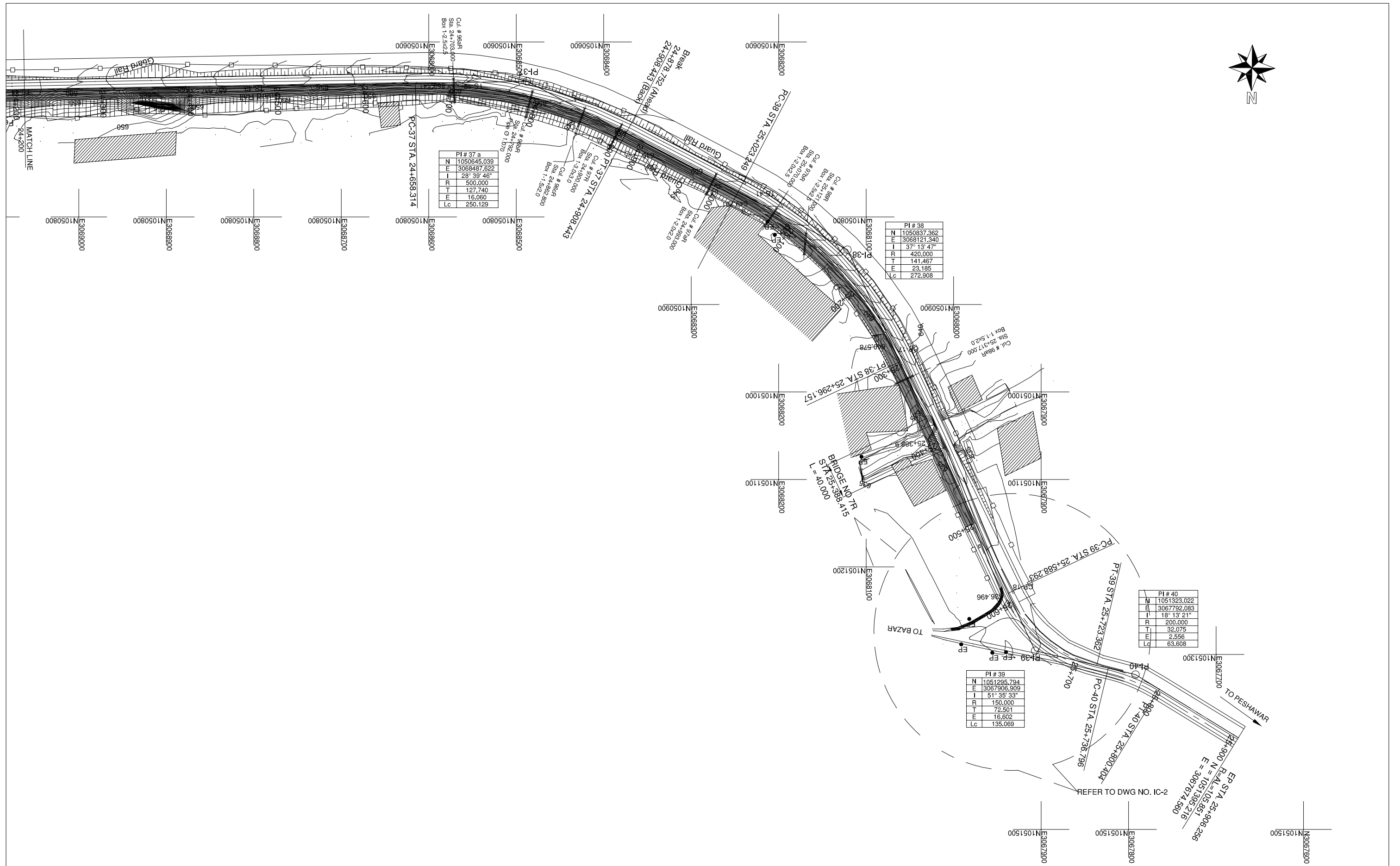
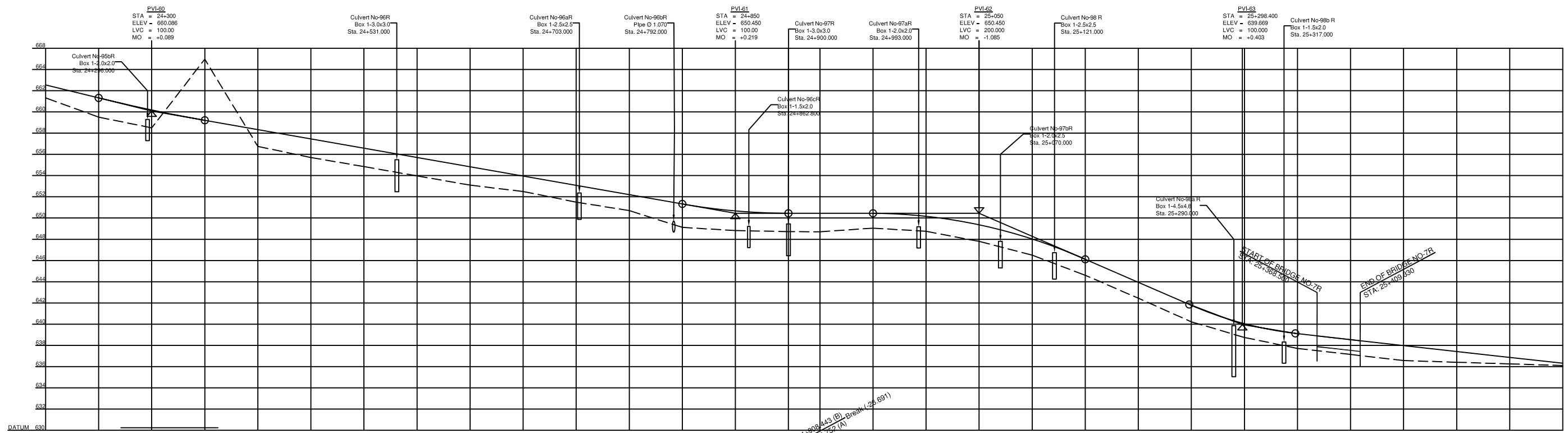




PROJECT NAME	CLIENTS	CONSULTANTS	DRAWING TITLE	SCALE	DWG NO
THE FEASIBILITY STUDY ON THE 2ND KOHAT TUNNEL AND ACCESS ROADS PROJECT	 GOVERNMENT OF PAKISTAN MINISTRY OF COMMUNICATIONS NATIONAL HIGHWAY AUTHORITY	 JAPAN INTERNATIONAL COOPERATION AGENCY	NIPPON KOEI CO., LTD AND ALMEC CORPORATION	PLAN & PROFILE 22+700-24+200	H=1:2000 V=1:200



PROJECT NAME	CLIENTS		CONSULTANTS	DRAWING TITLE	SCALE	DWG NO
THE FEASIBILITY STUDY ON THE 2ND KOHAT TUNNEL AND ACCESS ROADS PROJECT	 GOVERNMENT OF PAKISTAN MINISTRY OF COMMUNICATIONS NATIONAL HIGHWAY AUTHORITY	 JAPAN INTERNATIONAL COOPERATION AGENCY	NIPPON KOEI CO., LTD AND ALMEC CORPORATION	PLAN 24+200-25+600	H=1:2000	R-21



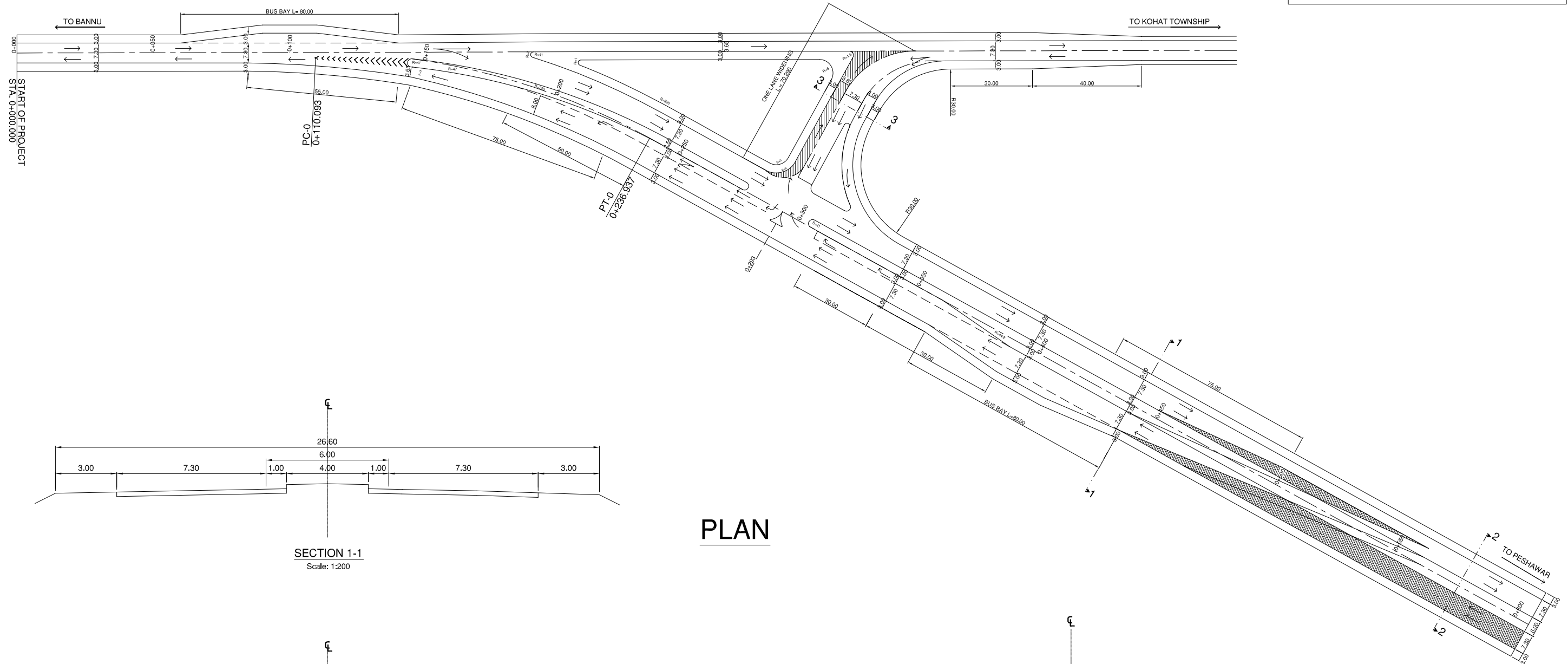
FINISHED ROAD ELEVATIONS	24+200	24+250	24+300	24+350	24+400	24+450	24+500	24+550	24+600	24+650	24+700	24+750	24+800	24+850	24+900	24+950	25+000	25+050	25+100	25+150	25+200	25+250	25+300	25+350	25+400	25+450	25+500	25+550	25+600			
EXISTING ROAD / GROUND ELEVATIONS	661.326	659.500	658.500	664.967	656.750	655.700	654.850	653.970	653.100	652.500	651.500	648.119	648.819	648.725	648.700	649.050	648.750	646.500	646.610	646.500	644.610	642.450	640.222	638.157	637.720	637.146	636.571	636.416	636.261	636.106		
CUMULATIVE DISTANCE (CD)	24+200	24+250	24+300	24+350	24+400	24+450	24+500	24+550	24+600	24+650	24+700	24+750	24+800	24+850	24+900	24+950	25+000	25+050	25+100	25+150	25+200	25+250	25+300	25+350	25+400	25+450	25+500	25+550	25+600			
HORIZONTAL ALIGNMENT	R-∞																R-500				R-∞				R-420				R-∞			
SUPPER GRADE ELEVATION % AGE	N.C.																1.0%				N.C.				2.3%				N.C.			

PROJECT NAME	CLIENTS	CONSULTANTS	DRAWING TITLE	SCALE	DWG NO
THE FEASIBILITY STUDY ON THE 2ND KOHAT TUNNEL AND ACCESS ROADS PROJECT	 GOVERNMENT OF PAKISTAN MINISTRY OF COMMUNICATIONS NATIONAL HIGHWAY AUTHORITY	 JAPAN INTERNATIONAL COOPERATION AGENCY	NIPPON KOEI CO., LTD AND ALMEC CORPORATION	PROFILE 24+200-25+600	H=1:2000 V=1:200

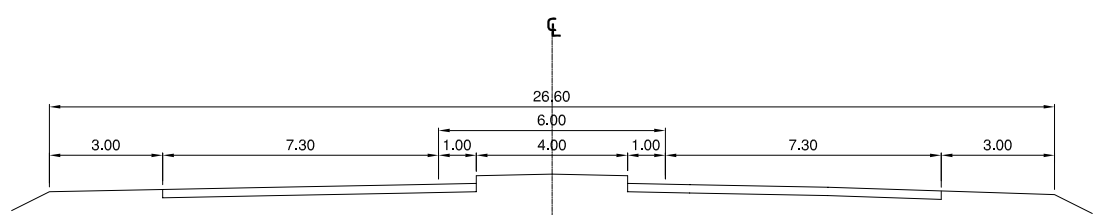
INTERSECTIONS

LEGEND:-

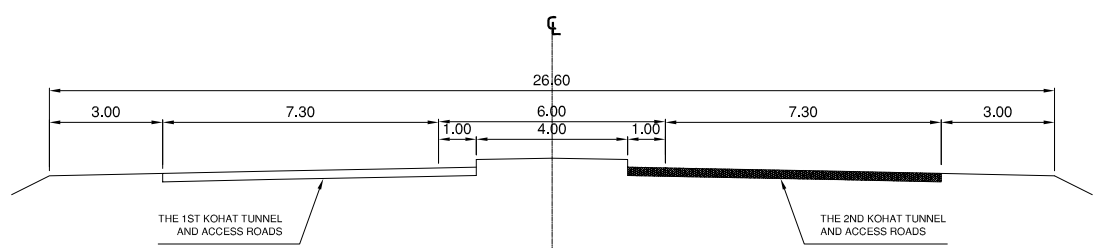
 PAVEMENT CONSTRUCTION UNDER THE 2nd KOHAT TUNNEL & ACCESS ROADS PROJECT.



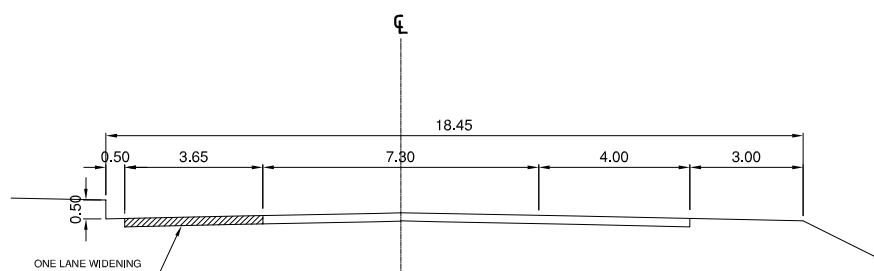
PLAN



SECTION 1-1
Scale: 1:200



SECTION 2-2
Scale: 1:200

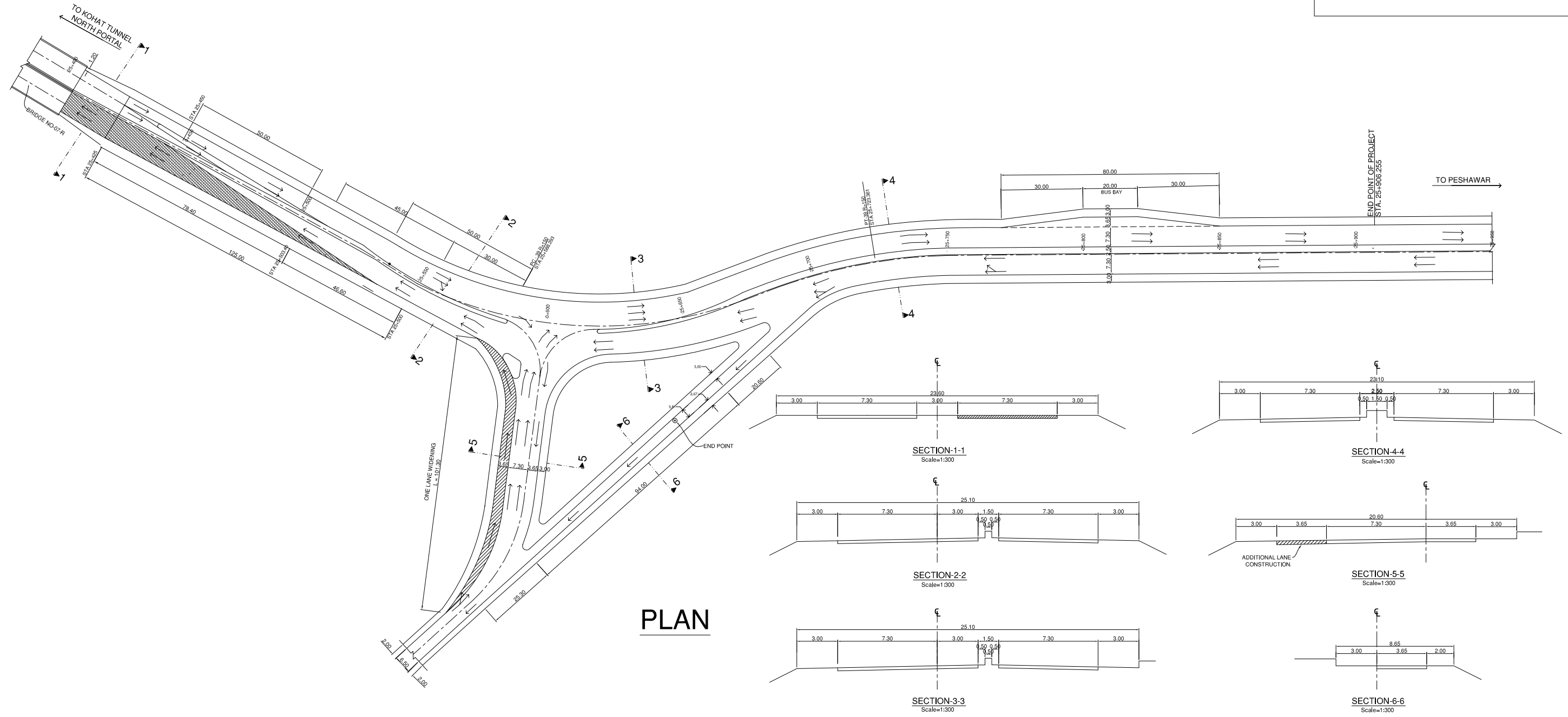


SECTION 3-3
Scale: 1:200


PROJECT NAME	CLIENTS	CONSULTANTS	DRAWING TITLE	SCALE	DWG NO
FEASIBILITY STUDY ON THE 2ND KOHAT TUNNEL AND ACCESS ROADS PROJECT	 GOVERNMENT OF PAKISTAN MINISTRY OF COMMUNICATIONS NATIONAL HIGHWAY AUTHORITY	 JAPAN INTERNATIONAL COOPERATION AGENCY	NIPPON KOEI CO., LTD AND ALMEC CORPORATION	1:1,500	IC-1

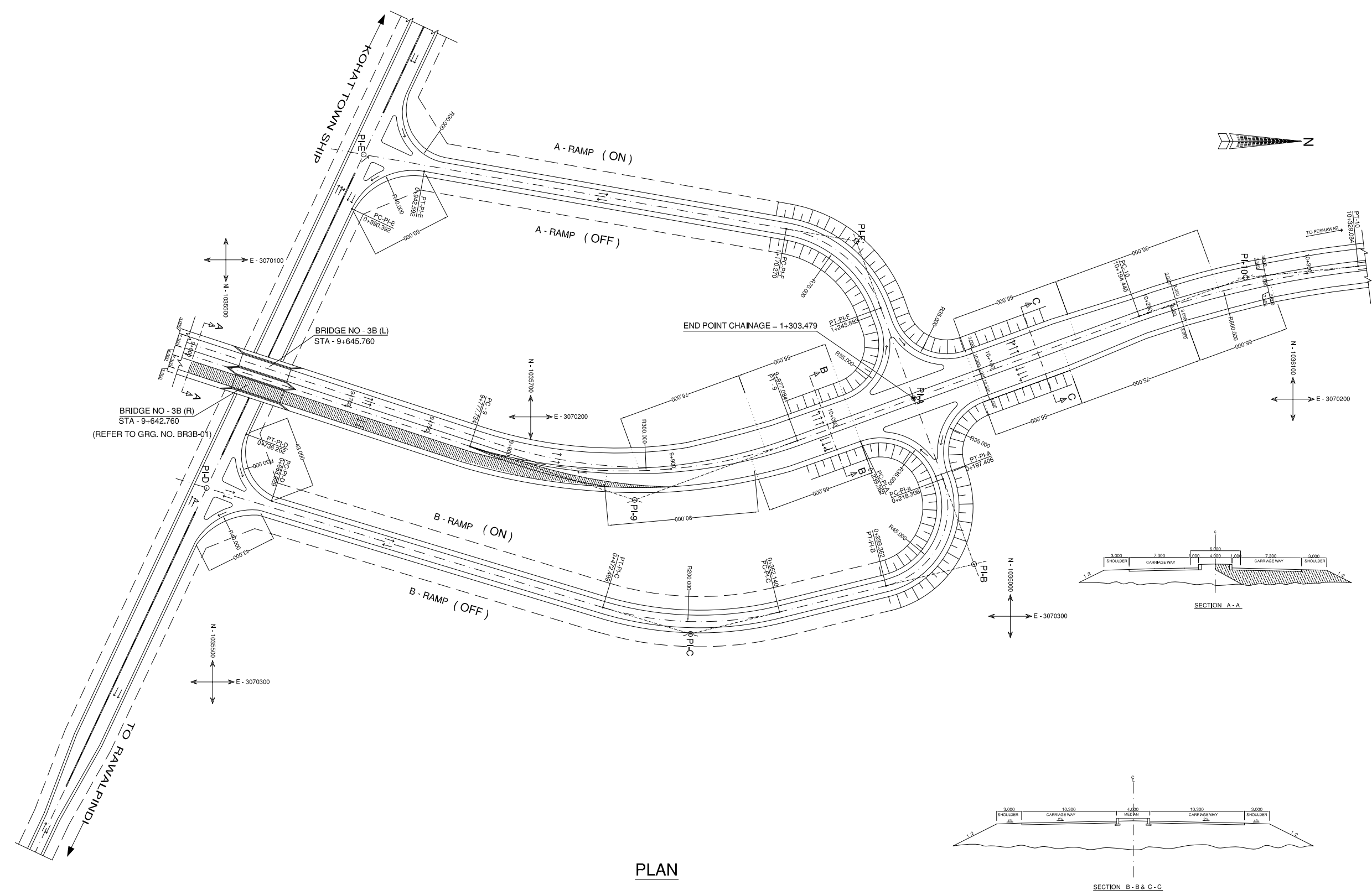
LEGEND:-

 PAVEMENT CONSTRUCTION UNDER THE 2nd KOHAT TUNNEL & ACCESS ROADS PROJECT.



PROJECT NAME	CLIENTS		CONSULTANTS	DRAWING TITLE	SCALE	DWG NO
FEASIBILITY STUDY ON THE 2ND KOHAT TUNNEL AND ACCESS ROADS PROJECT	 GOVERNMENT OF PAKISTAN MINISTRY OF COMMUNICATIONS NATIONAL HIGHWAY AUTHORITY	 JAPAN INTERNATIONAL COOPERATION AGENCY	NIPPON KOEI CO., LTD AND ALMEC CORPORATION	INTERSECTION DETAILS DARA ADAM KHEL INTERSECTION	1:1500	IC-2


LEGEND:-	
	ROAD WAY PAVEMENT CONSTRUCTION UNDER THE 2nd KOHAT TUNNEL & ACCESS ROADS PROJECT.

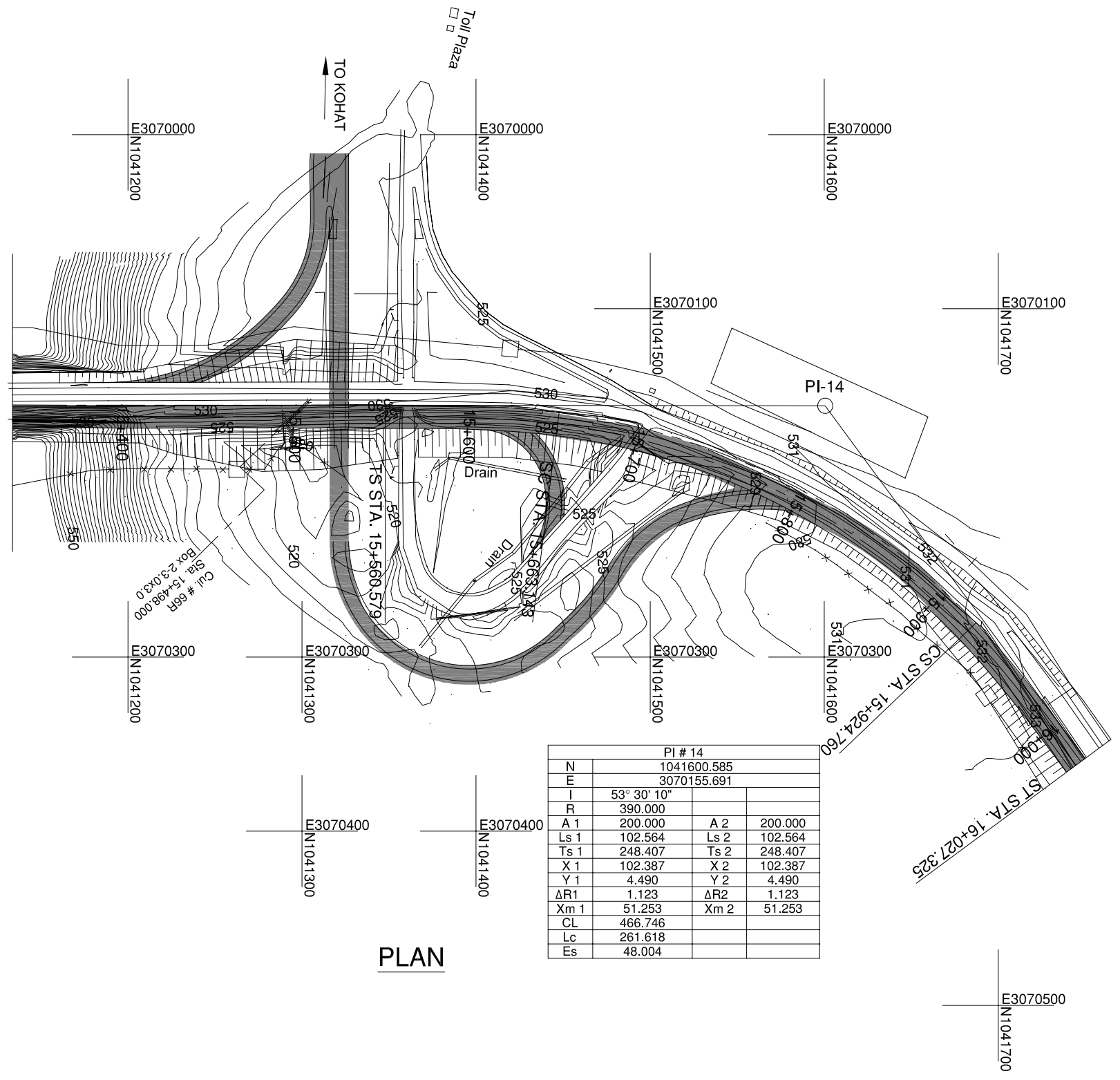


PLAN

PROJECT NAME	CLIENTS	CONSULTANTS	DRAWING TITLE	SCALE	DWG NO
FEASIBILITY STUDY ON THE 2ND KOHAT TUNNEL AND ACCESS ROADS PROJECT	GOVERNMENT OF PAKISTAN MINISTRY OF COMMUNICATIONS NATIONAL HIGHWAY AUTHORITY	 JAPAN INTERNATIONAL COOPERATION AGENCY	NIPPON KOEI CO., LTD AND ALMEC CORPORATION	1:2,500	IC-3

LEGEND:-

 ROAD WAY PAVEMENT CONSTRUCTION UNDER THE 2nd KOHAT TUNNEL & ACCESS ROADS PROJECT.



PI # 14			
N	1041600.585		
E	3070155.691		
I	53° 30' 10"		
R	390.000		
A 1	200.000	A 2	200.000
Ls 1	102.564	Ls 2	102.564
Ts 1	248.407	Ts 2	248.407
X 1	102.387	X 2	102.387
Y 1	4.490	Y 2	4.490
ΔR1	1.123	ΔR2	1.123
Xm 1	51.253	Xm 2	51.253
CL	466.746		
Lc	261.618		
Es	48.004		

PLAN

PROJECT NAME	CLIENTS		CONSULTANTS	DRAWING TITLE	SCALE	DWG NO
FEASIBILITY STUDY ON THE 2ND KOHAT TUNNEL AND ACCESS ROADS PROJECT	 GOVERNMENT OF PAKISTAN MINISTRY OF COMMUNICATIONS NATIONAL HIGHWAY AUTHORITY	 JAPAN INTERNATIONAL COOPERATION AGENCY	NIPPON KOEI CO., LTD AND ALMEC CORPORATION	INTERSECTION DETAILS KOHAT LINK ROAD IC	1:3,000	IC-4