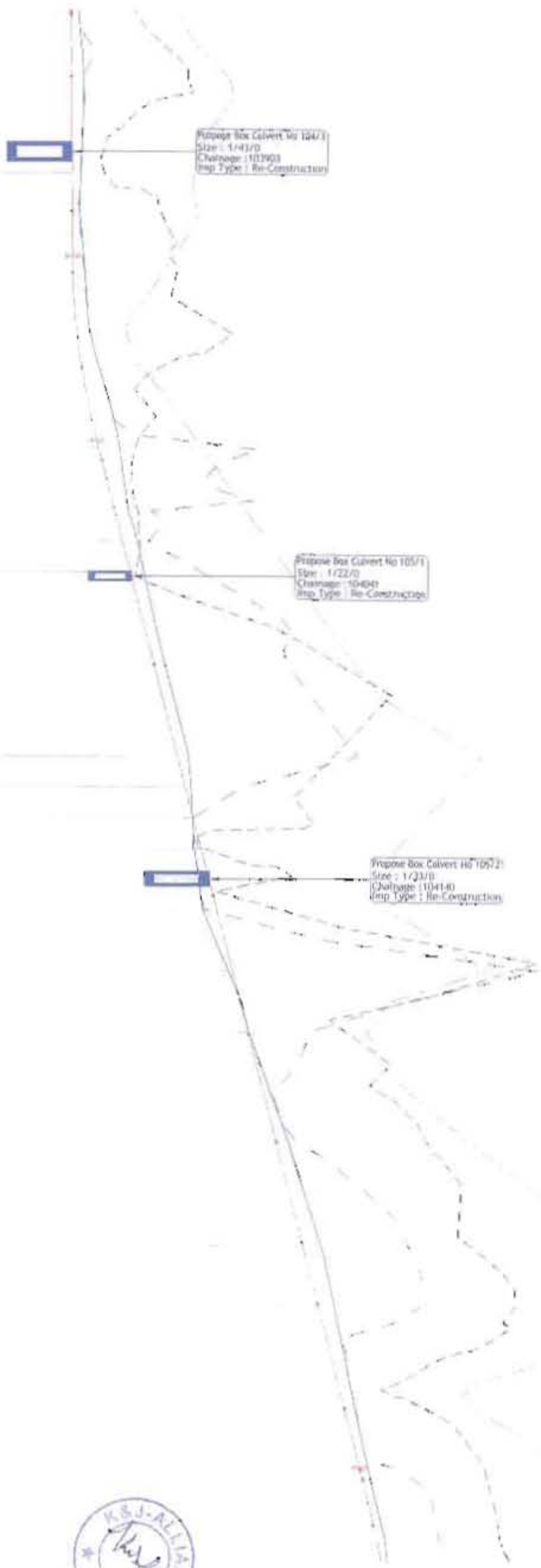
Checked by: K&J Projects Pvt. Ltd.

Approved by: K&J Projects Pvt. Ltd.

LEGEND

PROFILE

- PROPOSED LEVEL/ROAD
- EXISTING ROAD LEVEL
- EXISTING LEVEL/ROAD
- LEFT TOE FENCE
- RIGHT TOE FENCE
- WATER TANK/STATION
- PROPOSED WALL
- RETAINING WALL

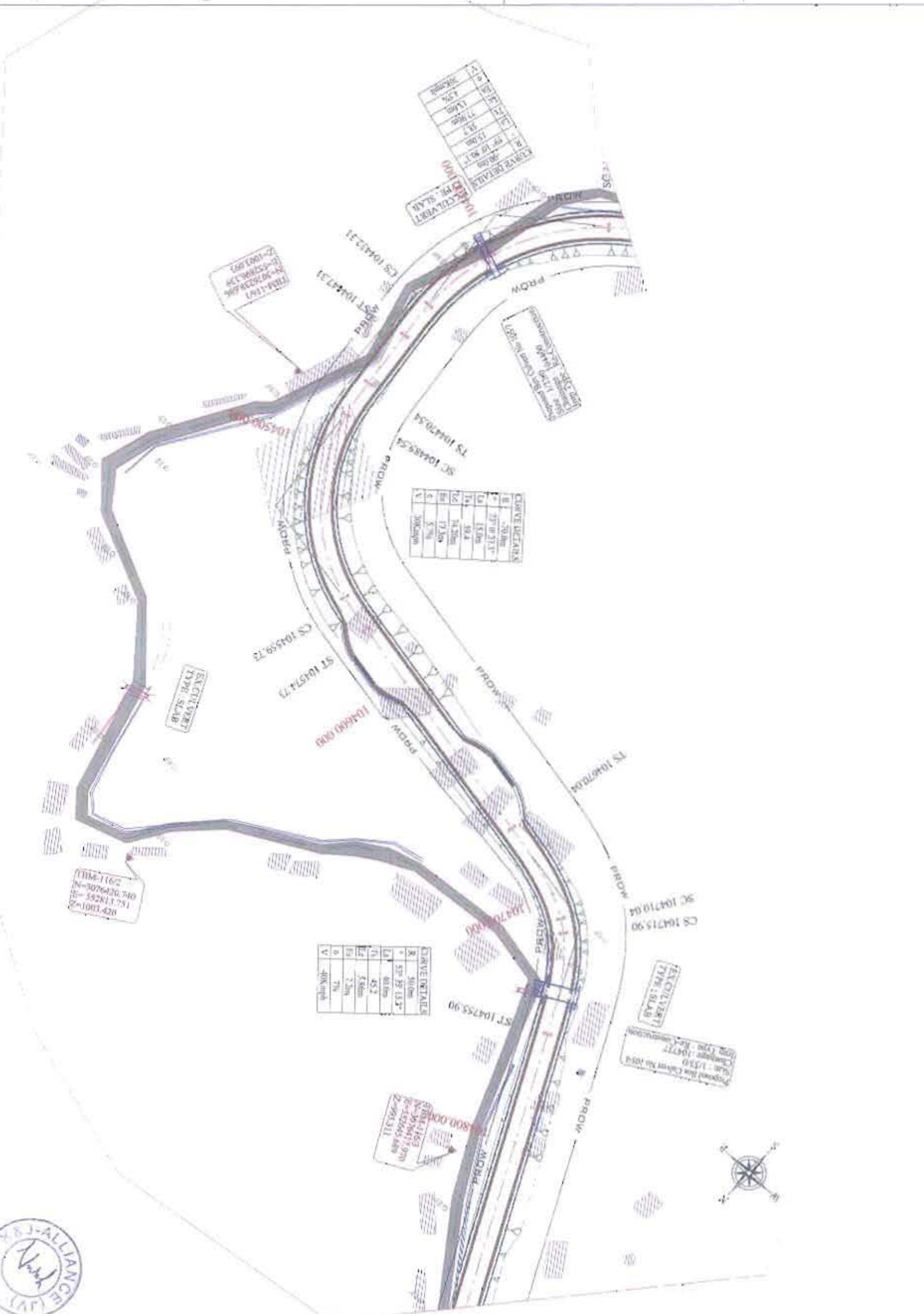


PROPOSED ROAD	EXISTING GROUND LEVELS	PROPOSED ROAD	EXISTING GROUND LEVELS	PROPOSED ROAD	EXISTING GROUND LEVELS
987.096	982.573	989.005	982.584	990.212	982.596
989.005	982.584	990.212	982.596	986.888	982.607
984.746	982.619	984.709	982.630	983.220	982.642
989.087	982.653	989.390	982.669	989.042	982.746
992.312	982.906	989.553	983.149	986.673	983.475
987.930	983.854	986.675	984.372	986.889	985.390
986.875	984.372	986.879	985.398	988.764	986.407
991.014	986.916	996.437	987.425	999.950	987.934
1003.320	988.442	1001.433	988.951	999.546	989.460
997.659	989.969	998.022	990.478	991.221	990.986
995.932	991.495	996.148	992.004	1004.705	992.513
1011.153	993.021	1004.620	993.530	1000.377	994.039
1003.156	994.548	1002.671	995.057	1005.004	995.565
1006.178	996.074	1007.868	996.583	1007.731	997.092
1008.439	997.600	1010.707	998.109	1011.313	998.628
1010.137	999.127	1005.485	999.636	1004.248	1000.144
1007.552	1000.653	1009.078	1001.162	1009.702	1001.660
1010.204	1002.123	1010.595	1002.548		

LEGEND:

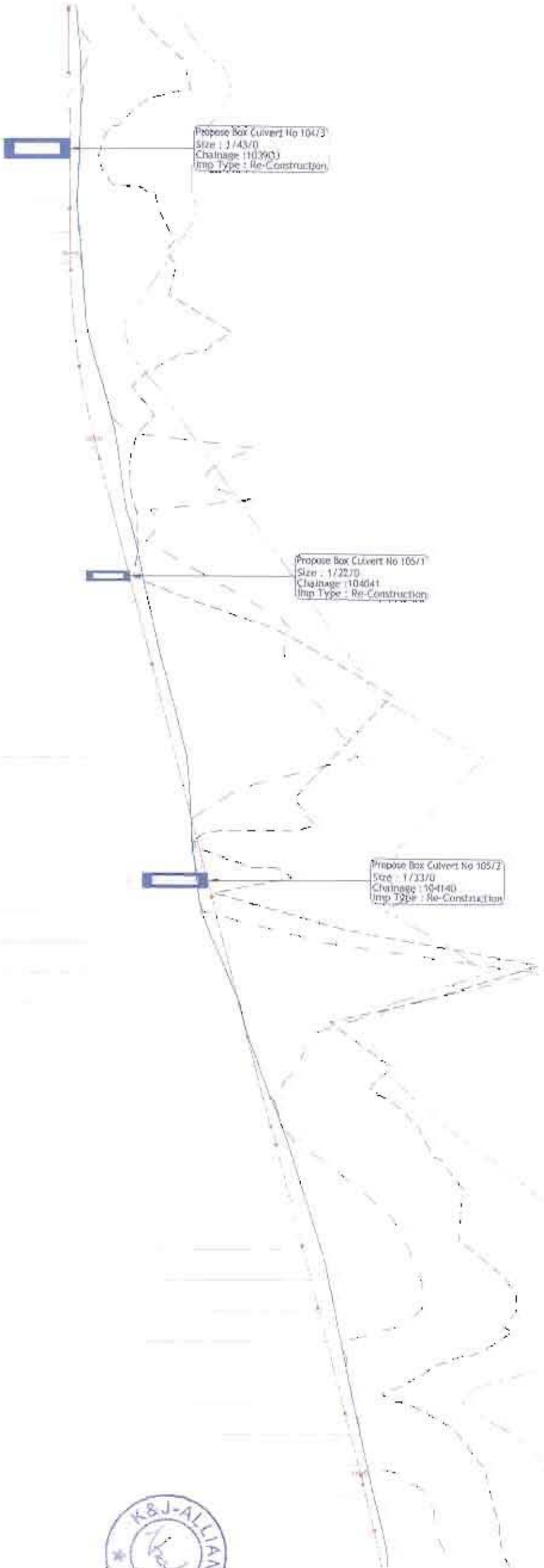
PLAN:

- ROAD LINE
- SH EDOGE
- CW EDOGE
- CDN LINE
- CW EDOGE
- SH EDOGE
- TOE LINE
- ADJ. TANGENT PT.
- PROW ROW
- OPEN DRAIN
- FLOODPLAIN
- GRASS
- BOX CULVERT
- BREAST WALL
- RETAINING WALL
- EXISTING
- PLAN:
- EXISTING
- NEW EDOGE
- CW EDOGE
- EXIST. ROAD
- INLET
- EX. BRIDGE
- CULVERT
- DRAIN
- CROSS ROAD
- RAILWAY ROW
- PROW
- STRUCTURE
- FENCING
- WALKING WALK
- BREAST WALL



LEGEND:

- PROFILE**
- PROF. LEVEL (mssd)
 - EXIST. ROAD LEVEL
 - EXIST. LEVEL AT R/O CL
 - LEFT TOE LEVEL
 - RIGHT TOE LEVEL
 - VER. JAWSENT POINT
 - GREAST WALL
 - RETAINING WALL



DRUM : 999M

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAYMENT	SURFELEVATION	CHANGING
1010.595	1002.548					
1010.404	1002.936					
1006.845	1003.286					
1004.643	1003.600					
1003.391	1003.876					
1004.219	1004.116					
1007.075	1004.318					
1007.235	1004.482					
1006.679	1004.610					
1005.606	1004.703					
1003.174	1004.754					
1006.057	1004.770					
1002.585	1004.749					
1010.050	1004.693					
1017.911	1004.595					
1023.701	1004.462					
1023.794	1004.293					
1024.170	1004.086					
1024.819	1003.852					
1025.724	1003.617					
1026.875	1003.382					
1026.098	1003.147					
1024.479	1002.912					
1024.787	1002.677					
1022.037	1002.443					
1021.241	1002.208					
1019.174	1001.973					
1017.086	1001.738					
1016.640	1001.503					
1014.968	1001.268					
1013.555	1001.033					
1010.652	1000.798					
1007.303	1000.563					
1005.521	1000.329					
1009.299	1000.094					
1008.617	999.859					
1006.866	999.624					
1004.959	999.389					
1003.941	999.154					
1004.346	998.919					
1006.441	998.684					
1007.908	998.449					
1009.375	998.214					
1010.555	997.980					
1012.169	997.745					
1010.390	997.510					
1008.862	997.275					
1010.693	997.040					
1010.386	996.805					
1008.124	996.570					
1005.862	996.335					

200 CSD 250 WARM 85 DBM 40 BC

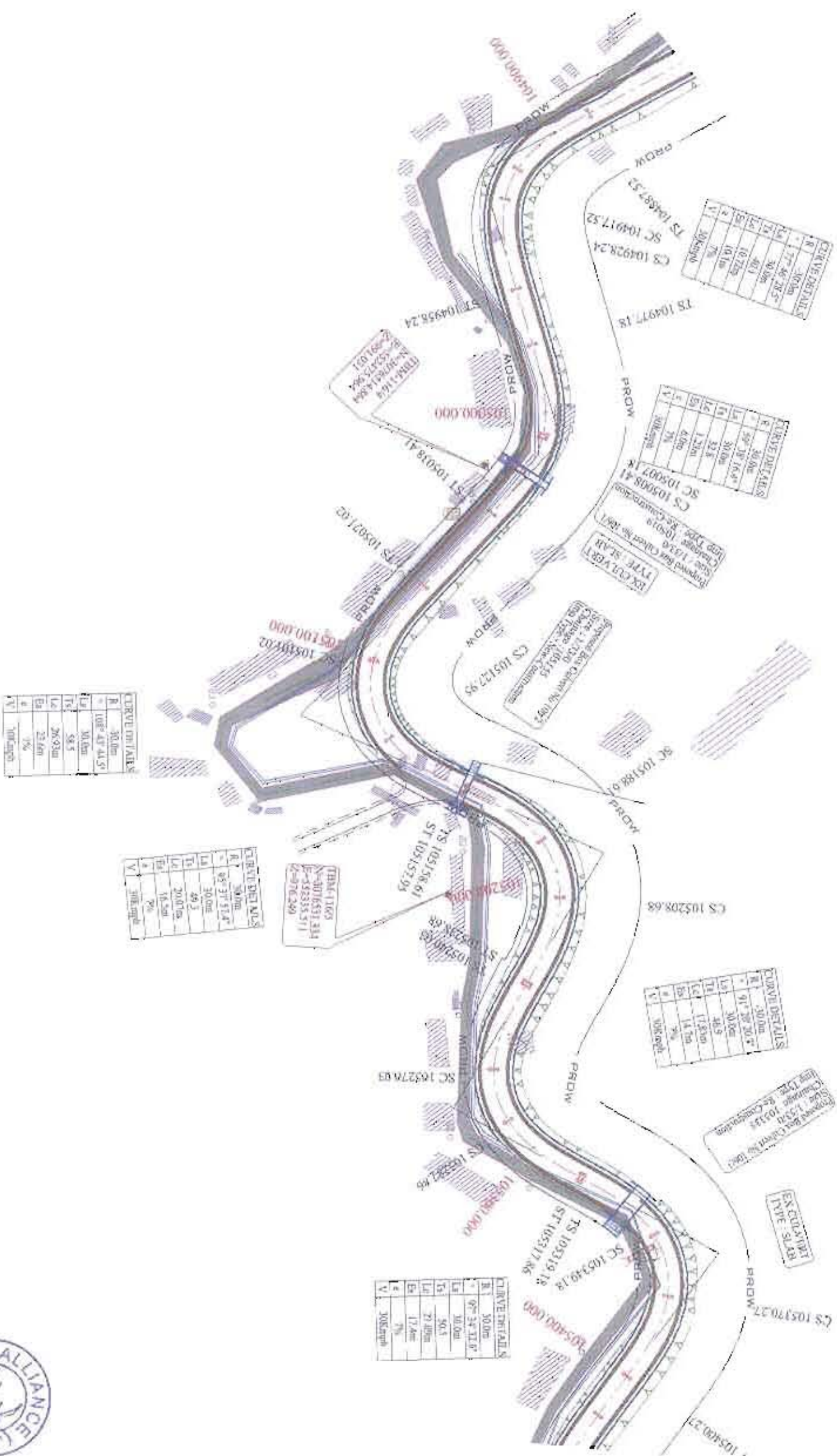
VER. JAWSENT POINT

GREAST WALL

RETAINING WALL

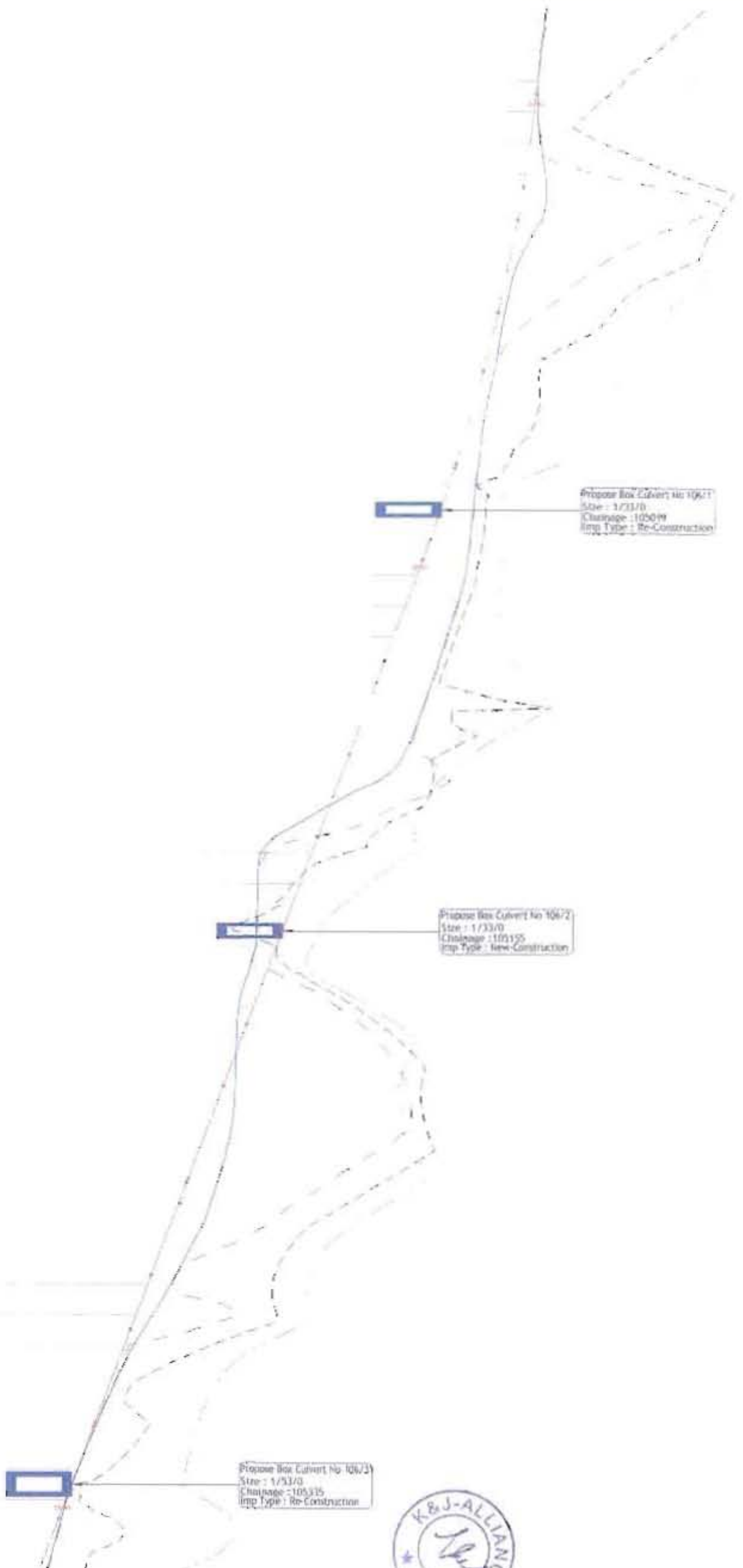
LEGEND:
PLAN **PROPOSED**

- TOE LINE
- SH EDGE
- SW EDGE
- CEN LINE
- CW EDGE
- SH EDGE
- TOE LINE
- HOR TANGENT PT
- PROW
- PROW ROW
- OPEN DRAIN
- FOOTPATH
- BRIDGE
- BOX CULVERT
- BREAST WALL
- RETAINING WALL
- EXISTING
- CEN LINE
- CW EDGE
- EXIST ROAD
- RAILWAY
- EX BRIDGE
- CULVERT
- DRAIN
- CROSS ROAD
- KIDNEY POB
- CEP
- FP
- HTP
- STRUCTURE
- FENCING
- RETAINING WALL
- BREAST WALL



LEGEND:

- PROFILE:
- PROPOSED LEVEL/ROAD
 - EXIST. ROAD LEVEL
 - GRADE (LEVEL) ROAD EX.
 - LEFT T.O.E. LEVEL
 - RIGHT T.O.E. LEVEL
 - USE & TRANSPORT POINT
 - BREAST WALL
 - RETAINING WALL



Station : 972M

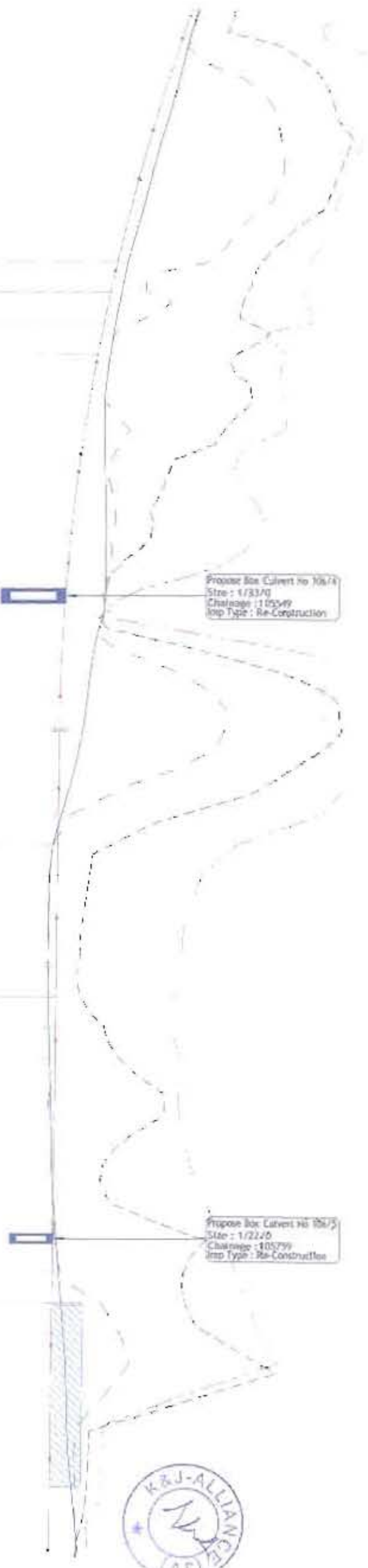
PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAVEMENT	SUBGRADE EVALUATION	CHARTER
1005.882	996.535					
1003.641	996.100					
1001.426	995.266					
999.136	995.618					
996.893	995.369					
1004.506	995.074					
1007.997	994.343					
1006.831	994.378					
1005.317	993.879					
1001.493	993.544					
999.761	993.075					
996.213	992.570					
995.917	992.032					
995.723	991.458					
994.221	990.849					
992.239	990.206					
992.439	989.528					
992.240	988.836					
991.868	988.069					
991.235	987.312					
990.510	986.556					
989.785	985.799					
989.050	985.045					
988.953	984.286					
988.950	983.530					
988.934	982.773					
986.243	982.017					
983.287	981.260					
979.991	980.504					
978.058	979.747					
978.872	978.990					
980.753	978.234					
984.092	977.477					
986.712	976.721					
988.514	975.964					
988.256	975.208					
988.642	974.451					
988.085	973.695					
984.758	972.938					
981.453	972.182					
979.520	971.425					
978.685	970.669					
979.031	969.912					
974.693	969.155					
970.421	968.399					
969.569	967.642					
970.134	966.886					
968.222	966.129					
968.233	965.373					
969.255	964.617					
966.785	963.903					

200 OSB + 250 WAIN + 40 INCH

200 OSB + 250 WAIN + 85 DRAIN + 40 INCH

LEGEND:

- PROFILE:
- PROJ. LEVEL (dashed line)
 - EXIST. ROAD LEVEL (solid line)
 - EXIST. LEVEL AT PVI (solid line)
 - LEFT TOE LEVEL (dashed line)
 - RIGHT TOE LEVEL (dashed line)
 - VERT. TANGENT POINT (dot)
 - BRIDGE WALL (hatched area)
 - RETAINING WALL (hatched area)



Datum : 954 M

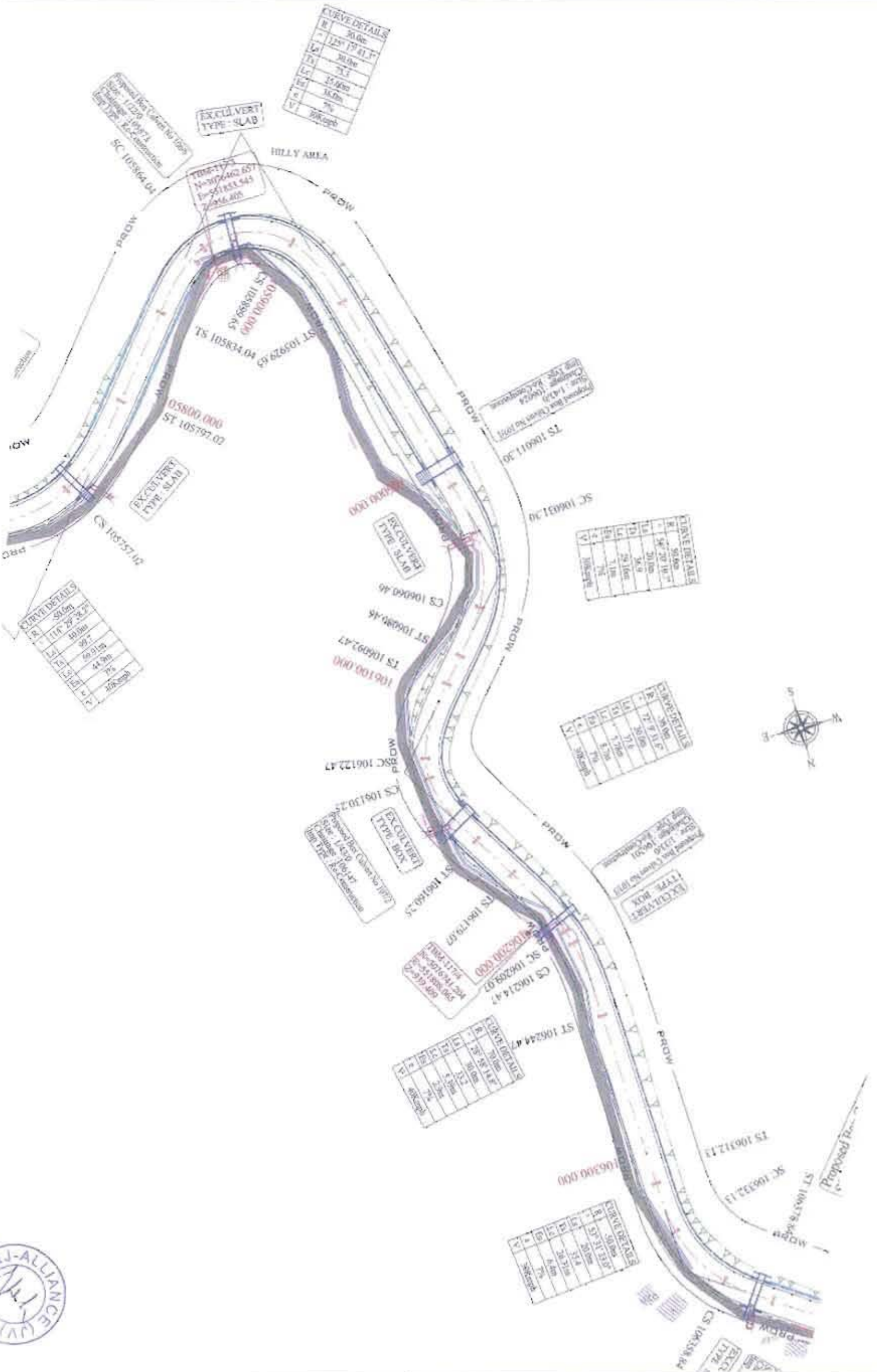
PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	VERT. CURVE DATA	VERTICAL ALIGNMENT	PAVEMENT	SEWER ELEVATION	RAINFALL
966.785	963.903	L=30.00m E=29.000m I=29.20m E=30.00m I=29.20m	VERT. CURVE DATA	PAVEMENT	SEWER ELEVATION	RAINFALL
969.780	963.211					
972.352	962.549					
973.228	961.915					
974.406	961.311	L=30.00m E=29.000m I=29.20m E=30.00m I=29.20m	VERT. CURVE DATA	PAVEMENT	SEWER ELEVATION	RAINFALL
973.592	960.736					
972.784	960.190					
970.521	959.673					
968.508	959.186	L=30.00m E=29.000m I=29.20m E=30.00m I=29.20m	VERT. CURVE DATA	PAVEMENT	SEWER ELEVATION	RAINFALL
967.578	958.727					
967.790	958.298					
966.919	957.897					
967.729	957.526	L=30.00m E=29.000m I=29.20m E=30.00m I=29.20m	VERT. CURVE DATA	PAVEMENT	SEWER ELEVATION	RAINFALL
966.950	957.184					
965.177	956.872					
962.372	956.586					
961.446	956.333	L=30.00m E=29.000m I=29.20m E=30.00m I=29.20m	VERT. CURVE DATA	PAVEMENT	SEWER ELEVATION	RAINFALL
961.262	956.108					
959.186	955.912					
958.299	955.745					
958.936	955.607	L=30.00m E=29.000m I=29.20m E=30.00m I=29.20m	VERT. CURVE DATA	PAVEMENT	SEWER ELEVATION	RAINFALL
967.023	955.498					
972.460	955.418					
973.479	955.368					
972.102	955.339	L=30.00m E=29.000m I=29.20m E=30.00m I=29.20m	VERT. CURVE DATA	PAVEMENT	SEWER ELEVATION	RAINFALL
968.939	955.311					
963.438	955.283					
958.736	955.255					
957.296	955.227	L=30.00m E=29.000m I=29.20m E=30.00m I=29.20m	VERT. CURVE DATA	PAVEMENT	SEWER ELEVATION	RAINFALL
956.986	955.199					
956.696	955.171					
956.488	955.143					
956.712	955.115	L=30.00m E=29.000m I=29.20m E=30.00m I=29.20m	VERT. CURVE DATA	PAVEMENT	SEWER ELEVATION	RAINFALL
956.213	955.087					
959.206	955.059					
961.605	955.031					
961.702	955.003	L=30.00m E=29.000m I=29.20m E=30.00m I=29.20m	VERT. CURVE DATA	PAVEMENT	SEWER ELEVATION	RAINFALL
958.793	954.975					
957.987	954.947					
959.892	954.919					
964.685	954.891	L=30.00m E=29.000m I=29.20m E=30.00m I=29.20m	VERT. CURVE DATA	PAVEMENT	SEWER ELEVATION	RAINFALL
963.478	954.863					
963.454	954.835					
964.945	954.807					
968.257	954.779	L=30.00m E=29.000m I=29.20m E=30.00m I=29.20m	VERT. CURVE DATA	PAVEMENT	SEWER ELEVATION	RAINFALL
964.953	954.751					
958.554	954.723					
957.189	954.695					
957.088	954.667	L=30.00m E=29.000m I=29.20m E=30.00m I=29.20m	VERT. CURVE DATA	PAVEMENT	SEWER ELEVATION	RAINFALL
956.832	954.639					
956.452	954.611					

LEGEND:
PLAN:

- TOE LINE
- SH EDGE
- C/W EDGE
- CEN LINE
- C/W EDGE
- SH EDGE
- TOE LINE
- HOB TANGENT PT
- PROW
- PROW ROW
- OPEN DRAIN
- FOOTPATH
- BRIDGE
- BOX CULVERT
- BREAST WALL
- RETAINING WALL
- PAVE EDGE
- CEN LINE
- C/W EDGE
- EXIST ROAD
- INLET
- EX BRIDGE
- CULVERT
- DRAIN
- CROSS ROAD
- ALUMINUM POST
- EP
- H/W
- STRUCTURE
- TRAINING
- REINFORCING WALL
- BREAST WALL

LEGEND:
PLAN:

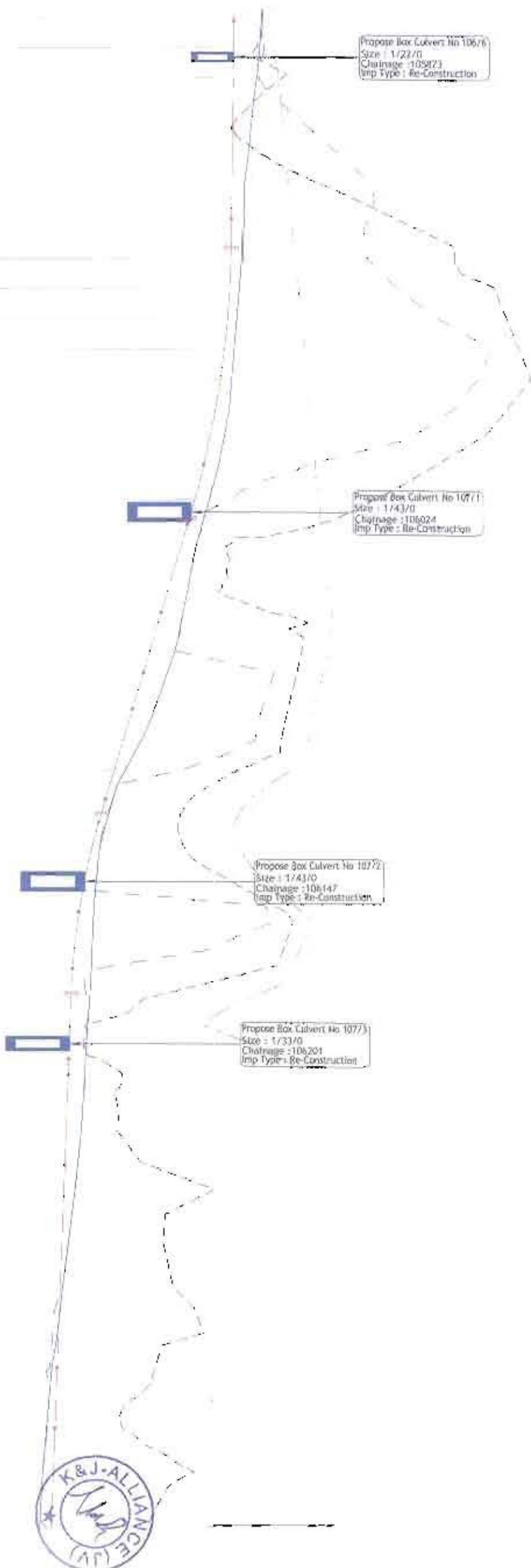
- PAVE EDGE
- CEN LINE
- C/W EDGE
- EXIST ROAD
- INLET
- EX BRIDGE
- CULVERT
- DRAIN
- CROSS ROAD
- ALUMINUM POST
- EP
- H/W
- STRUCTURE
- TRAINING
- REINFORCING WALL
- BREAST WALL



LEGEND:

PROFILE:

- PROPOSED ELEVATION
EXIST. ROAD LEVEL
EXIST. LEVEL AT PWD CL
LEFT-TOE LEVEL
RIGHT-TOE LEVEL
VERT. TANGENT POINT
BREASTING WALL
RETAINING WALL



Propose Box Culvert No 10676
Size : 1/23/0
Chainage : 105923
Imp Type : Re-Construction

Propose Box Culvert No 10771
Size : 1/43/0
Chainage : 106024
Imp Type : Re-Construction

Propose Box Culvert No 10772
Size : 1/43/0
Chainage : 106147
Imp Type : Re-Construction

Propose Box Culvert No 10773
Size : 1/33/0
Chainage : 106201
Imp Type : Re-Construction

Datum : 94.2 M			
PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS		
956.452	954.611		
955.938	954.583		
957.661	954.555		
955.374	954.527		
954.928	954.499		
958.058	954.471		
962.472	954.443		
966.629	954.415		
969.099	954.383		
971.711	954.360		
972.511	954.153		
973.311	953.944		
974.100	953.671		
972.500	953.335		
970.598	952.936		
967.330	952.474		
963.792	951.948		
958.663	951.364		
954.176	950.767		
953.601	950.171		
959.008	949.574		
958.951	948.977		
958.482	948.381		
957.993	947.784		
957.567	947.188		
954.686	946.591		
951.538	945.994		
950.807	945.412		
951.939	944.909		
955.366	944.493		
958.325	944.164		
957.664	943.921		
953.280	943.766		
947.628	943.682		
944.503	943.607		
948.900	943.531		
946.716	943.455		
946.758	943.380		
948.226	943.304		
953.022	943.228		
949.899	943.153		
949.904	943.077		
950.346	943.001		
951.893	942.926		
950.347	942.850		
949.167	942.774		
947.566	942.699		
947.361	942.623		
950.519	942.547		
949.965	942.472		
948.871	942.396		

LEGEND :

- PROFILE :
- PROF. LEVEL (1/1000)
 - EXIST. ROAD LEVEL
 - LEFT TIE LEVEL
 - RIGHT TIE LEVEL
 - VERT. TANGENT POINT
 - DIE-AST WALL
 - RETAINING WALL

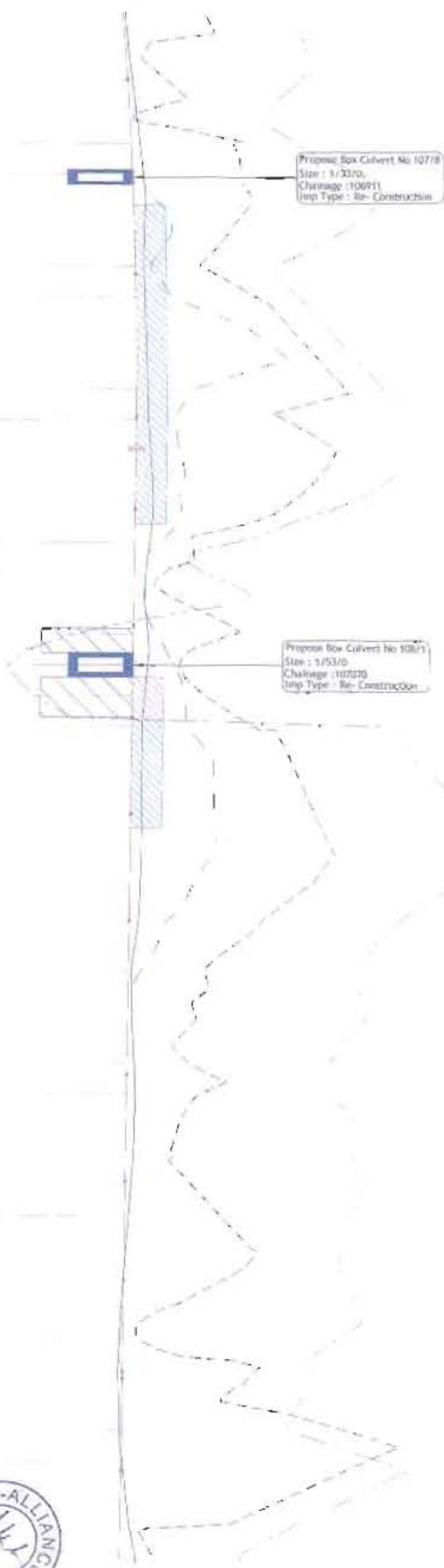


PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAVEMENT	SURFELEVATION	CHAINAGE
948.871	942.596					106360.000
948.105	942.320					106370.000
947.470	942.245					106380.000
946.843	942.169					106390.000
946.529	942.093					106400.000
946.692	942.017					106410.000
947.245	941.942					106420.000
941.111	941.866					106430.000
940.524	941.790					106440.000
940.861	941.715					106450.000
949.264	941.639					106460.000
955.880	941.563					106470.000
943.081	941.488					106480.000
940.957	941.412					106490.000
940.879	941.336					106500.000
941.878	941.261					106510.000
946.357	941.185					106520.000
950.804	941.109					106530.000
949.816	941.034					106540.000
948.529	940.958					106550.000
945.668	940.882					106560.000
942.626	940.807					106570.000
944.199	940.731					106580.000
944.312	940.655					106590.000
943.335	940.580					106600.000
941.503	940.504					106610.000
940.226	940.428					106620.000
940.475	940.353					106630.000
941.940	940.277					106640.000
941.895	940.201					106650.000
941.305	940.125					106660.000
943.250	940.129					106670.000
945.798	940.127					106680.000
949.051	940.150					106690.000
951.454	940.196					106700.000
952.698	940.267					106710.000
951.557	940.363					106720.000
949.555	940.482					106730.000
941.740	940.626					106740.000
942.534	940.790					106750.000
946.325	940.956					106760.000
948.606	941.123					106770.000
948.592	941.289					106780.000
947.226	941.456					106790.000
946.284	941.622					106800.000
946.372	941.789					106810.000
947.860	941.955					106820.000
944.952	942.122					106830.000
943.127	942.288					106840.000
946.263	942.448					106850.000
948.109	942.596					106860.000



LEGEND:

- PROFILE:**
- ROAD LEVEL (dashed line)
 - ROAD LEVEL (solid line)
 - ROAD LEVEL (dotted line)
 - ROAD LEVEL (dash-dot line)
 - ROAD LEVEL (long-dash line)
 - ROAD LEVEL (short-dash line)
 - ROAD LEVEL (diagonal line)
 - ROAD LEVEL (zigzag line)
 - ROAD LEVEL (wavy line)
 - ROAD LEVEL (staircase line)
 - ROAD LEVEL (other symbols)



Datum : 93.5 M

PROPOSED ROAD LEVELS	EXISTING GROUND LEVELS	HORIZONTAL ALIGNMENT	VERTICAL ALIGNMENT	PAVEMENT	CHAINAGE
948.109	942.596				0+000
945.975	942.731				0+250
945.548	942.854				0+500
945.557	942.965				0+750
949.802	943.064				1+000
950.396	943.150				1+250
950.804	943.224				1+500
949.265	943.286				1+750
947.713	943.336				2+000
951.242	943.373				2+250
953.397	943.398				2+500
955.188	943.411				2+750
956.978	943.411				3+000
951.068	943.400				3+250
956.415	943.376				3+500
955.002	943.346				3+750
952.531	943.316				4+000
947.064	943.287				4+250
945.175	943.257				4+500
946.610	943.227				4+750
949.469	943.198				5+000
946.173	943.168				5+250
947.855	943.138				5+500
950.991	943.104				5+750
953.331	943.079				6+000
954.213	943.049				6+250
955.096	943.019				6+500
956.080	942.990				6+750
954.989	942.960				7+000
952.435	942.930				7+250
950.135	942.901				7+500
947.804	942.871				7+750
946.598	942.841				8+000
946.394	942.812				8+250
946.763	942.782				8+500
947.490	942.752				8+750
946.148	942.723				9+000
945.670	942.693				9+250
947.019	942.663				9+500
948.869	942.634				9+750
950.720	942.604				10+000
949.356	942.574				10+250
945.361	942.545				10+500
943.438	942.515				10+750
951.270	942.485				11+000
948.868	942.455				11+250
956.926	942.426				11+500
958.390	942.396				11+750
954.082	942.366				12+000
949.779	942.337				12+250
944.275	942.307				12+500