

2.2.3 Basic Design Drawings

BASIC DESIGN STUDY
ON
THE PROJECT FOR IMPROVEMENT OF
DUSTY-NIJINY PYANDZH ROAD
IN
REPUBLIC OF TAJIKISTAN

JUNE 2006

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

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TOTAL 232 Pages



DRAWING No: G-01

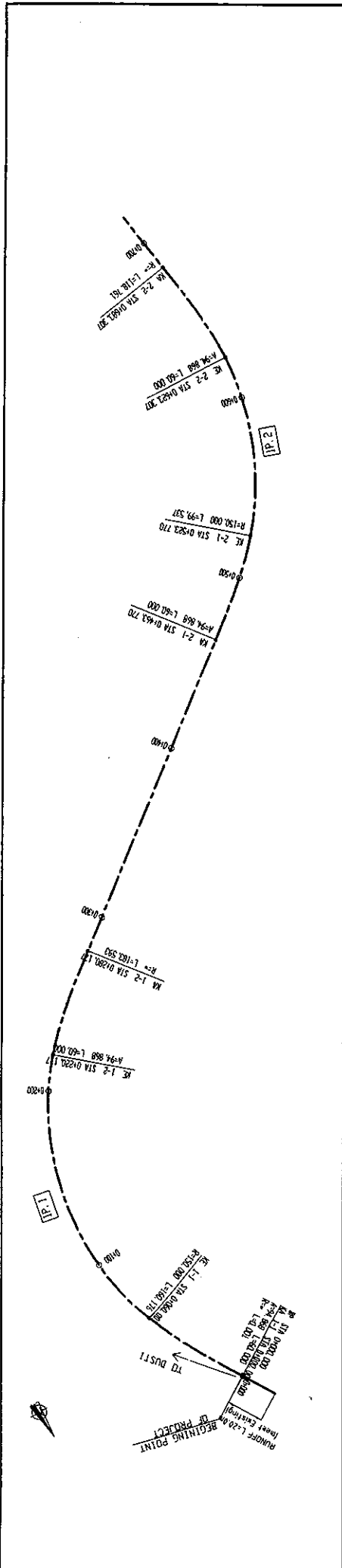
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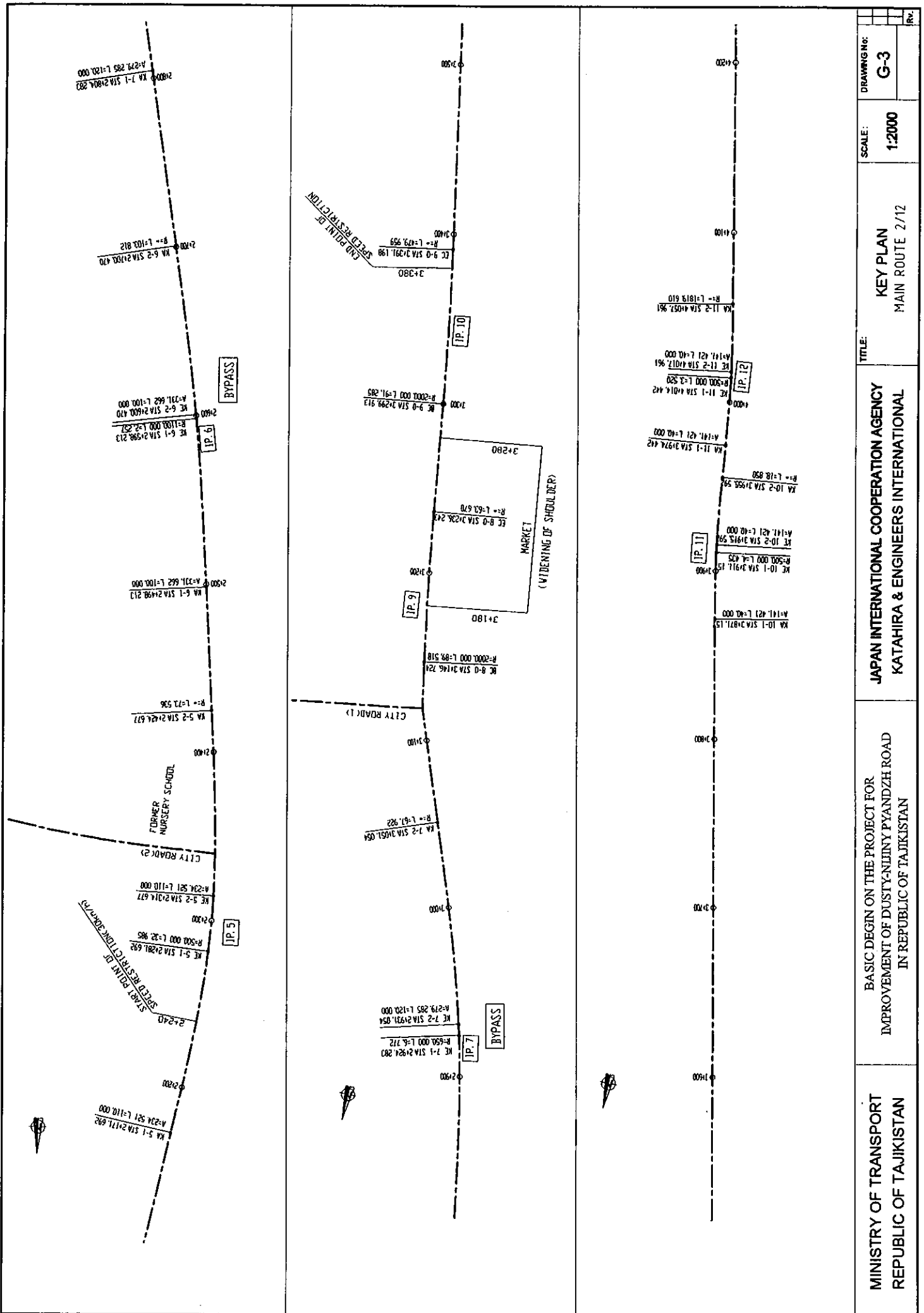
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JAPAN INTERNATIONAL COOPERATION AGENCY
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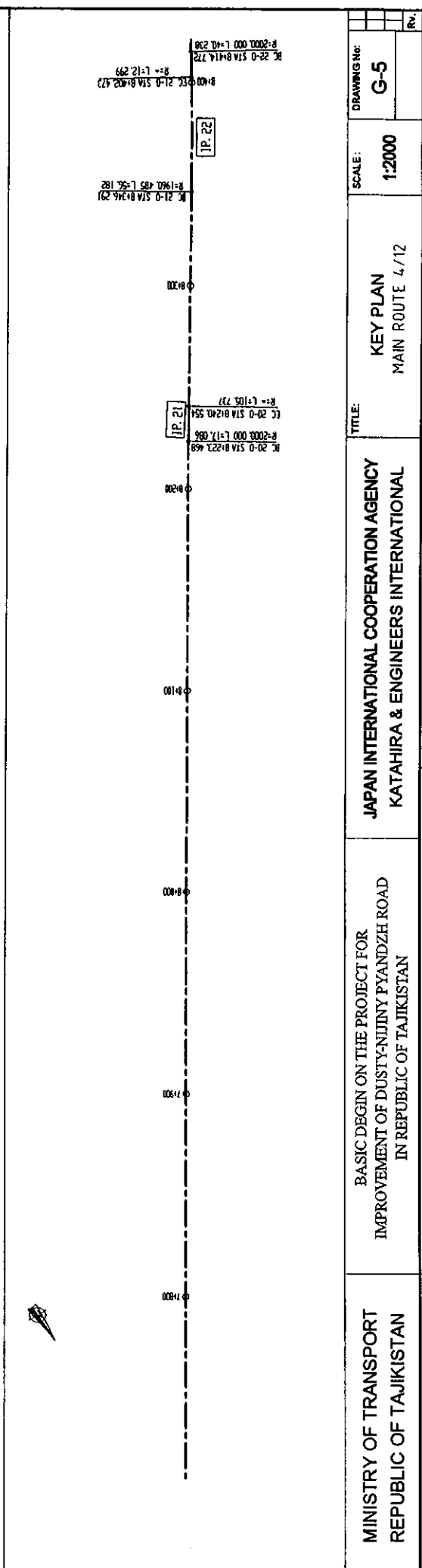
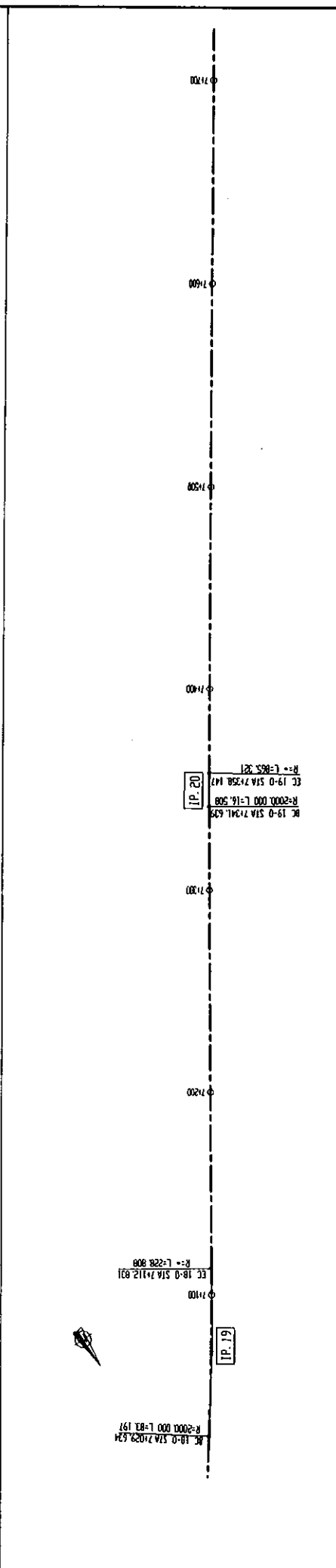
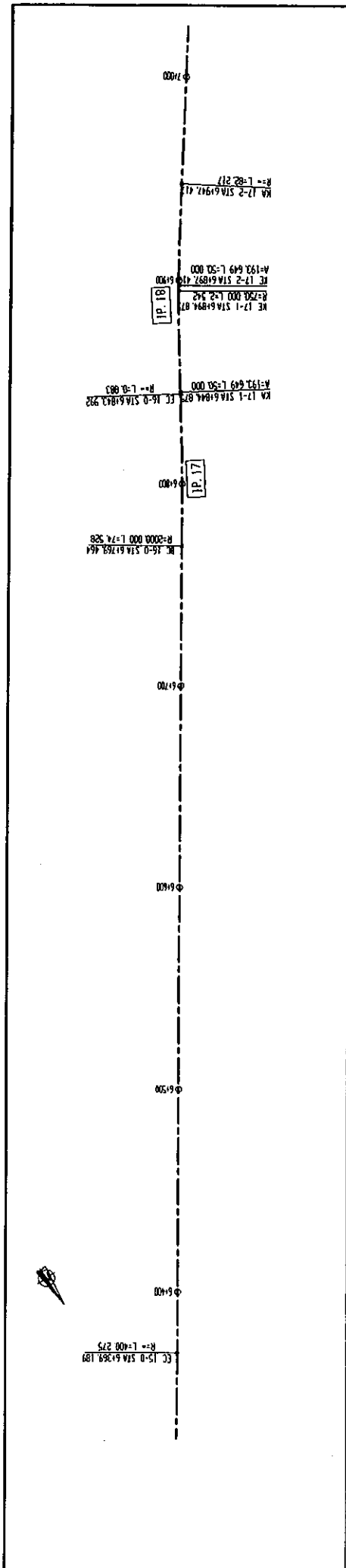
BASIC DESIGN ON THE PROJECT FOR
IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD
IN REPUBLIC OF TAJIKISTAN

MINISTRY OF TRANSPORT
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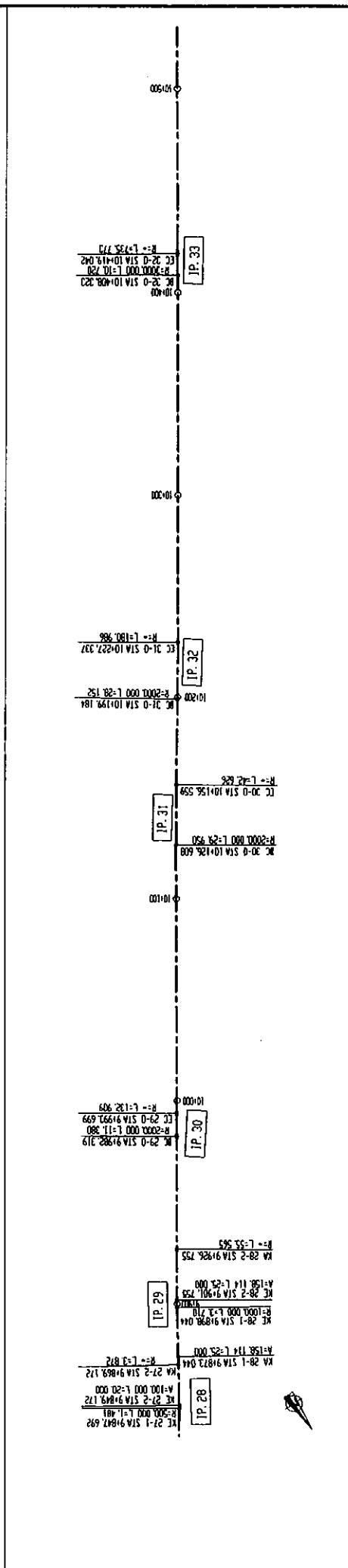
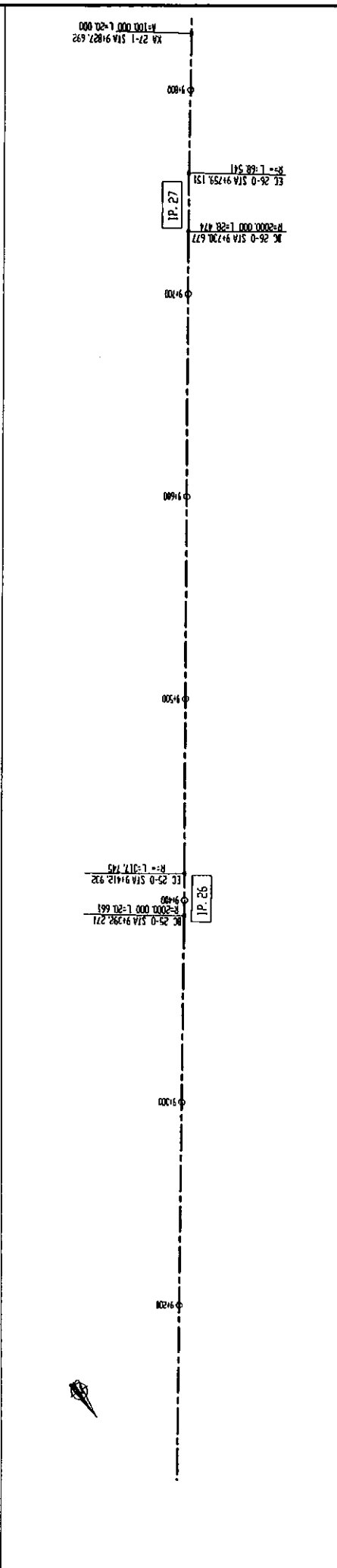
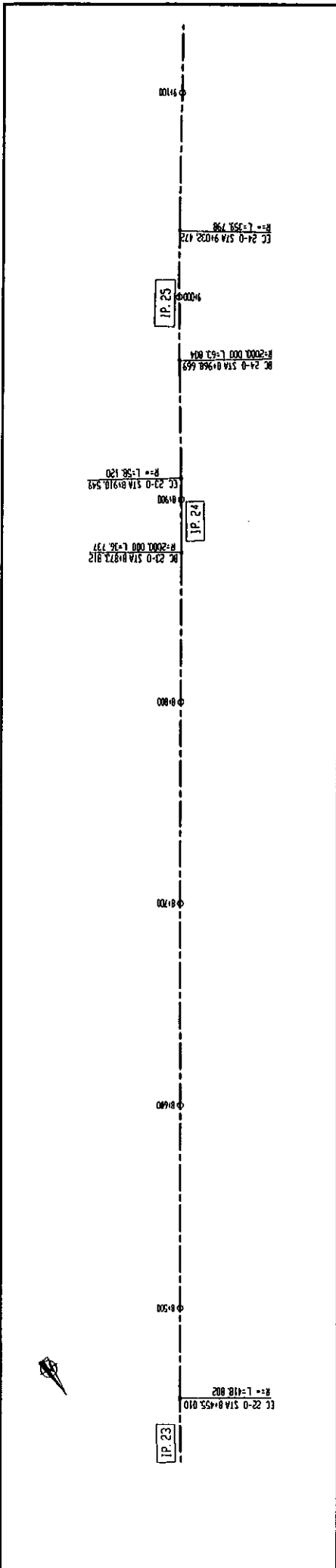




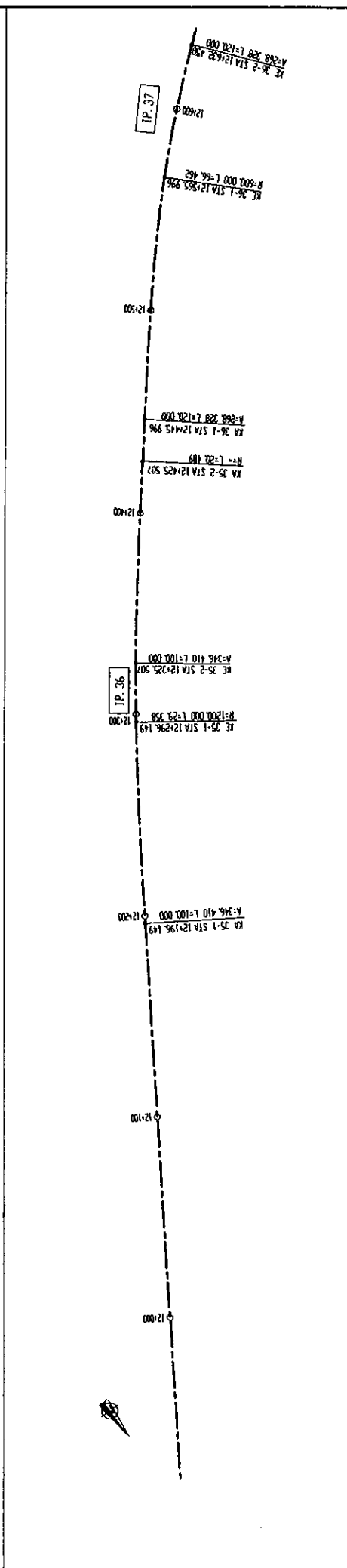
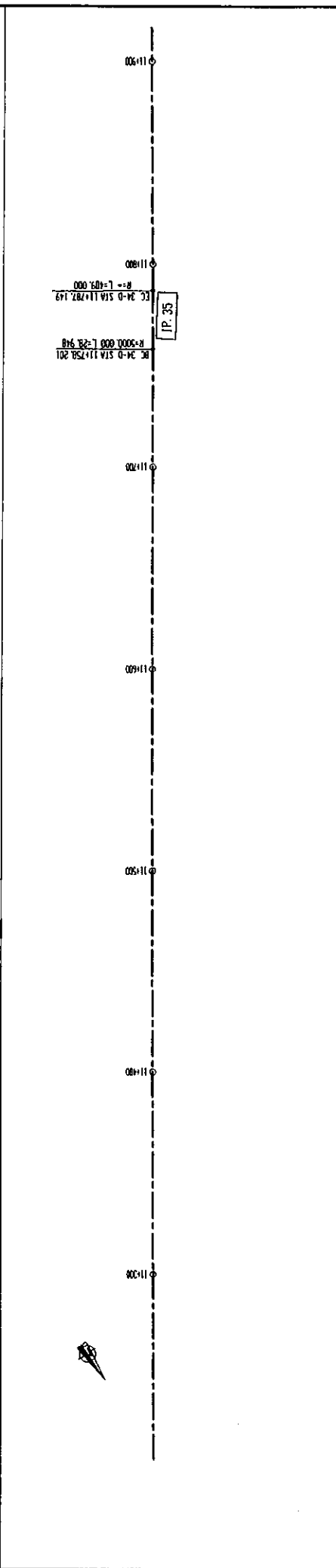
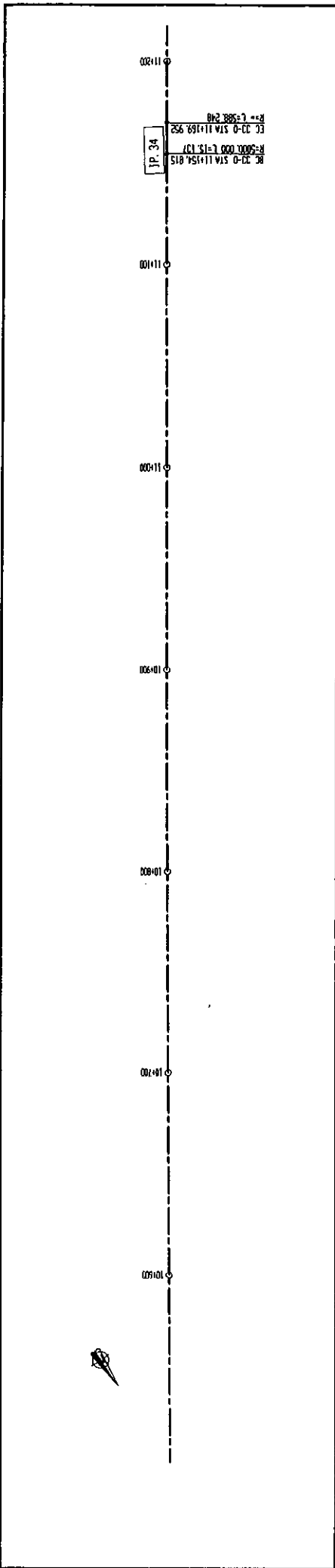
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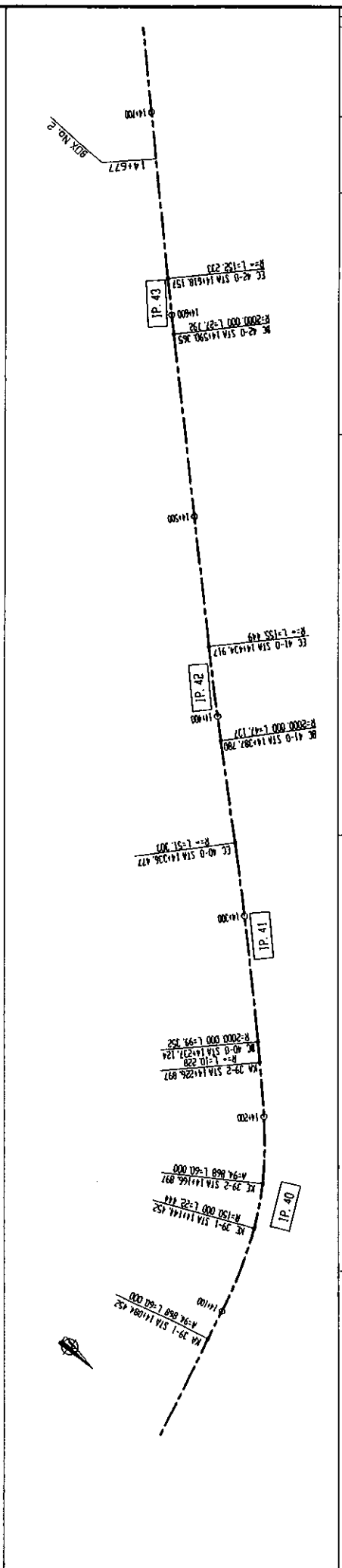
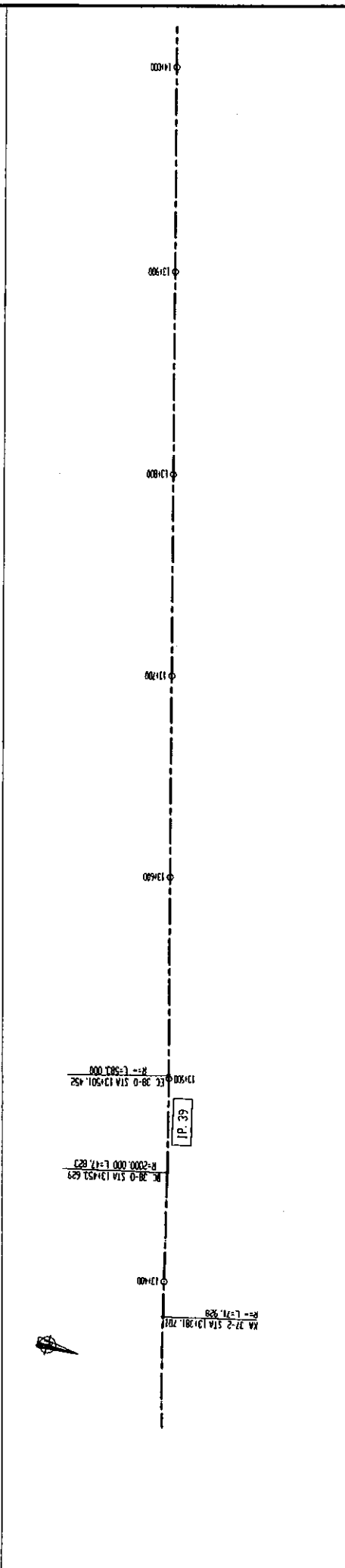
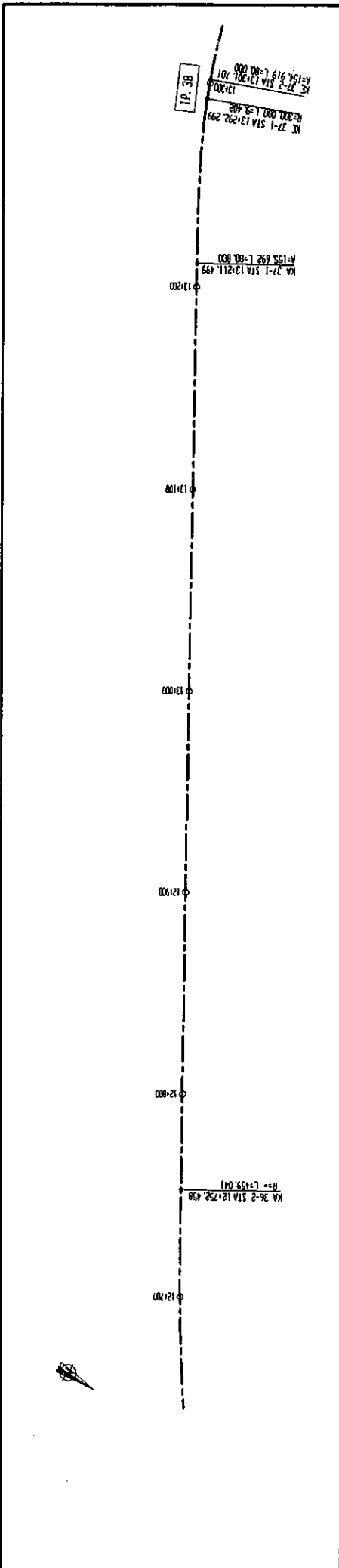
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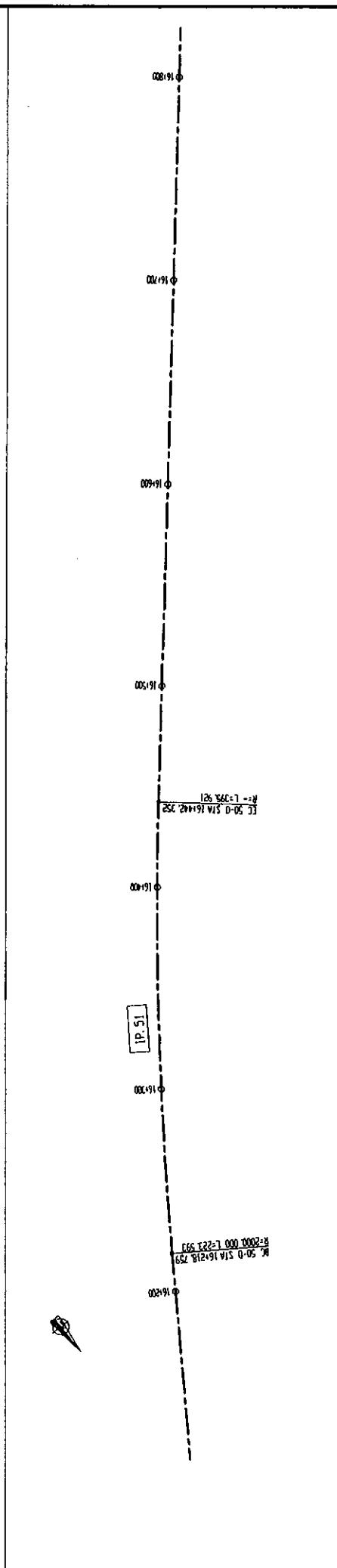
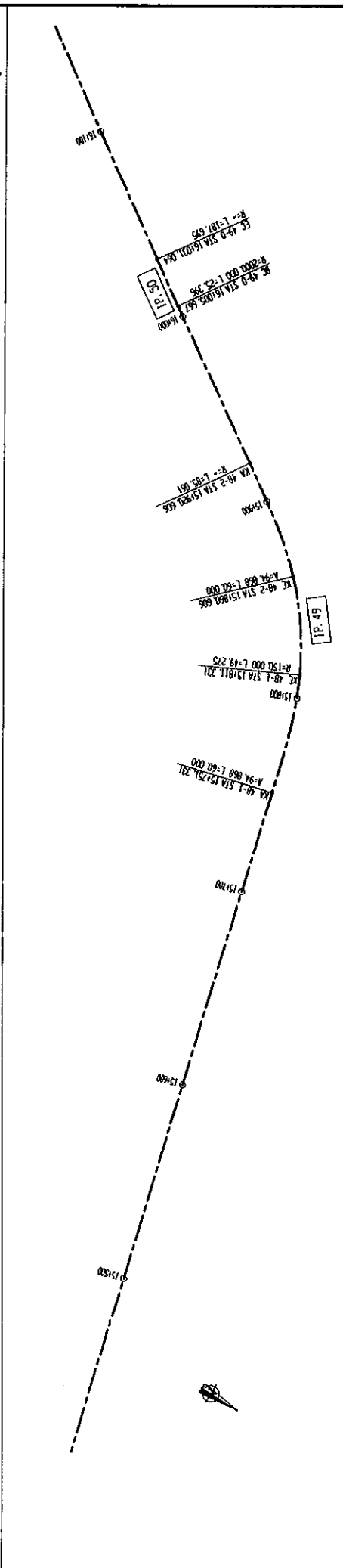
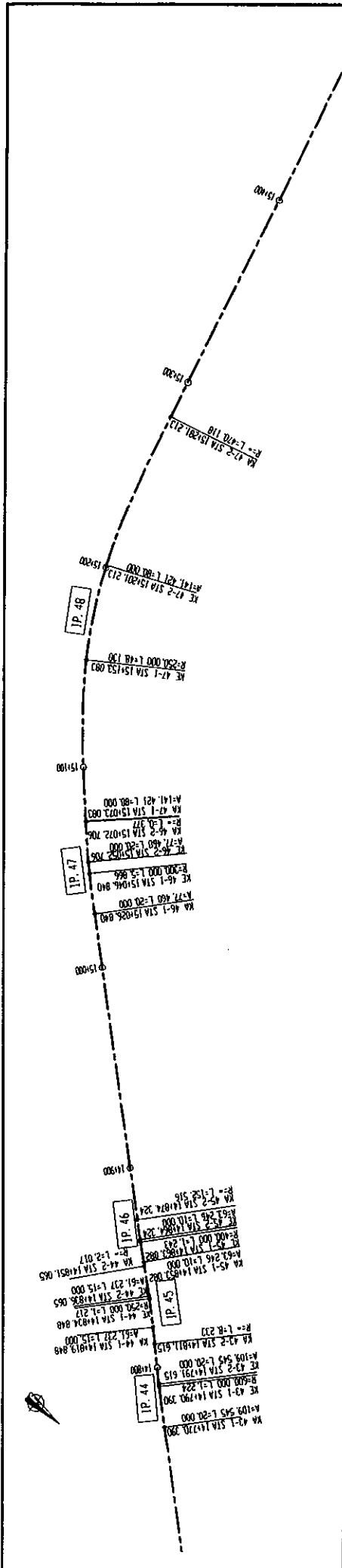
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MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN			



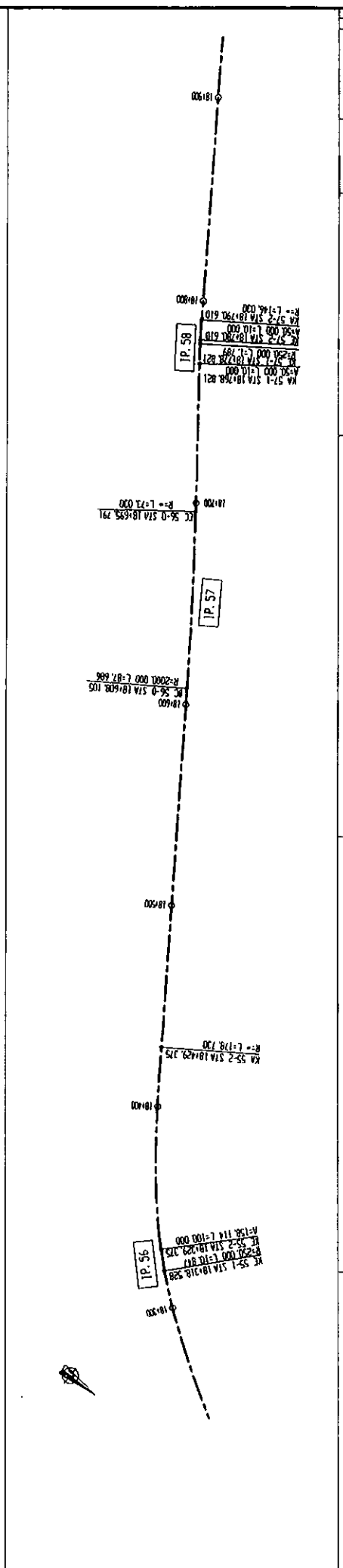
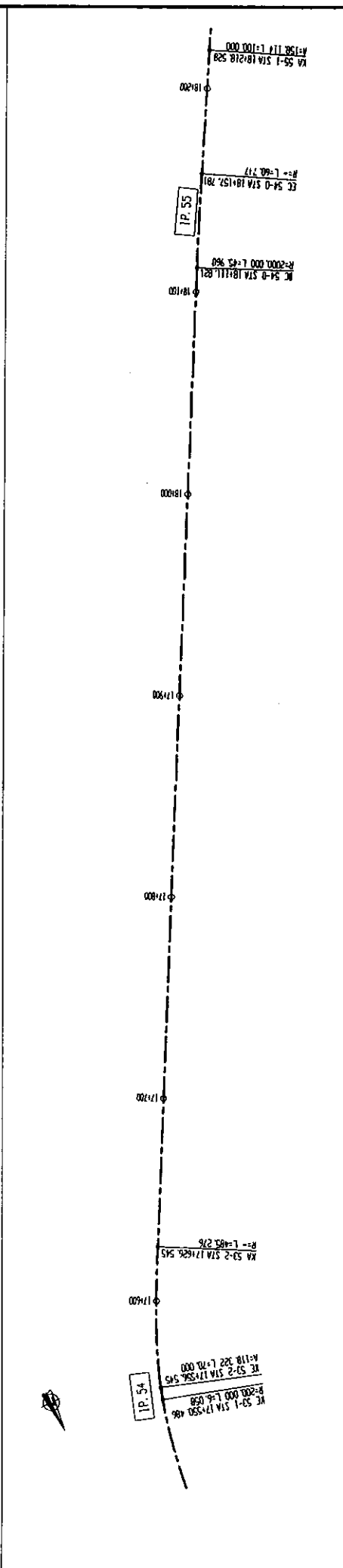
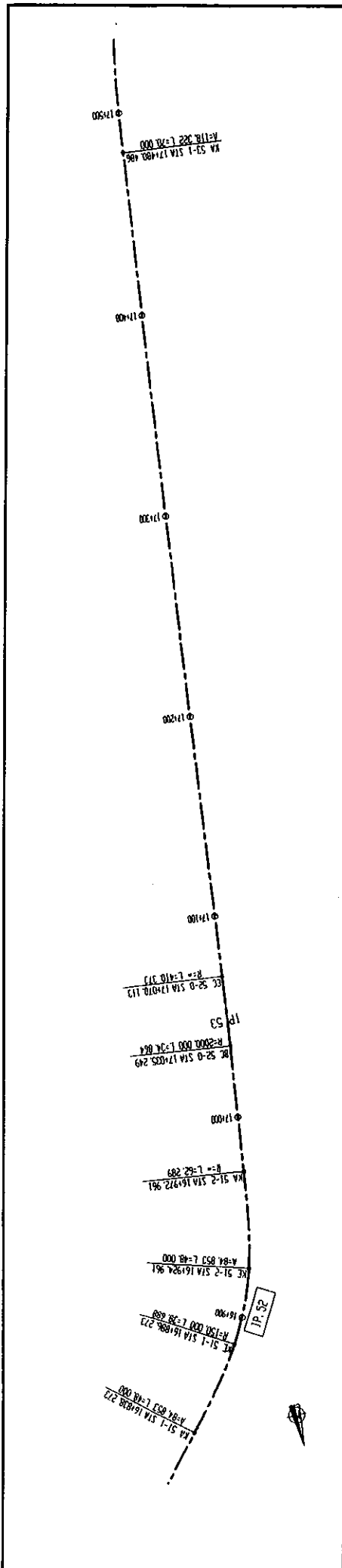
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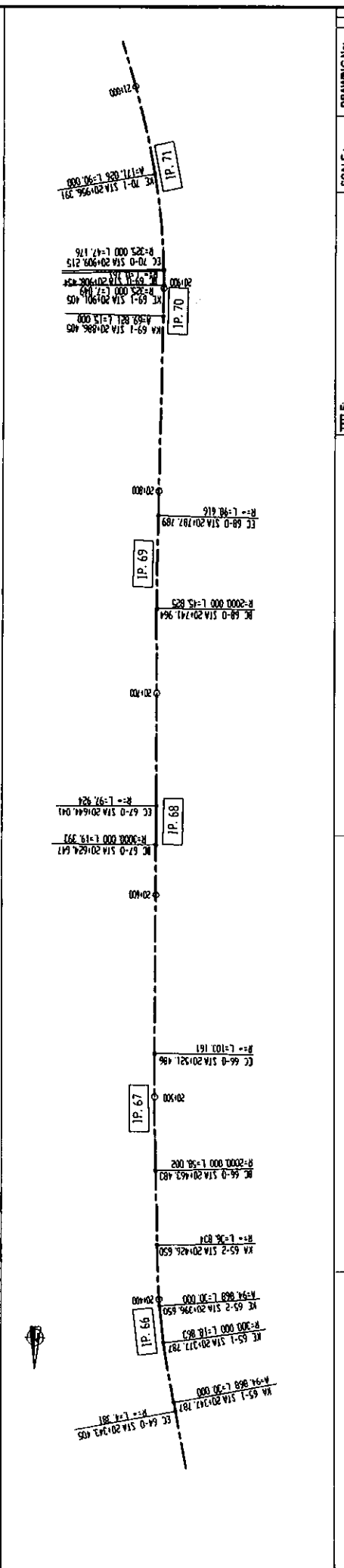
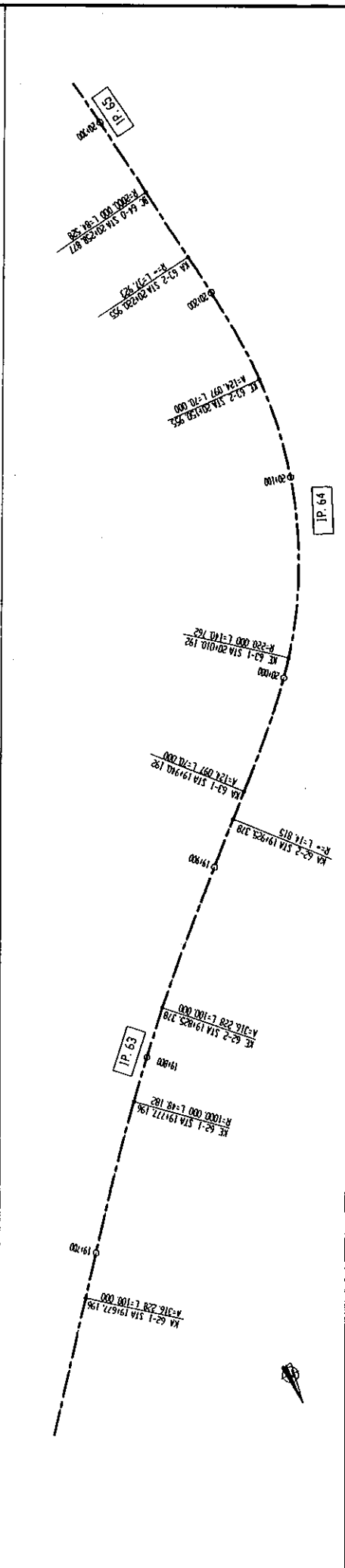
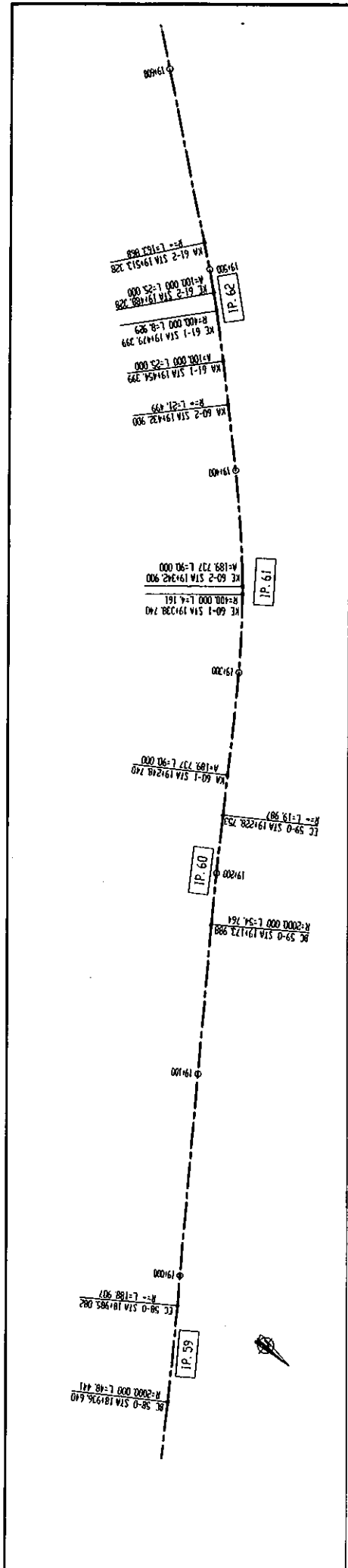
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			KEY PLAN MAIN ROUTE 7/12	SCALE:	G-8
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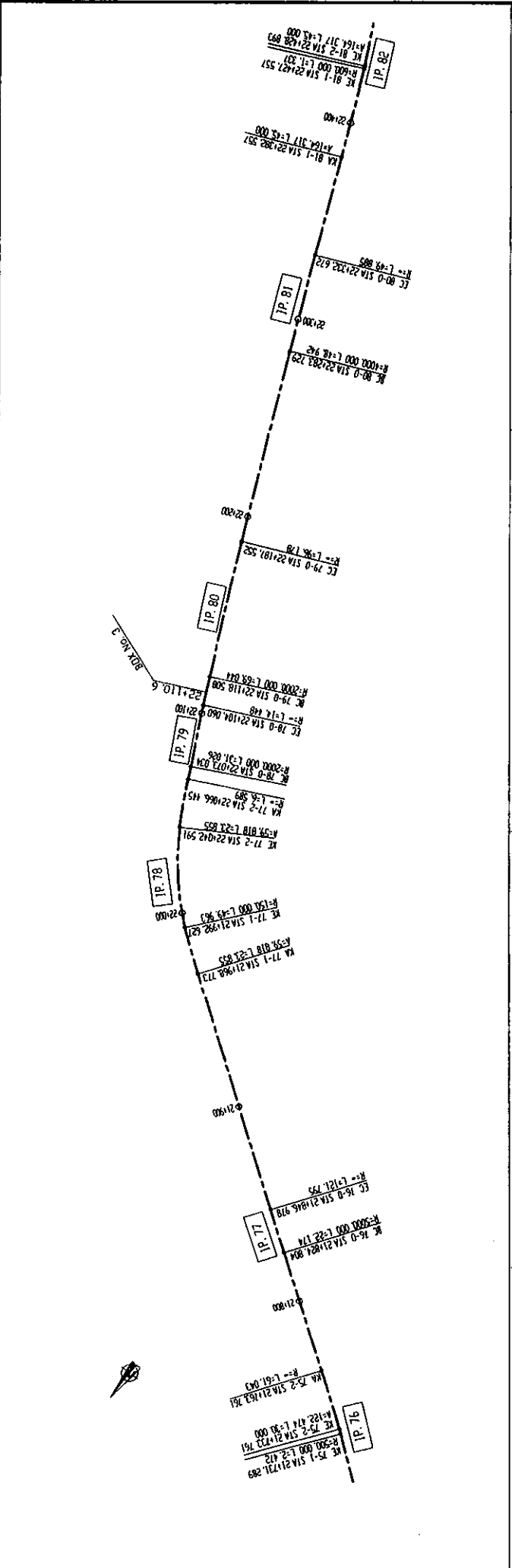
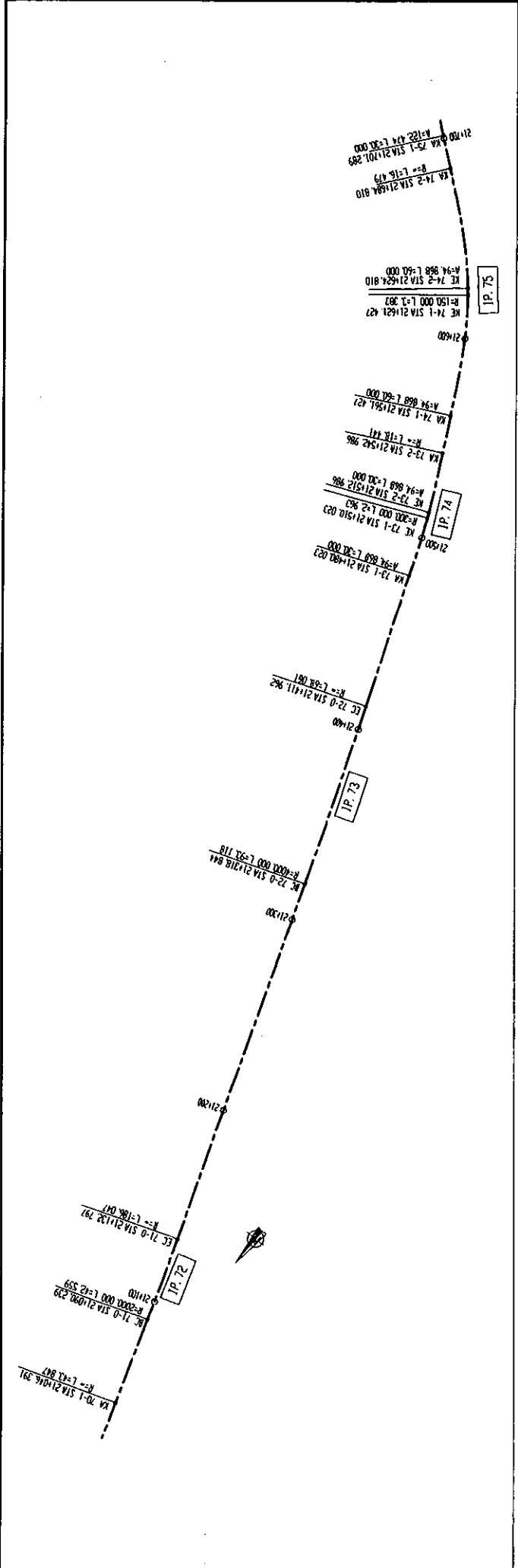
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				No.
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN			No.	



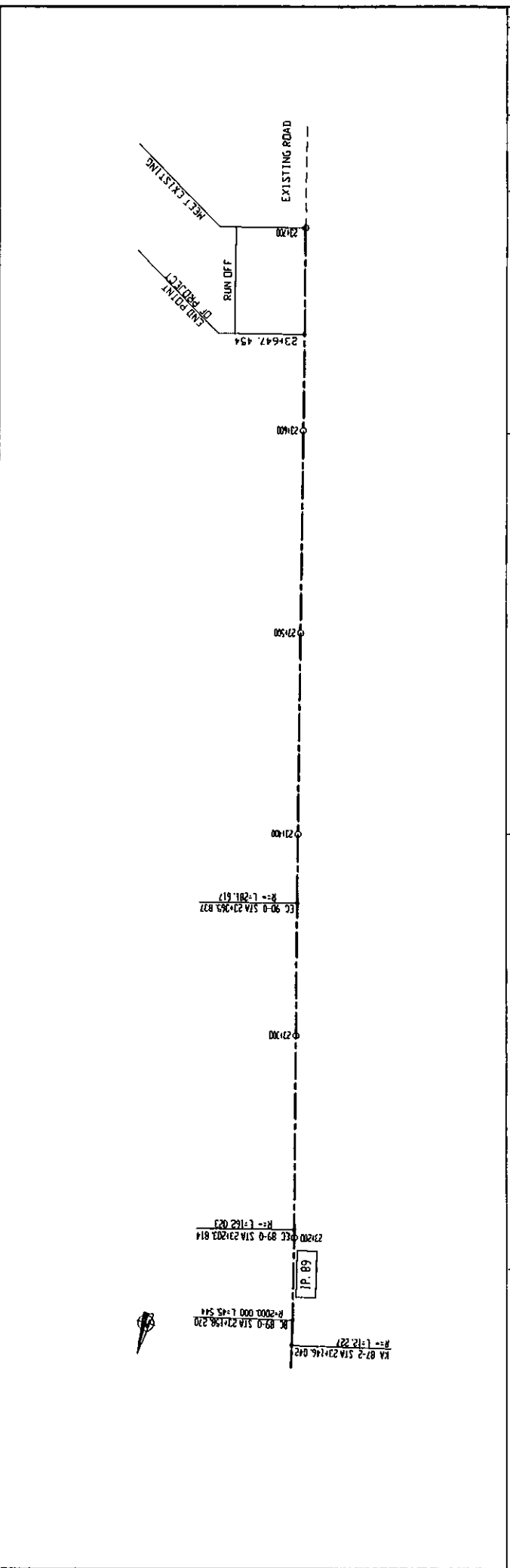
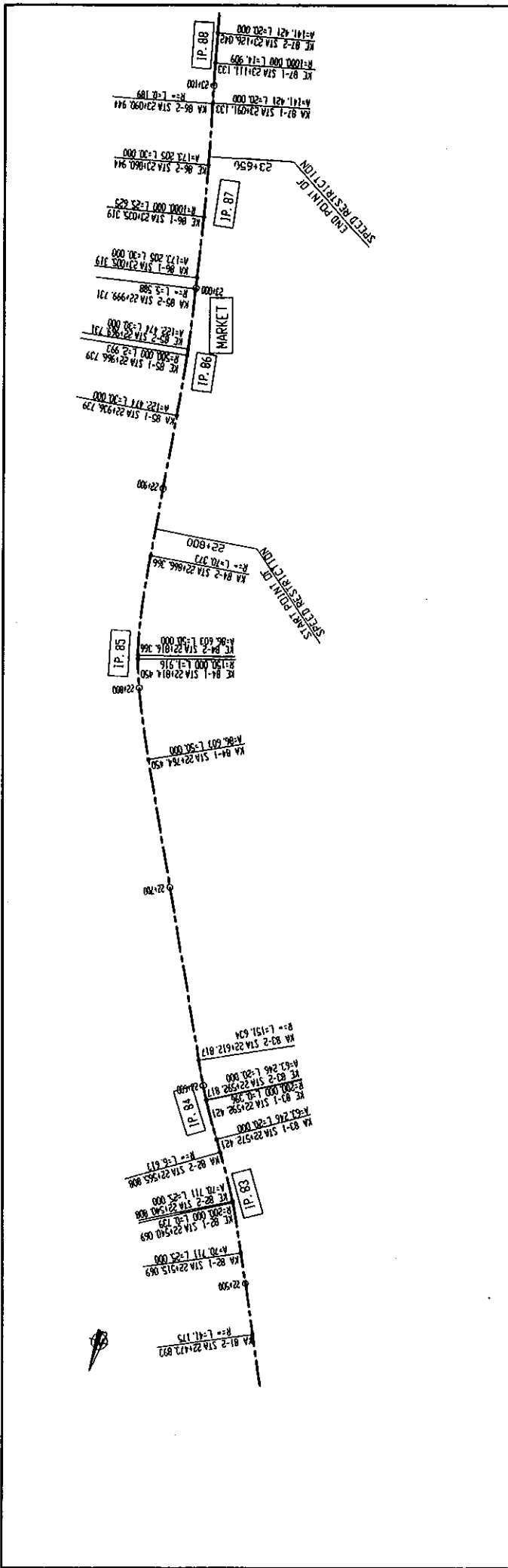
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BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN			
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN			



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JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	
BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NUJINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	



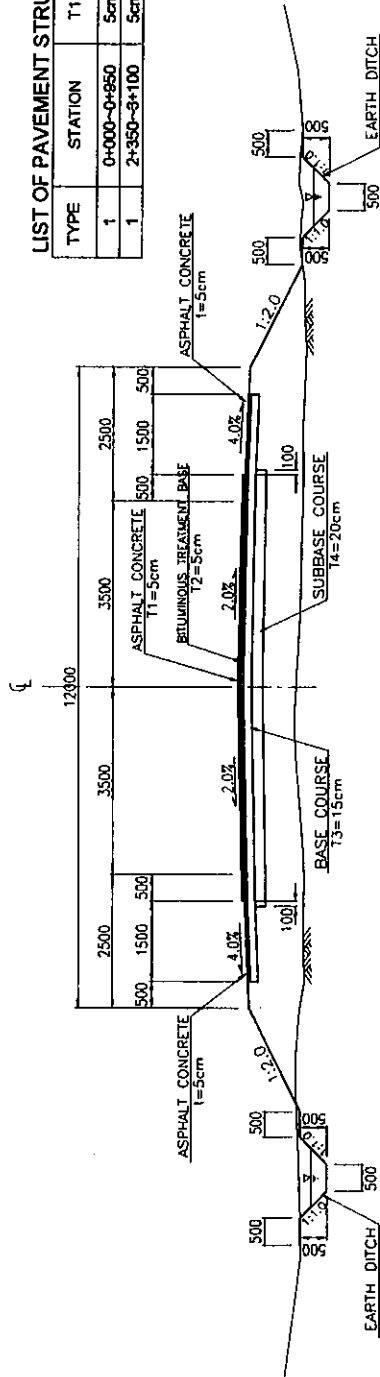
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BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NUINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	



DRAWINGS: G-13	SCALE: 1:2000	TITLE: JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NUJINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	Rev.
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN				

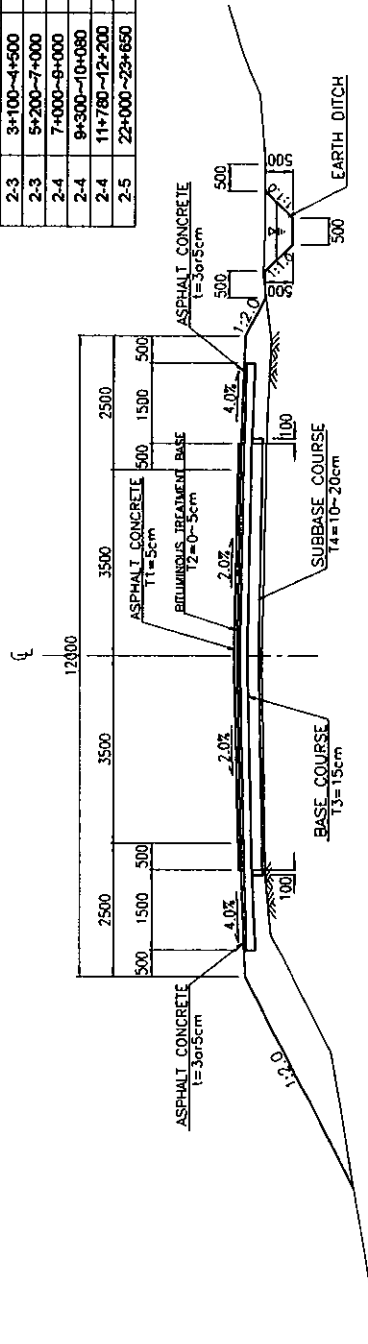
LIST OF PAVEMENT STRUCTURE COMPOSITION

TYPE	STATION	T1	T2	T3	T4	REMARKS
1	0+000-0+850	5cm	5cm	15cm	20cm	NEW SECTION
1	2+350-8+100	5cm	5cm	15cm	20cm	BYPASS



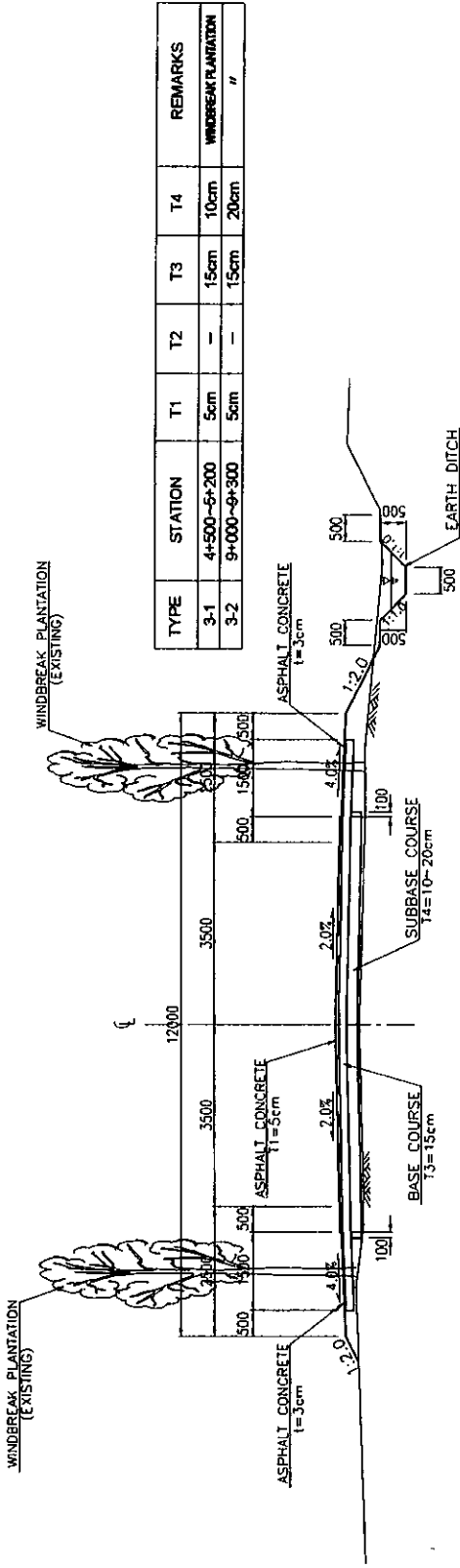
MAIN ROUTE TYPE-1

TYPE	STATION	T1	T2	T3	T4	REMARKS
2-1	0+850-2+200	5cm	3cm	15cm	15cm	STANDARD SECTION
2-2	2+200-2+850	5cm	5cm	15cm	20cm	"
2-3	3+100-4+500	5cm	-	15cm	10cm	"
2-3	5+200-7+000	5cm	-	15cm	10cm	"
2-4	7+000-9+000	5cm	-	15cm	20cm	"
2-4	9+300-10+080	5cm	-	15cm	20cm	"
2-4	11+780-12+200	5cm	-	15cm	20cm	"
2-5	22+000-23+650	5cm	3cm	15cm	20cm	"



MAIN ROUTE TYPE-2

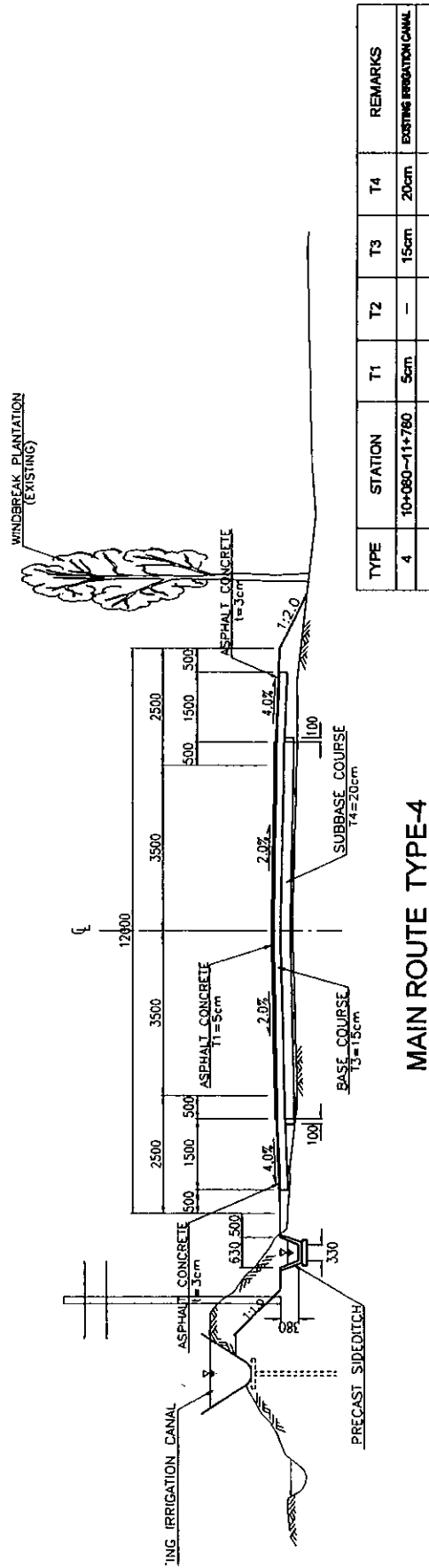
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-ALINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: TYPICAL CROSS SECTION MAIN ROUTE 1/4
		SCALE: 1:50	DRAWING NO: G-15



TYPE	STATION	T1	T2	T3	T4	REMARKS
3-1	4+500-6+200	5cm	-	15cm	10cm	WINDBREAK PLANTATION
3-2	9+000-9+300	5cm	-	15cm	20cm	"

MAIN ROUTE TYPE-3

Note : When the distance between the Existing Plantation at the both ends of the Road is narrow, Plantation of one side shall be subjected to Relocation under the expense of the Government of Tajikistan.



TYPE	STATION	T1	T2	T3	T4	REMARKS
4	10+080-11+780	5cm	-	15cm	20cm	EXISTING IRRIGATION CANAL

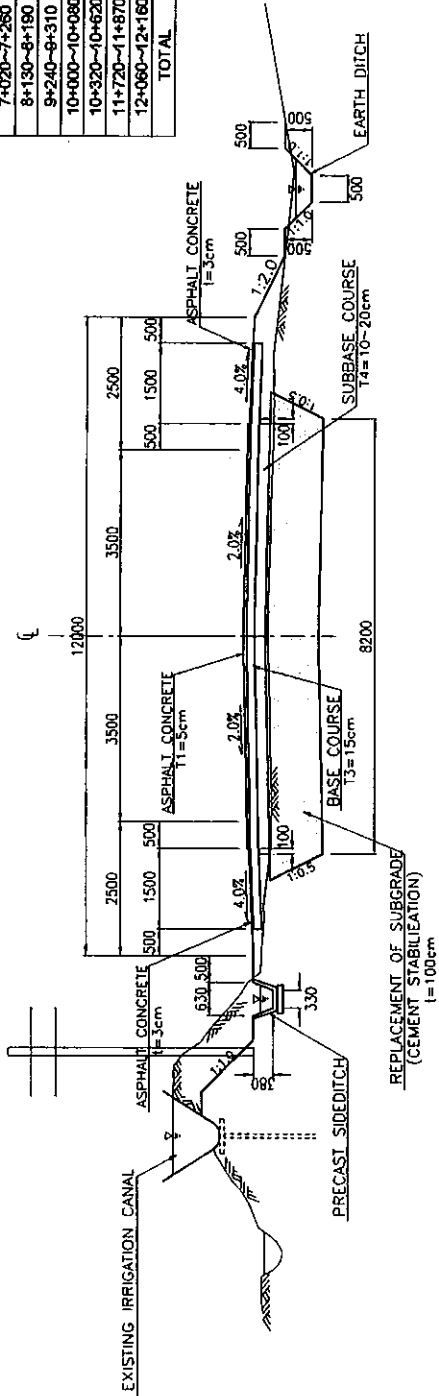
MAIN ROUTE TYPE-4

Note : Existing Plantation affecting the renovation of the Road shall be subjected to either Relocation or Removal under the Expense of the Government of Tajikistan

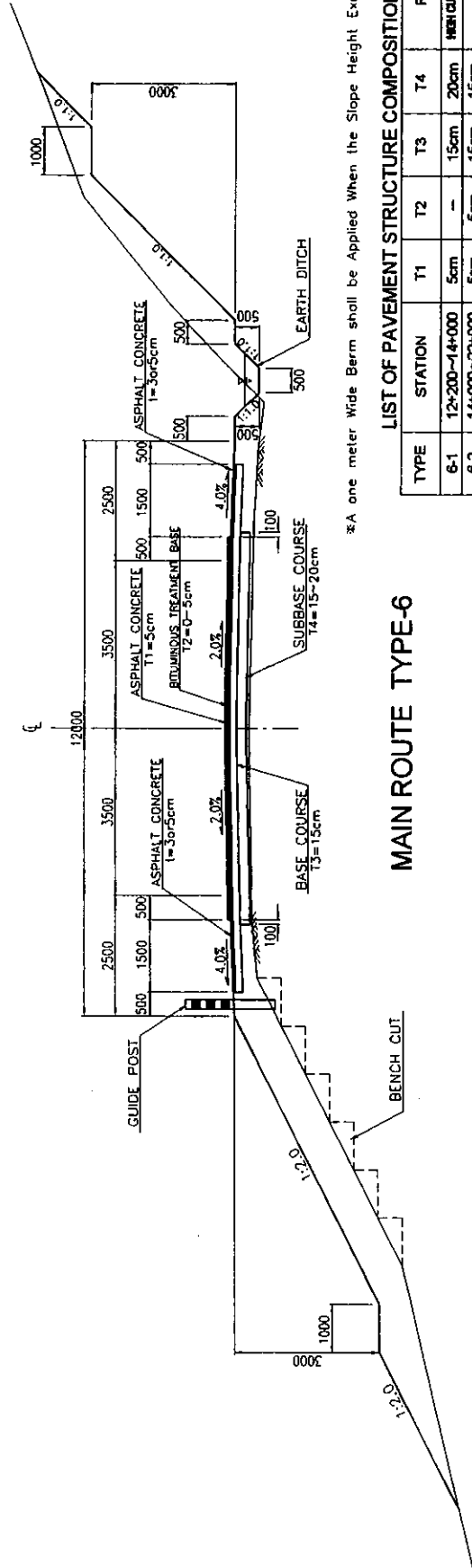
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: TYPICAL CROSS SECTION MAIN ROUTE 2/4
SCALE: 1:50		DRAWING No: G-16	

LIST OF WATER-SUBMERGED SECTION

STATION	LENGTH(m)	REMARKS
6+180-6+280	100.00	
7+020-7+260	240.00	
8+130-8+190	60.00	
9+240-9+310	70.00	
10+000-10+080	80.00	
10+320-10+620	300.00	
11+720-11+870	150.00	
12+060-12+160	100.00	
TOTAL	1,100.00	



MAIN ROUTE TYPE-5
(WATER-SUBMERGED SECTION)



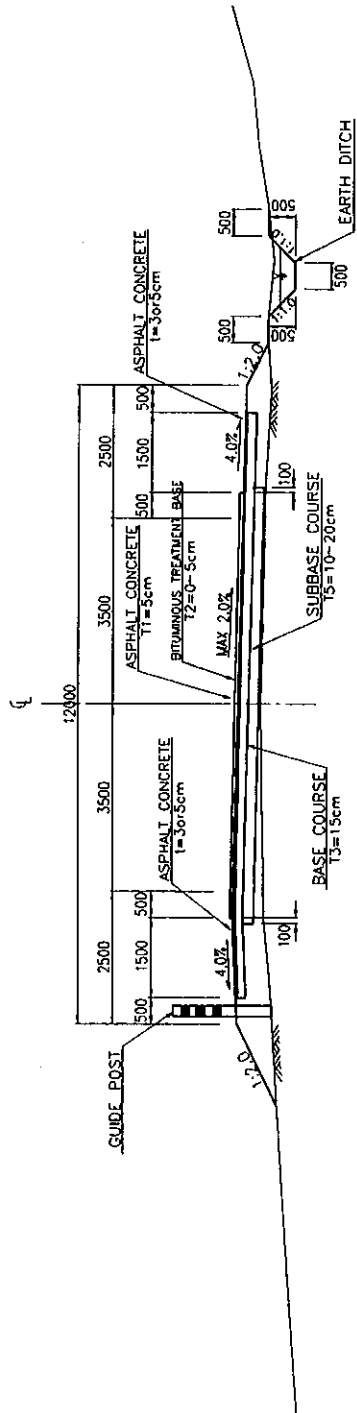
MAIN ROUTE TYPE-6

*A one meter Wide Berm shall be Applied When the Slope Height Exceeds 5.0 meters.

LIST OF PAVEMENT STRUCTURE COMPOSITION

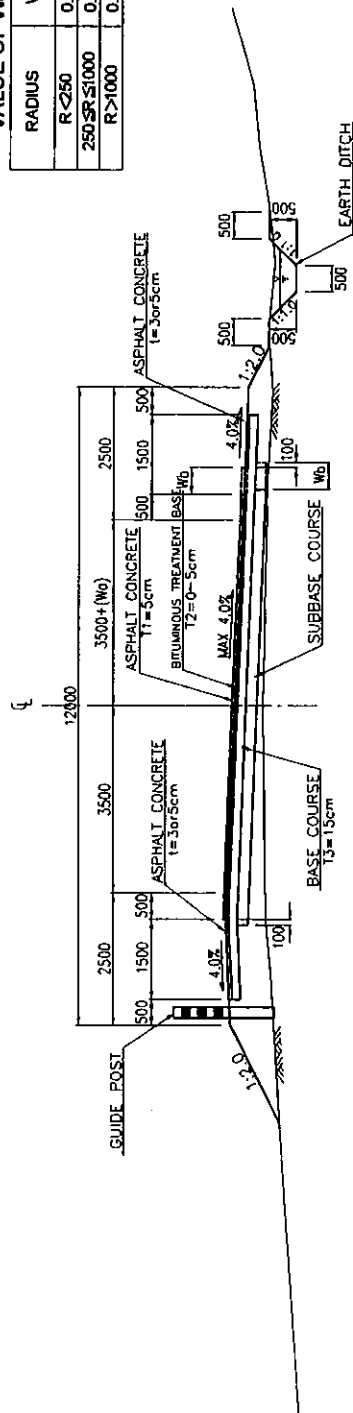
TYPE	STATION	T1	T2	T3	T4	REMARKS
6-1	12+200-14+000	5cm	-	15cm	20cm	HEAVY CUT AND FILL SECTION
6-2	14+000-22+000	5cm	5cm	15cm	15cm	"

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MAIN ROUTE TYPE-7
 (SUPERELEVATION SECTION WITHOUT WIDENING 1000<R<1300)

VALUE OF Wa & Wb		
RADIUS	Wa	Wb
R < 250	0.80m	0.00m
250 ≤ R ≤ 1000	0.00m	0.50m
R > 1000	0.00m	0.00m

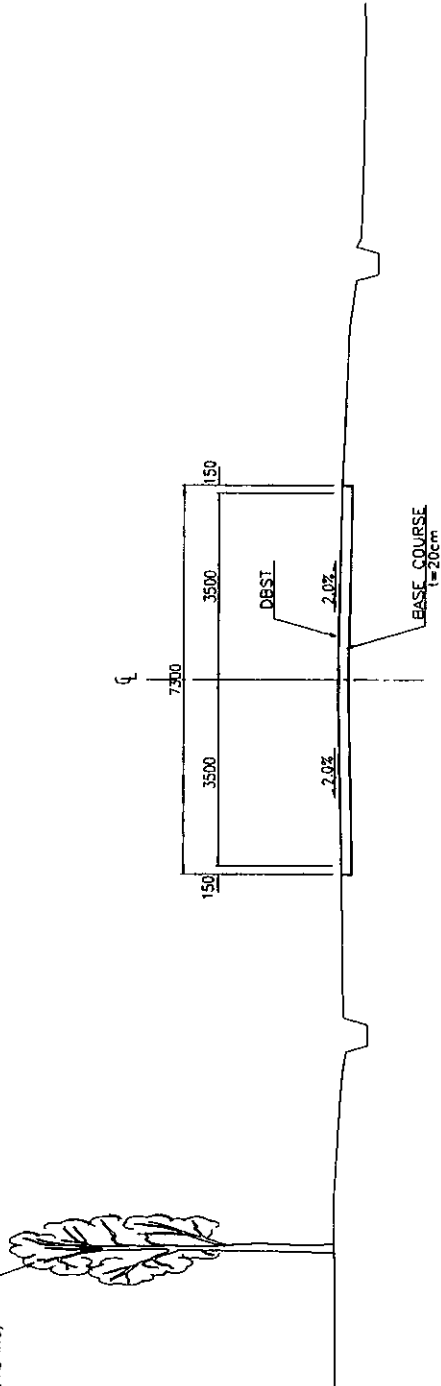


MAIN ROUTE TYPE-7
 (SUPERELEVATION SECTION WITH WIDENING 1500 ≤ R ≤ 1000)

*At Curve Sections where R < 250m, The Proposed Center Line shall be shifted Half the Widening Amount (Wa/2) toward the Inner side of the Curve

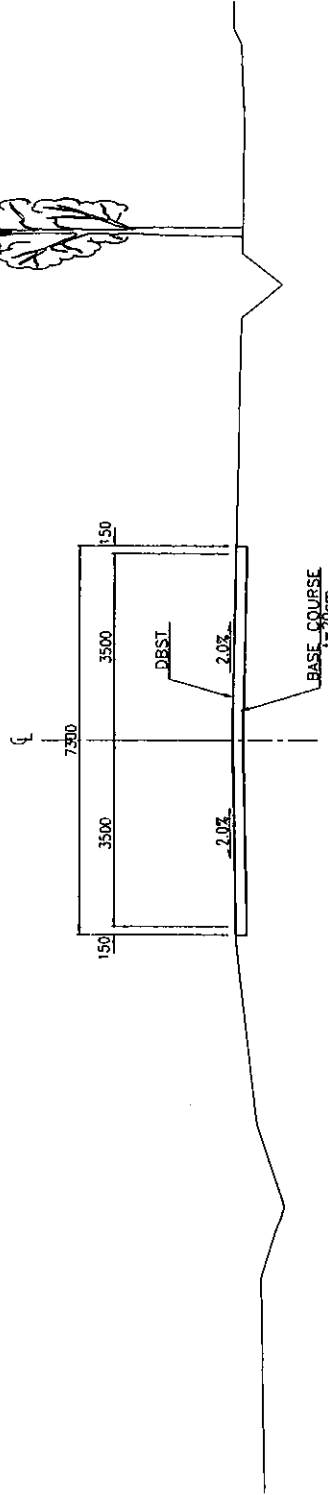
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NUJINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE:	TYPICAL CROSS SECTION MAIN ROUTE 4/4	SCALE:	1:50	DRAWING NO:	G-18

WINDBREAK PLANTATION
(EXISTING)



TYPE-8
CITY ROAD (1)

WINDBREAK PLANTATION
(EXISTING)



TYPE-9
CITY ROAD (2)

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BASIC DESIGN ON THE PROJECT FOR
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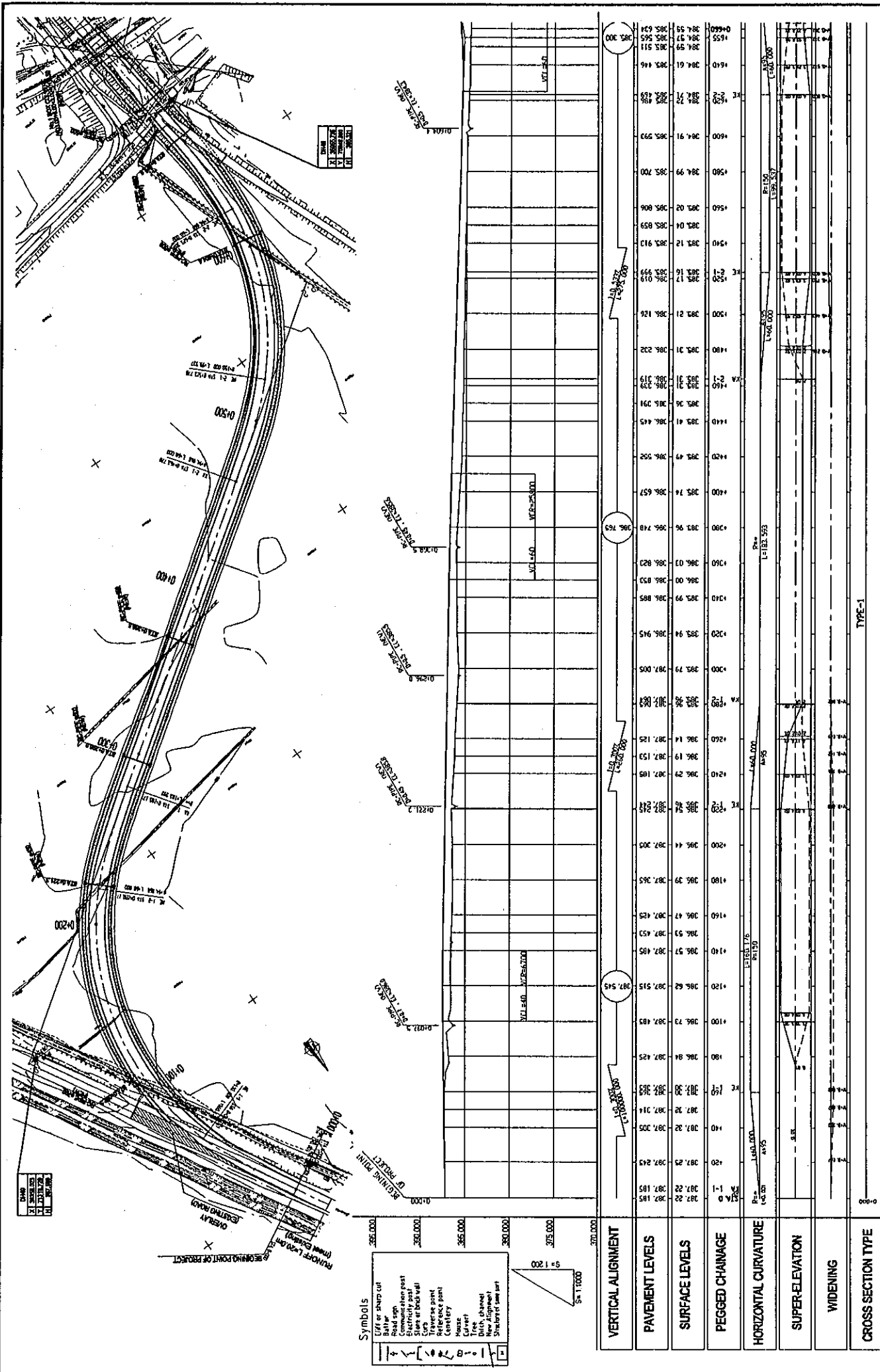
JAPAN INTERNATIONAL COOPERATION AGENCY
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TITLE:
TYPICAL CROSS SECTION
CITY ROAD

SCALE:
1:50

DRAWING No:
G-19

REV.



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REPUBLIC OF TAJIKISTAN

BASIC DESIGN ON THE PROJECT FOR
IMPROVEMENT OF DUSTY-NUJINY PYANDZH ROAD
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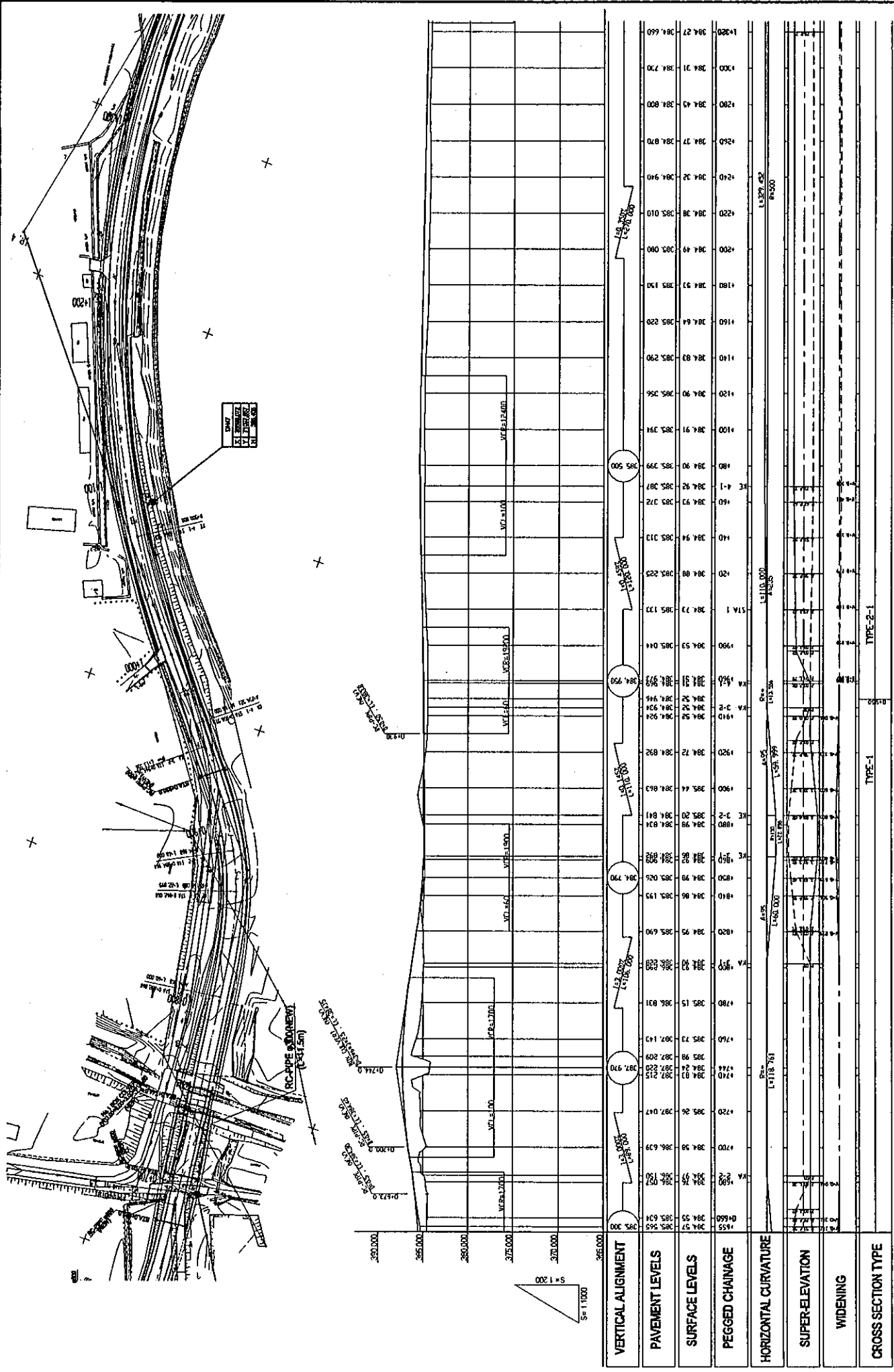
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

PLAN AND PROFILE
OF MAIN ROUTE
(STATION: 0+000 - 3+100 (0+680))

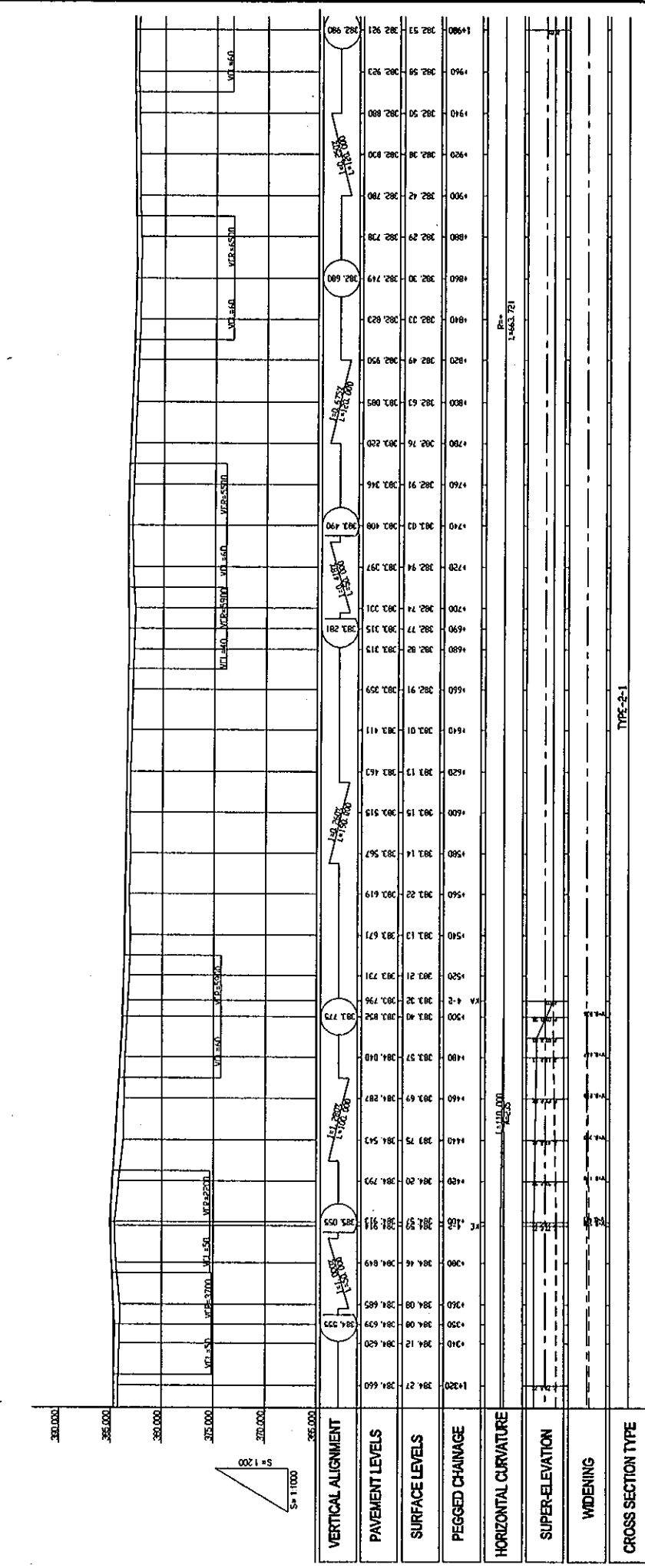
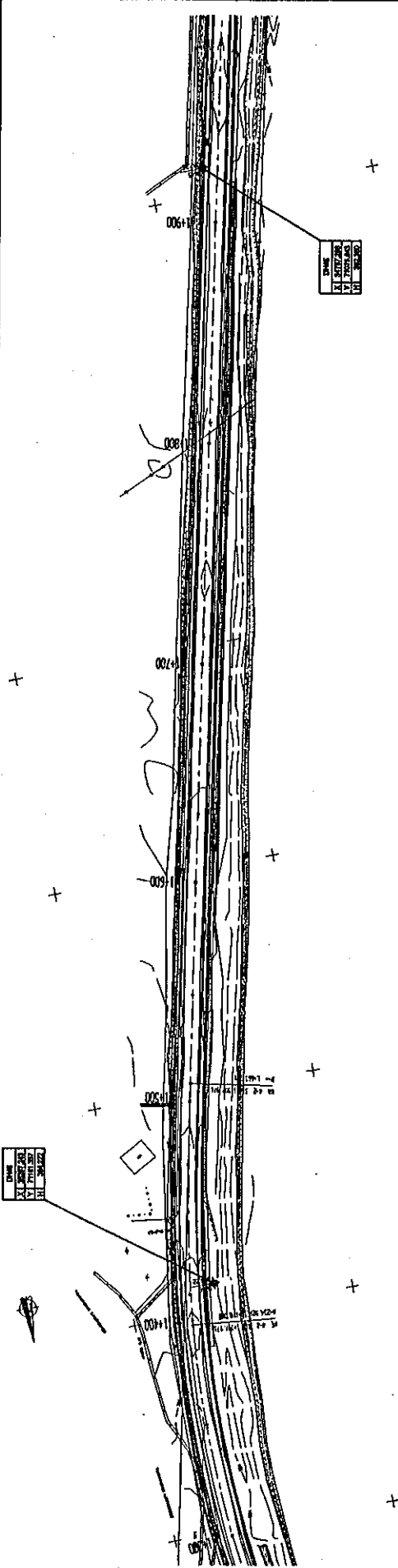
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DRAWING NO: PL-01

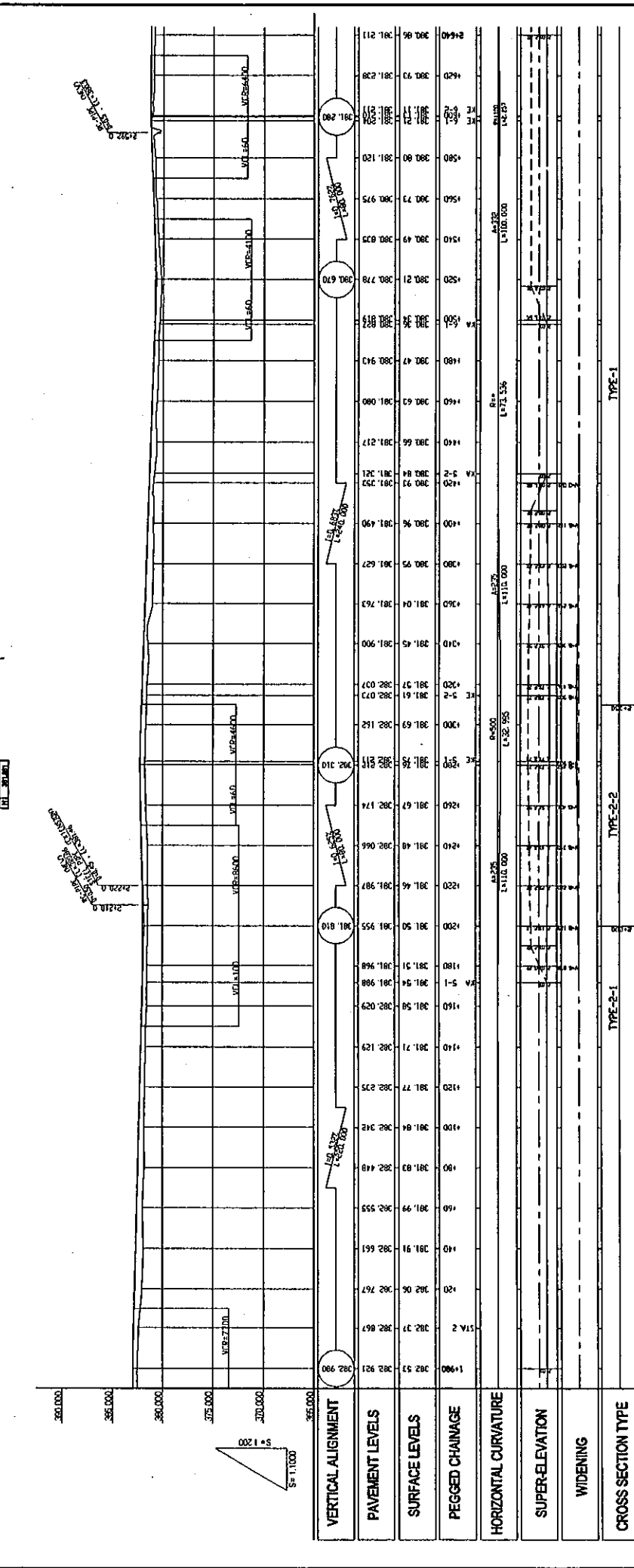
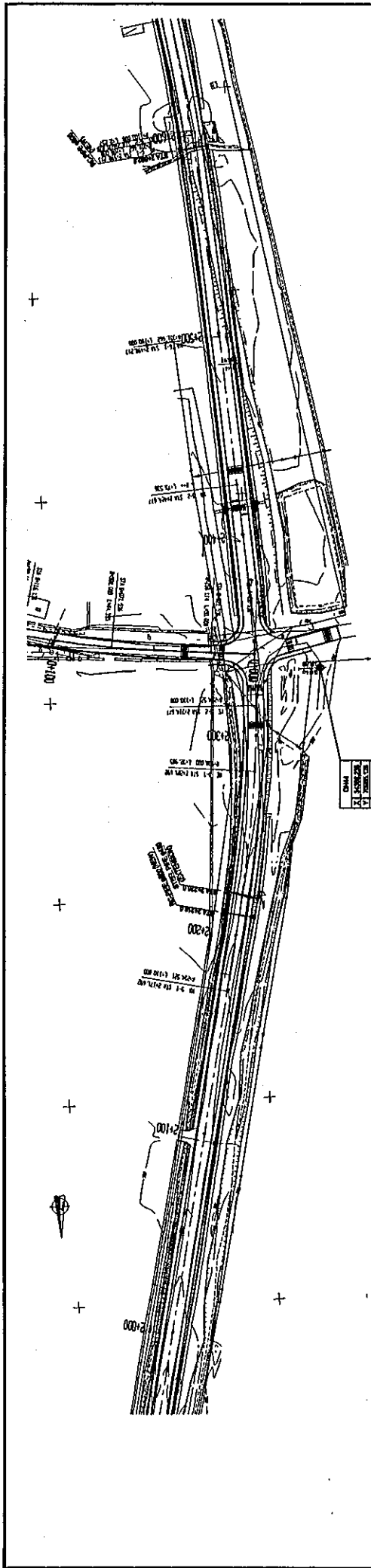
(Rev.)



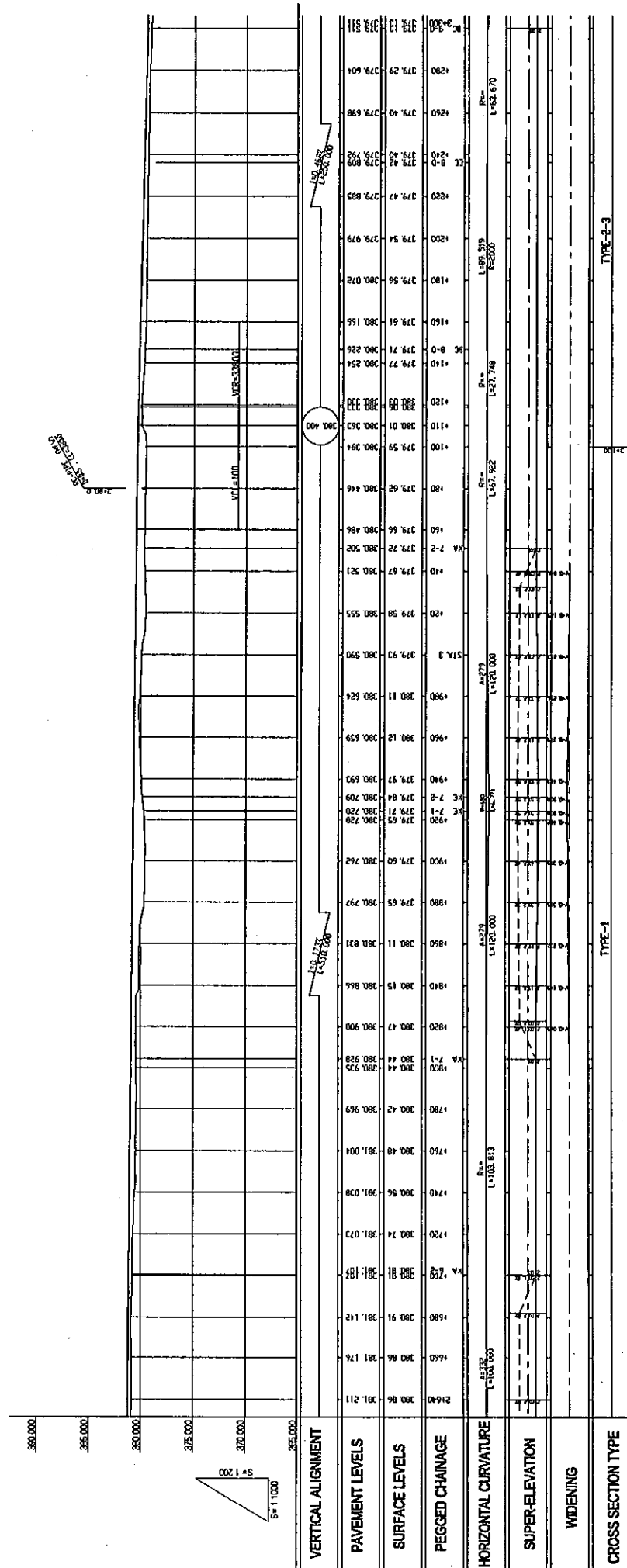
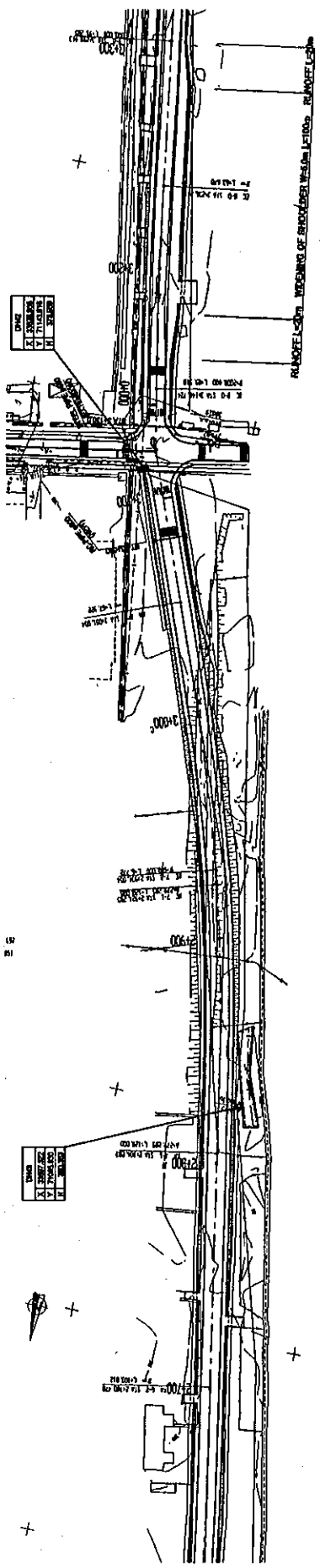
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NUJNY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: PLAN AND PROFILE OF MAIN ROUTE (STA. 0+660 - STA. 1+320)	SCALE: H=1:1000 V=1:200	DRAWING NO.: PL-02
				Rev.	



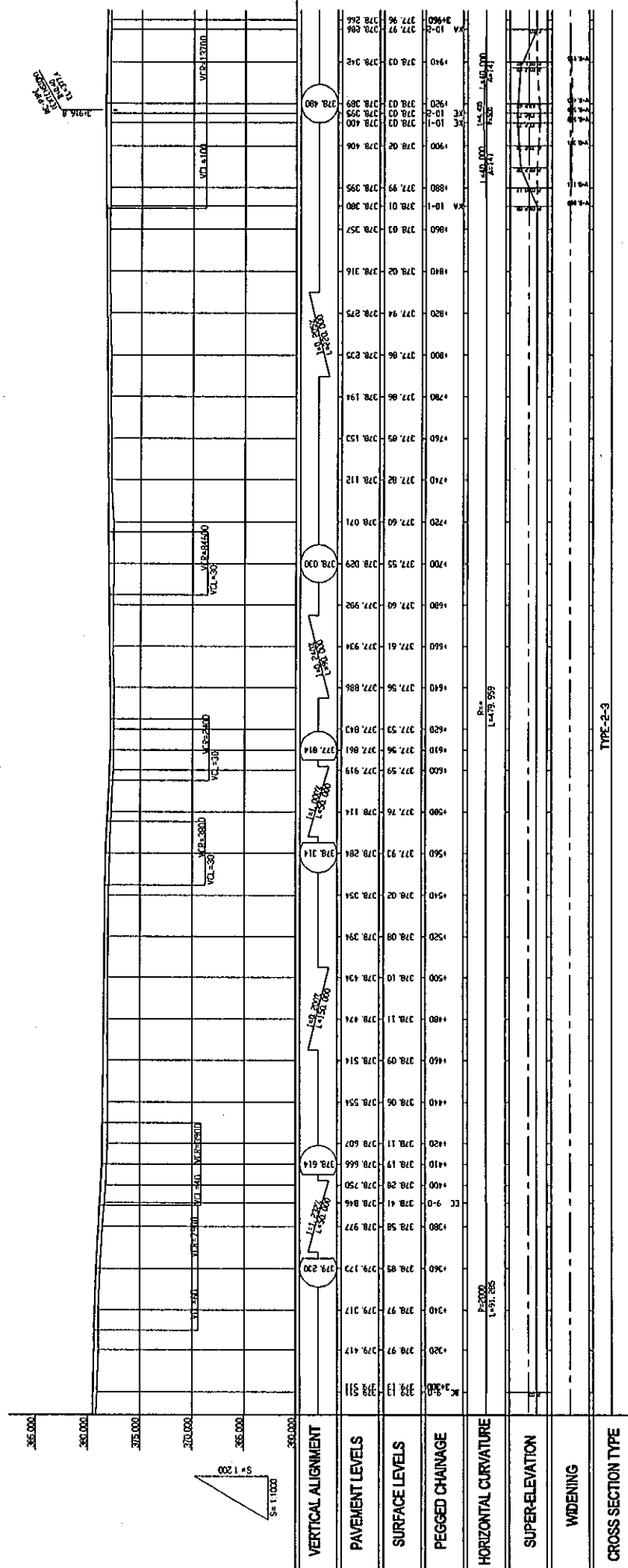
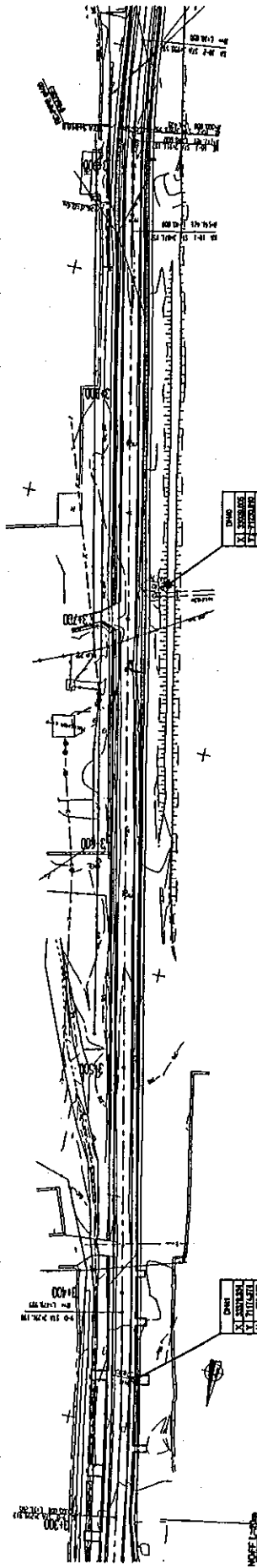
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			TYPE:	2-1					



MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NUJINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE:	PLAN AND PROFILE OF MAIN ROUTE (STA.1+990 - STA.2+010)	SCALE:	H=1:1000 V=1:200	DRAWING NO:	PL-04
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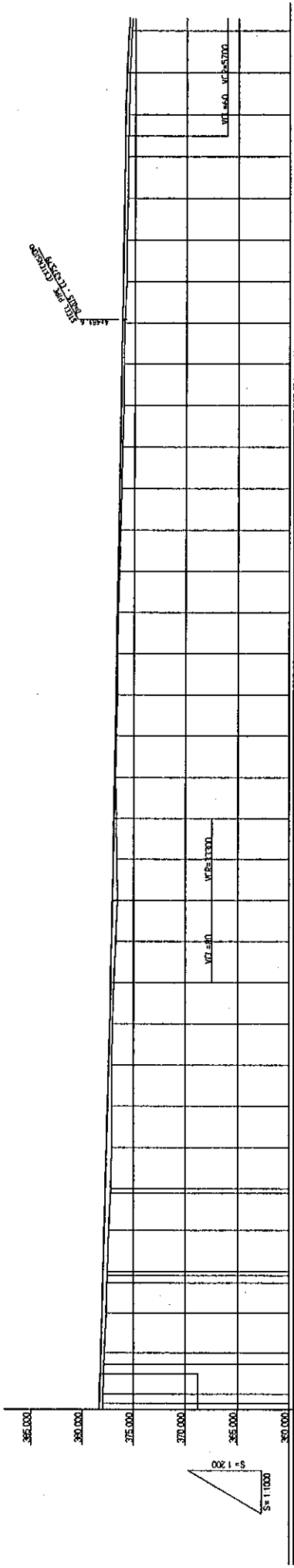
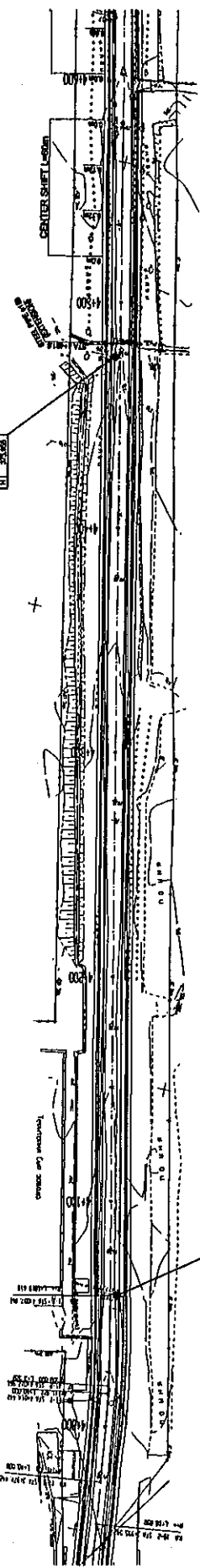
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NUJINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: PLAN AND PROFILE OF MAIN ROUTE (STA.1+640 - STA.3+300)	SCALE: H=1:1000 V=1:200	DRAWING NO: PL-05
			No.		



MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: PLAN AND PROFILE OF MAIN ROUTE (51A.3-300 - 51A.3-960)	SCALE: H=1:1000 V=1:200	DRAWING NO: PL-06	REV.
			TYPE-2-3			

DATE	
BY	
CHKD	
APP'D	

DATE	
BY	
CHKD	
APP'D	



VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHAINAGE	HORIZONTAL CURVATURE	SUPER-ELEVATION	WIDENING	CROSS SECTION TYPE
372+00	372.00	372.00	372.00				TYPE-3-1
372+10	372.10	372.10	372.10				
372+20	372.20	372.20	372.20				TYPE-3-3
372+30	372.30	372.30	372.30				
372+40	372.40	372.40	372.40				
372+50	372.50	372.50	372.50				
372+60	372.60	372.60	372.60				
372+70	372.70	372.70	372.70				
372+80	372.80	372.80	372.80				
372+90	372.90	372.90	372.90				
373+00	373.00	373.00	373.00				
373+10	373.10	373.10	373.10				
373+20	373.20	373.20	373.20				
373+30	373.30	373.30	373.30				
373+40	373.40	373.40	373.40				
373+50	373.50	373.50	373.50				
373+60	373.60	373.60	373.60				
373+70	373.70	373.70	373.70				
373+80	373.80	373.80	373.80				
373+90	373.90	373.90	373.90				
374+00	374.00	374.00	374.00				
374+10	374.10	374.10	374.10				
374+20	374.20	374.20	374.20				
374+30	374.30	374.30	374.30				
374+40	374.40	374.40	374.40				
374+50	374.50	374.50	374.50				
374+60	374.60	374.60	374.60				
374+70	374.70	374.70	374.70				
374+80	374.80	374.80	374.80				
374+90	374.90	374.90	374.90				
375+00	375.00	375.00	375.00				
375+10	375.10	375.10	375.10				
375+20	375.20	375.20	375.20				
375+30	375.30	375.30	375.30				
375+40	375.40	375.40	375.40				
375+50	375.50	375.50	375.50				
375+60	375.60	375.60	375.60				
375+70	375.70	375.70	375.70				
375+80	375.80	375.80	375.80				
375+90	375.90	375.90	375.90				
376+00	376.00	376.00	376.00				
376+10	376.10	376.10	376.10				
376+20	376.20	376.20	376.20				
376+30	376.30	376.30	376.30				
376+40	376.40	376.40	376.40				
376+50	376.50	376.50	376.50				
376+60	376.60	376.60	376.60				
376+70	376.70	376.70	376.70				
376+80	376.80	376.80	376.80				
376+90	376.90	376.90	376.90				
377+00	377.00	377.00	377.00				
377+10	377.10	377.10	377.10				
377+20	377.20	377.20	377.20				
377+30	377.30	377.30	377.30				
377+40	377.40	377.40	377.40				
377+50	377.50	377.50	377.50				
377+60	377.60	377.60	377.60				
377+70	377.70	377.70	377.70				
377+80	377.80	377.80	377.80				
377+90	377.90	377.90	377.90				
378+00	378.00	378.00	378.00				
378+10	378.10	378.10	378.10				
378+20	378.20	378.20	378.20				
378+30	378.30	378.30	378.30				
378+40	378.40	378.40	378.40				
378+50	378.50	378.50	378.50				
378+60	378.60	378.60	378.60				
378+70	378.70	378.70	378.70				
378+80	378.80	378.80	378.80				
378+90	378.90	378.90	378.90				
379+00	379.00	379.00	379.00				
379+10	379.10	379.10	379.10				
379+20	379.20	379.20	379.20				
379+30	379.30	379.30	379.30				
379+40	379.40	379.40	379.40				
379+50	379.50	379.50	379.50				
379+60	379.60	379.60	379.60				
379+70	379.70	379.70	379.70				
379+80	379.80	379.80	379.80				
379+90	379.90	379.90	379.90				
380+00	380.00	380.00	380.00				

MINISTRY OF TRANSPORT
REPUBLIC OF TAJIKISTAN

BASIC DESIGN ON THE PROJECT FOR
IMPROVEMENT OF DUSTY-NUJINY PYANDZH ROAD
IN REPUBLIC OF TAJIKISTAN

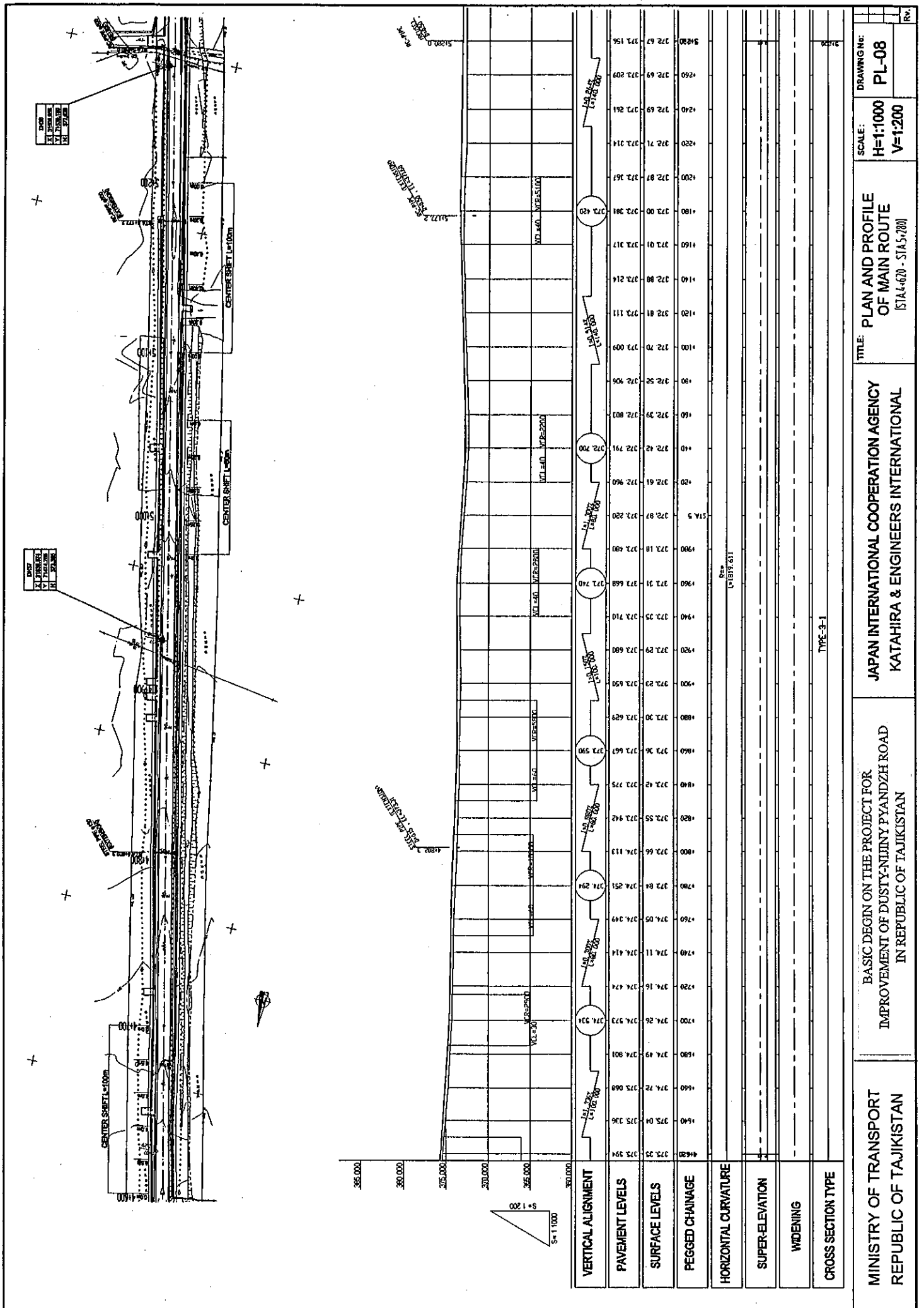
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

TITLE: PLAN AND PROFILE OF MAIN ROUTE
(STA.3+900 - STA.4+620)

SCALE: H=1:1000 V=1:200

DRAWING NO: PL-07

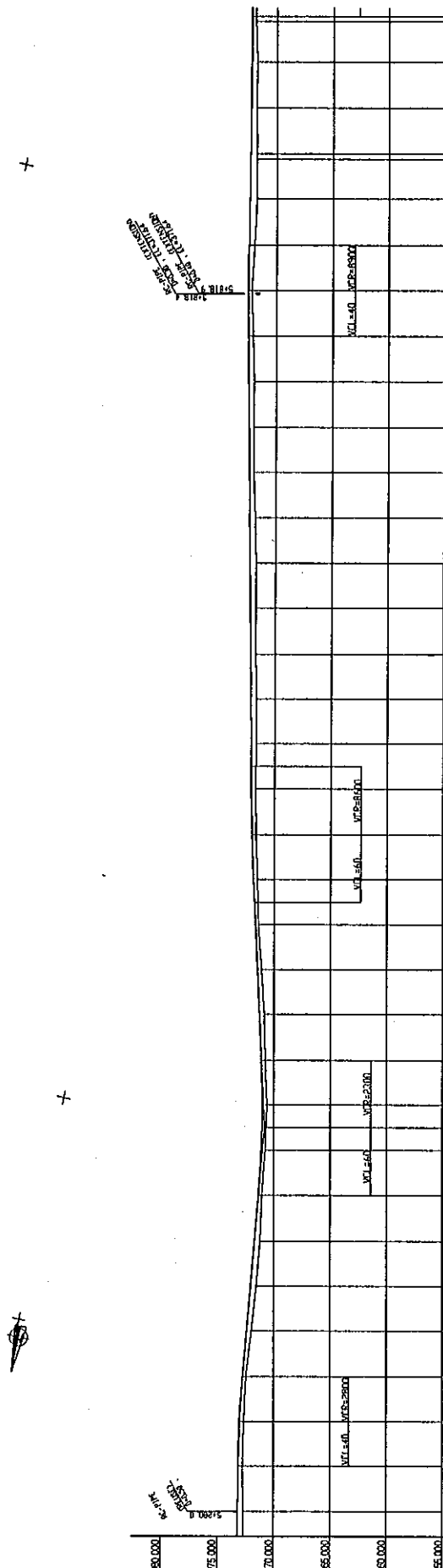
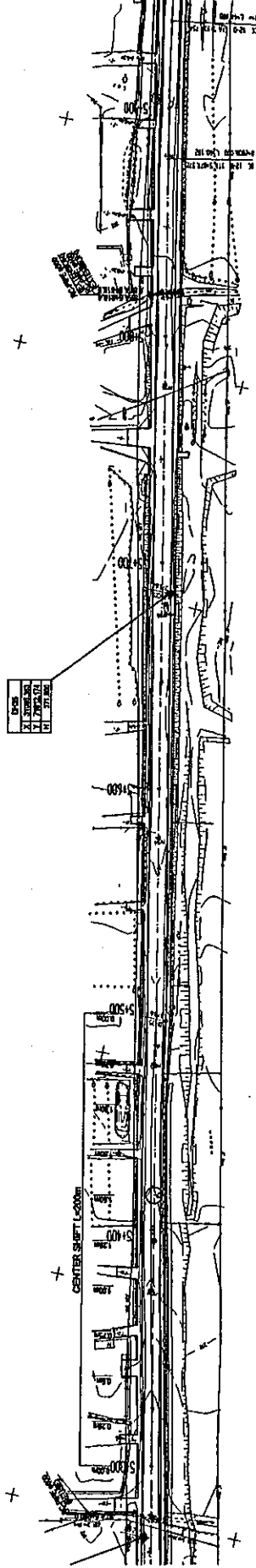
Rev.



DATE	11.11.2008
DESIGNER	A. J. J. J.
CHECKER	V. J. J.
APPROVER	V. J. J.

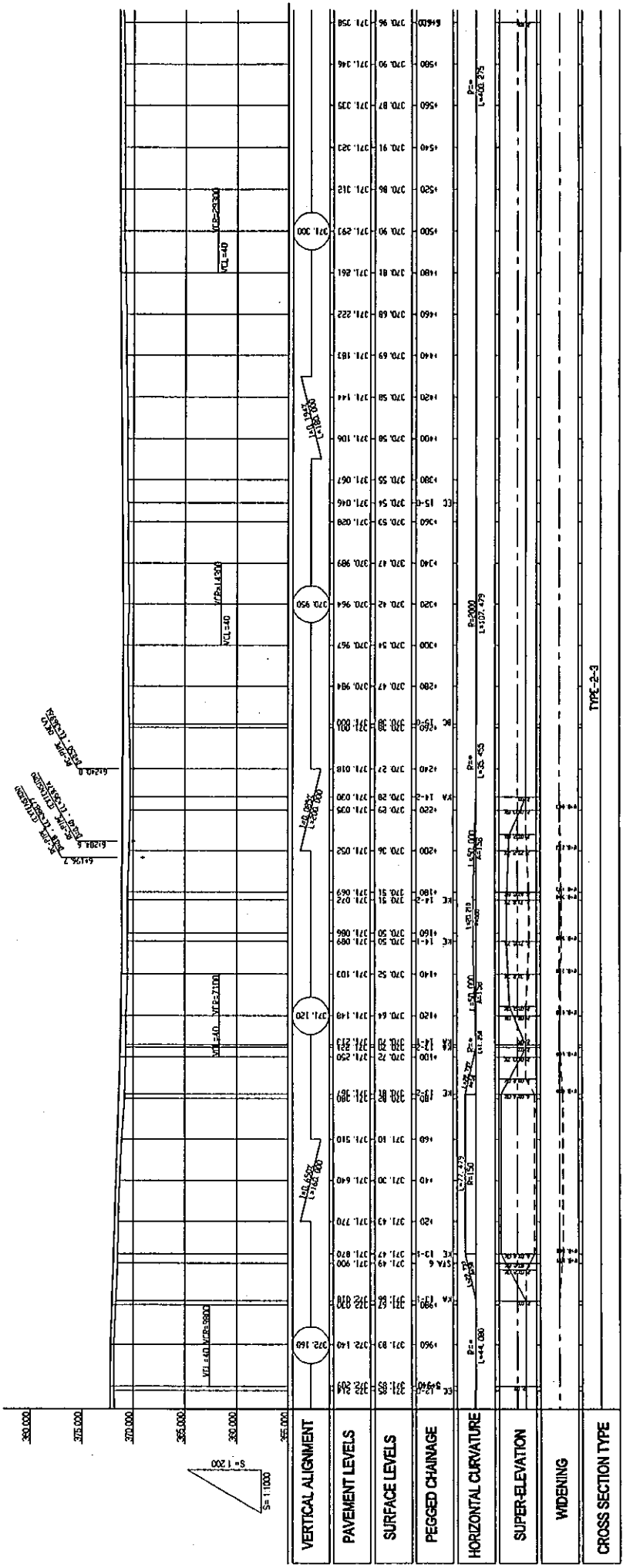
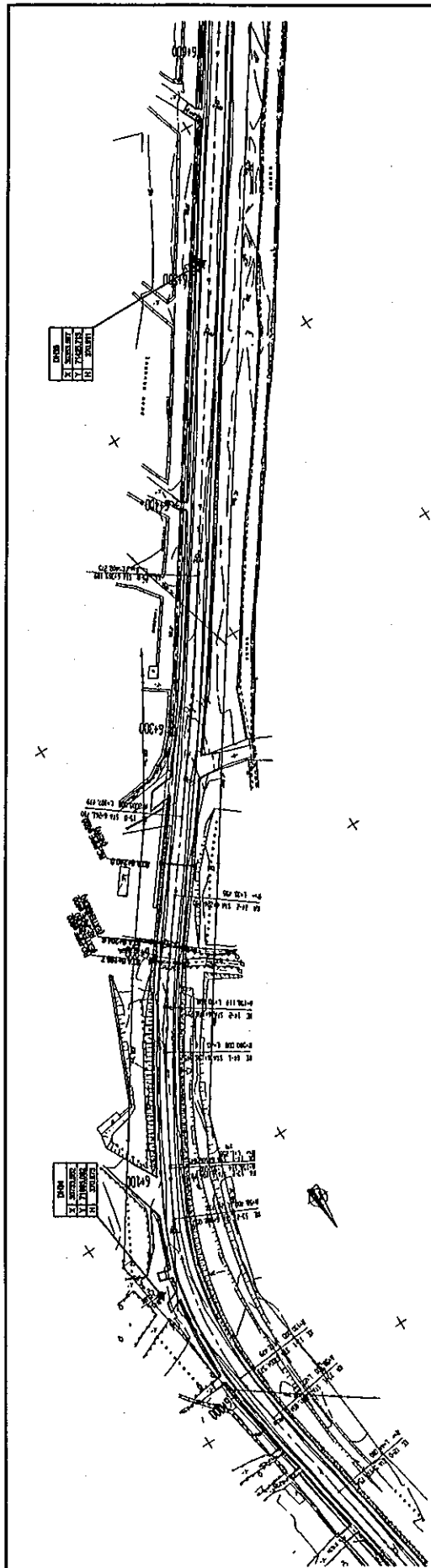
DATE	11.11.2008
DESIGNER	A. J. J. J.
CHECKER	V. J. J.
APPROVER	V. J. J.

DRAWING NO:	PL-08
	SCALE: H=1:1000 V=1:200
TITLE:	PLAN AND PROFILE OF MAIN ROUTE (STA 1640 - STA 3120)
JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	
BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NIJNIY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	
CROSS SECTION TYPE	TYPE-3-1
WIDENING	
SUPER-ELEVATION	
HORIZONTAL CURVATURE	
PEGGED CHANGING	
SURFACE LEVELS	
PAVEMENT LEVELS	
VERTICAL ALIGNMENT	



VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHAINAGE	HORIZONTAL CURVATURE	SUPER-ELEVATION	WIDENING	CROSS SECTION TYPE
372+67	372.67	372.67	372.64	371.51	371.96		TYPE-C-3
372+71	372.71	372.71	372.64	371.51	372.64		
372+77	372.77	372.77	372.64	371.51	372.64		TYPE-C-3
372+82	372.82	372.82	372.64	371.51	372.64		
372+88	372.88	372.88	372.64	371.51	372.64		TYPE-C-3
372+94	372.94	372.94	372.64	371.51	372.64		
372+100	372.100	372.100	372.64	371.51	372.64		TYPE-C-3
372+106	372.106	372.106	372.64	371.51	372.64		
372+112	372.112	372.112	372.64	371.51	372.64		TYPE-C-3
372+118	372.118	372.118	372.64	371.51	372.64		
372+124	372.124	372.124	372.64	371.51	372.64		TYPE-C-3
372+130	372.130	372.130	372.64	371.51	372.64		
372+136	372.136	372.136	372.64	371.51	372.64		TYPE-C-3
372+142	372.142	372.142	372.64	371.51	372.64		
372+148	372.148	372.148	372.64	371.51	372.64		TYPE-C-3
372+154	372.154	372.154	372.64	371.51	372.64		
372+160	372.160	372.160	372.64	371.51	372.64		TYPE-C-3
372+166	372.166	372.166	372.64	371.51	372.64		
372+172	372.172	372.172	372.64	371.51	372.64		TYPE-C-3
372+178	372.178	372.178	372.64	371.51	372.64		
372+184	372.184	372.184	372.64	371.51	372.64		TYPE-C-3
372+190	372.190	372.190	372.64	371.51	372.64		
372+196	372.196	372.196	372.64	371.51	372.64		TYPE-C-3
372+202	372.202	372.202	372.64	371.51	372.64		
372+208	372.208	372.208	372.64	371.51	372.64		TYPE-C-3
372+214	372.214	372.214	372.64	371.51	372.64		
372+220	372.220	372.220	372.64	371.51	372.64		TYPE-C-3
372+226	372.226	372.226	372.64	371.51	372.64		
372+232	372.232	372.232	372.64	371.51	372.64		TYPE-C-3
372+238	372.238	372.238	372.64	371.51	372.64		
372+244	372.244	372.244	372.64	371.51	372.64		TYPE-C-3
372+250	372.250	372.250	372.64	371.51	372.64		
372+256	372.256	372.256	372.64	371.51	372.64		TYPE-C-3
372+262	372.262	372.262	372.64	371.51	372.64		
372+268	372.268	372.268	372.64	371.51	372.64		TYPE-C-3
372+274	372.274	372.274	372.64	371.51	372.64		
372+280	372.280	372.280	372.64	371.51	372.64		TYPE-C-3
372+286	372.286	372.286	372.64	371.51	372.64		
372+292	372.292	372.292	372.64	371.51	372.64		TYPE-C-3
372+298	372.298	372.298	372.64	371.51	372.64		
372+304	372.304	372.304	372.64	371.51	372.64		TYPE-C-3
372+310	372.310	372.310	372.64	371.51	372.64		
372+316	372.316	372.316	372.64	371.51	372.64		TYPE-C-3
372+322	372.322	372.322	372.64	371.51	372.64		
372+328	372.328	372.328	372.64	371.51	372.64		TYPE-C-3
372+334	372.334	372.334	372.64	371.51	372.64		
372+340	372.340	372.340	372.64	371.51	372.64		TYPE-C-3
372+346	372.346	372.346	372.64	371.51	372.64		
372+352	372.352	372.352	372.64	371.51	372.64		TYPE-C-3
372+358	372.358	372.358	372.64	371.51	372.64		
372+364	372.364	372.364	372.64	371.51	372.64		TYPE-C-3
372+370	372.370	372.370	372.64	371.51	372.64		
372+376	372.376	372.376	372.64	371.51	372.64		TYPE-C-3
372+382	372.382	372.382	372.64	371.51	372.64		
372+388	372.388	372.388	372.64	371.51	372.64		TYPE-C-3
372+394	372.394	372.394	372.64	371.51	372.64		
372+400	372.400	372.400	372.64	371.51	372.64		TYPE-C-3
372+406	372.406	372.406	372.64	371.51	372.64		
372+412	372.412	372.412	372.64	371.51	372.64		TYPE-C-3
372+418	372.418	372.418	372.64	371.51	372.64		
372+424	372.424	372.424	372.64	371.51	372.64		TYPE-C-3
372+430	372.430	372.430	372.64	371.51	372.64		
372+436	372.436	372.436	372.64	371.51	372.64		TYPE-C-3
372+442	372.442	372.442	372.64	371.51	372.64		
372+448	372.448	372.448	372.64	371.51	372.64		TYPE-C-3
372+454	372.454	372.454	372.64	371.51	372.64		
372+460	372.460	372.460	372.64	371.51	372.64		TYPE-C-3
372+466	372.466	372.466	372.64	371.51	372.64		
372+472	372.472	372.472	372.64	371.51	372.64		TYPE-C-3
372+478	372.478	372.478	372.64	371.51	372.64		
372+484	372.484	372.484	372.64	371.51	372.64		TYPE-C-3
372+490	372.490	372.490	372.64	371.51	372.64		
372+496	372.496	372.496	372.64	371.51	372.64		TYPE-C-3
372+502	372.502	372.502	372.64	371.51	372.64		

DRAWING: PL-09
 SCALE: H=1:1000 V=1:200
 TITLE: PLAN AND PROFILE OF MAIN ROUTE (STA 5+700 - STA 5+940)
 JAPAN INTERNATIONAL COOPERATION AGENCY
 KATAHIRA & ENGINEERS INTERNATIONAL
 BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN
 MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN
 TYPE-C-3
 TYPE-C-3
 TYPE-C-3

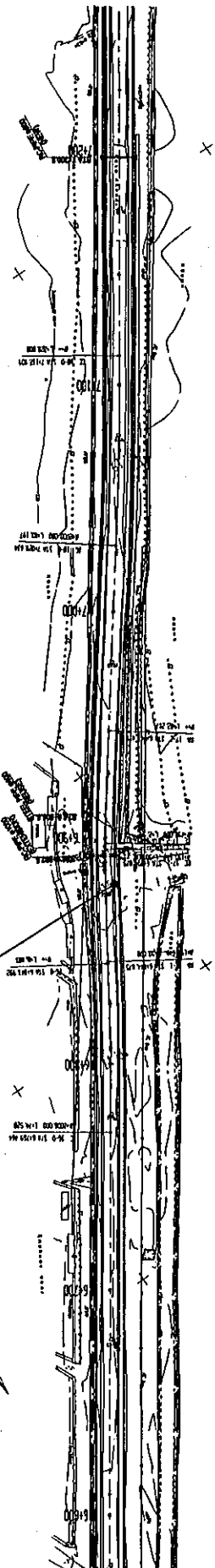


DRAWING NO: PL-10	SCALE: H=1:1000 V=1:200	TITLE: PLAN AND PROFILE OF MAIN ROUTE (STA.5+900 - STA.6+000)	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL
	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NDINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN		
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN			

DATE	BY
11/20/07	Y. J. J. J.
11/20/07	Y. J. J. J.
11/20/07	Y. J. J. J.

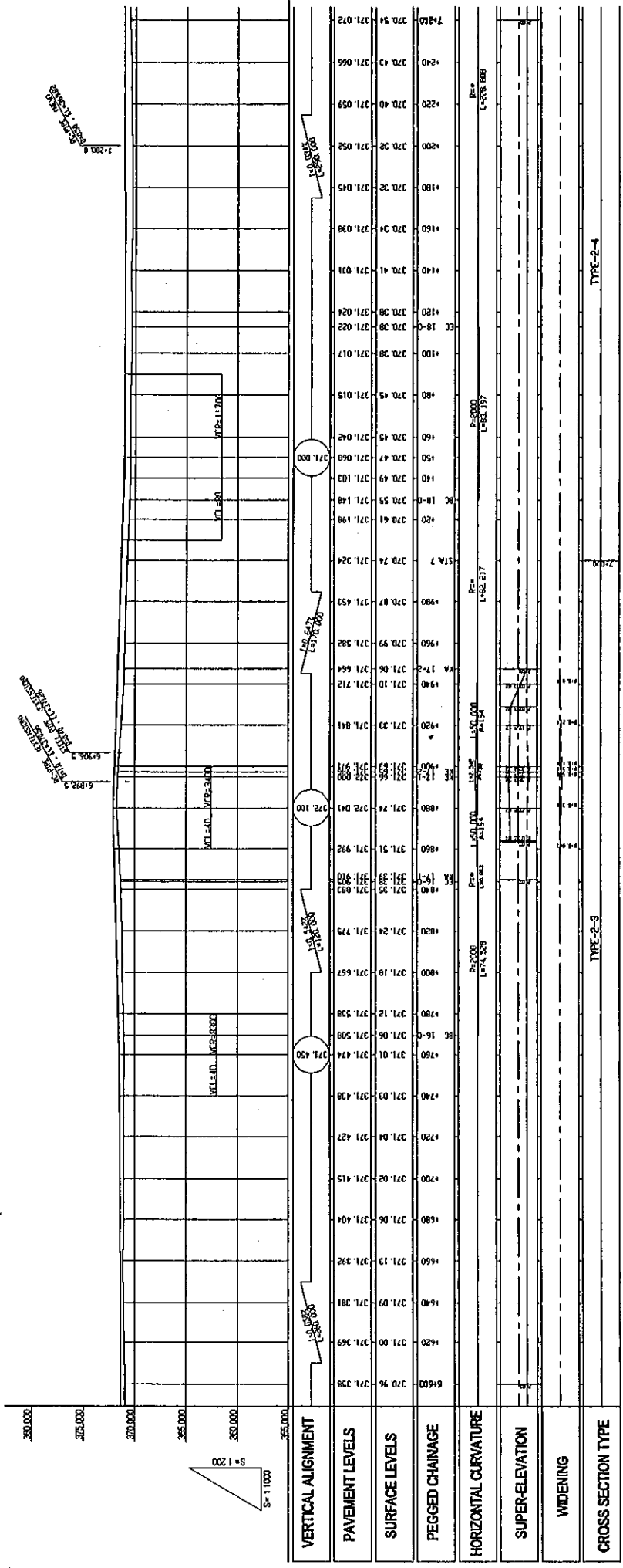
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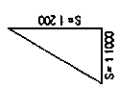


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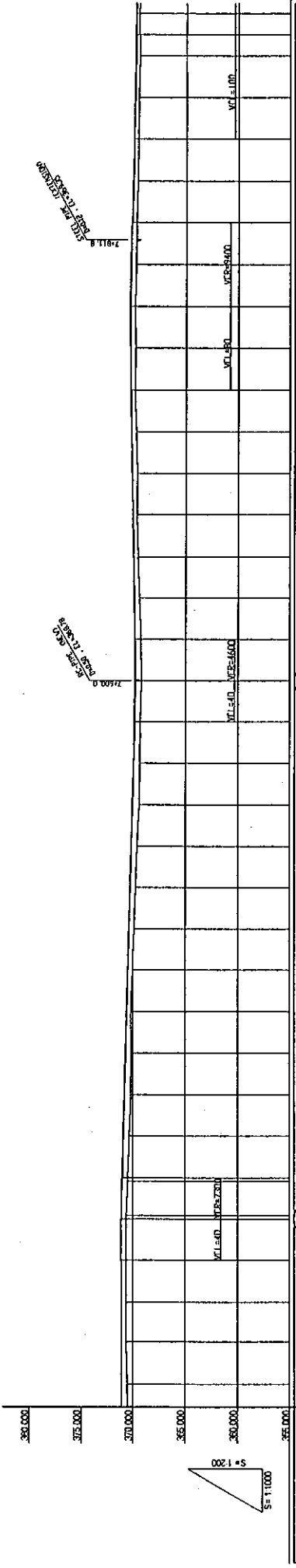
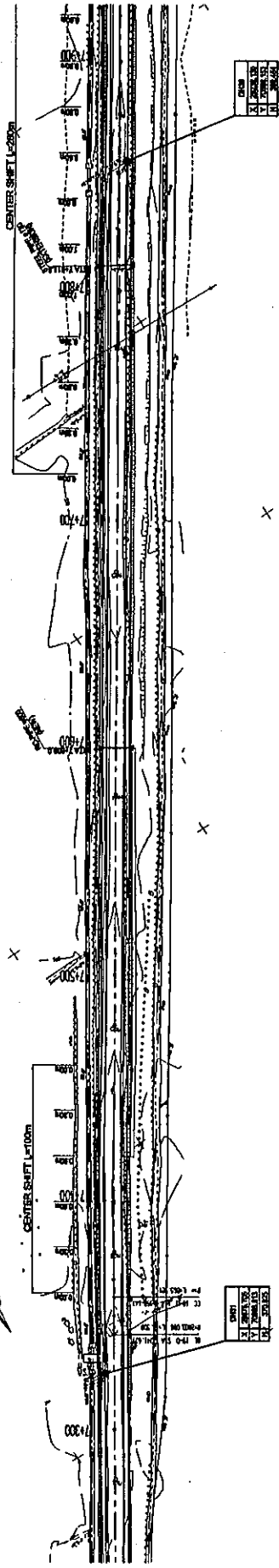


VERTICAL CURVE
L=117.00
G=0.8%



VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHAINAGE	HORIZONTAL CURVATURE	SUPER-ELEVATION	WIDENING	CROSS SECTION TYPE
6+00 270.96	271.358	271.392	271.392				TYPE-2-4
6+20 271.00	271.396	271.381	271.381				
6+40 271.09	271.381	271.366	271.366				
6+60 271.13	271.392	271.404	271.404				
6+80 271.06	271.404	271.427	271.427				
6+100 271.01	271.434	271.458	271.458				
6+120 271.06	271.508	271.538	271.538				
6+140 271.12	271.538	271.567	271.567				
6+160 271.18	271.657	271.779	271.779				
6+180 271.24	271.779	271.893	271.893				
6+200 271.35	271.893	271.970	271.970				
6+220 271.38	271.970	271.998	271.998				
6+240 271.40	271.998	272.011	272.011				
6+260 271.42	272.011	272.019	272.019				
6+280 271.43	272.019	272.024	272.024				
6+300 271.44	272.024	272.024	272.024				
6+320 271.45	272.024	272.015	272.015				
6+340 271.46	272.015	272.042	272.042				
6+360 271.47	272.042	272.068	272.068				
6+380 271.49	272.068	272.103	272.103				
6+400 271.49	272.103	272.148	272.148				
6+420 271.55	272.148	272.198	272.198				
6+440 271.61	272.198	272.244	272.244				
6+460 271.74	272.244	272.294	272.294				
6+480 271.87	272.294	272.343	272.343				
6+500 271.99	272.343	272.392	272.392				
6+520 272.06	272.392	272.444	272.444				
6+540 272.10	272.444	272.492	272.492				
6+560 272.11	272.492	272.538	272.538				
6+580 272.12	272.538	272.582	272.582				
6+600 272.13	272.582	272.624	272.624				
6+620 272.14	272.624	272.664	272.664				
6+640 272.15	272.664	272.702	272.702				
6+660 272.16	272.702	272.738	272.738				
6+680 272.17	272.738	272.772	272.772				
6+700 272.18	272.772	272.804	272.804				
6+720 272.19	272.804	272.834	272.834				
6+740 272.20	272.834	272.862	272.862				
6+760 272.21	272.862	272.888	272.888				
6+780 272.22	272.888	272.912	272.912				
6+800 272.23	272.912	272.934	272.934				
6+820 272.24	272.934	272.952	272.952				
6+840 272.25	272.952	272.966	272.966				
6+860 272.26	272.966	272.976	272.976				
6+880 272.27	272.976	272.982	272.982				
6+900 272.28	272.982	272.984	272.984				
6+920 272.29	272.984	272.981	272.981				
6+940 272.30	272.981	272.974	272.974				
6+960 272.31	272.974	272.962	272.962				
6+980 272.32	272.962	272.946	272.946				
7+000 272.32	272.946	272.926	272.926				
7+020 272.32	272.926	272.902	272.902				
7+040 272.32	272.902	272.874	272.874				
7+060 272.32	272.874	272.842	272.842				
7+080 272.32	272.842	272.806	272.806				
7+100 272.32	272.806	272.766	272.766				
7+120 272.32	272.766	272.722	272.722				
7+140 272.32	272.722	272.674	272.674				
7+160 272.32	272.674	272.622	272.622				
7+180 272.32	272.622	272.566	272.566				
7+200 272.32	272.566	272.506	272.506				
7+220 272.32	272.506	272.442	272.442				
7+240 272.32	272.442	272.374	272.374				
7+260 272.32	272.374	272.302	272.302				
7+280 272.32	272.302	272.226	272.226				
7+300 272.32	272.226	272.146	272.146				
7+320 272.32	272.146	272.062	272.062				
7+340 272.32	272.062	271.974	271.974				
7+360 272.32	271.974	271.882	271.882				
7+380 272.32	271.882	271.786	271.786				
7+400 272.32	271.786	271.686	271.686				
7+420 272.32	271.686	271.582	271.582				
7+440 272.32	271.582	271.474	271.474				
7+460 272.32	271.474	271.362	271.362				
7+480 272.32	271.362	271.246	271.246				
7+500 272.32	271.246	271.126	271.126				
7+520 272.32	271.126	271.002	271.002				
7+540 272.32	271.002	270.874	270.874				
7+560 272.32	270.874	270.742	270.742				
7+580 272.32	270.742	270.606	270.606				
7+600 272.32	270.606	270.466	270.466				
7+620 272.32	270.466	270.322	270.322				
7+640 272.32	270.322	270.174	270.174				
7+660 272.32	270.174	270.022	270.022				
7+680 272.32	270.022	269.866	269.866				
7+700 272.32	269.866	269.706	269.706				
7+720 272.32	269.706	269.542	269.542				
7+740 272.32	269.542	269.374	269.374				
7+760 272.32	269.374	269.202	269.202				
7+780 272.32	269.202	269.026	269.026				
7+800 272.32	269.026	268.846	268.846				
7+820 272.32	268.846	268.662	268.662				
7+840 272.32	268.662	268.474	268.474				
7+860 272.32	268.474	268.282	268.282				
7+880 272.32	268.282	268.086	268.086				
7+900 272.32	268.086	267.886	267.886				
7+920 272.32	267.886	267.682	267.682				
7+940 272.32	267.682	267.474	267.474				
7+960 272.32	267.474	267.262	267.262				
7+980 272.32	267.262	267.046	267.046				
8+000 272.32	267.046	266.826	266.826				

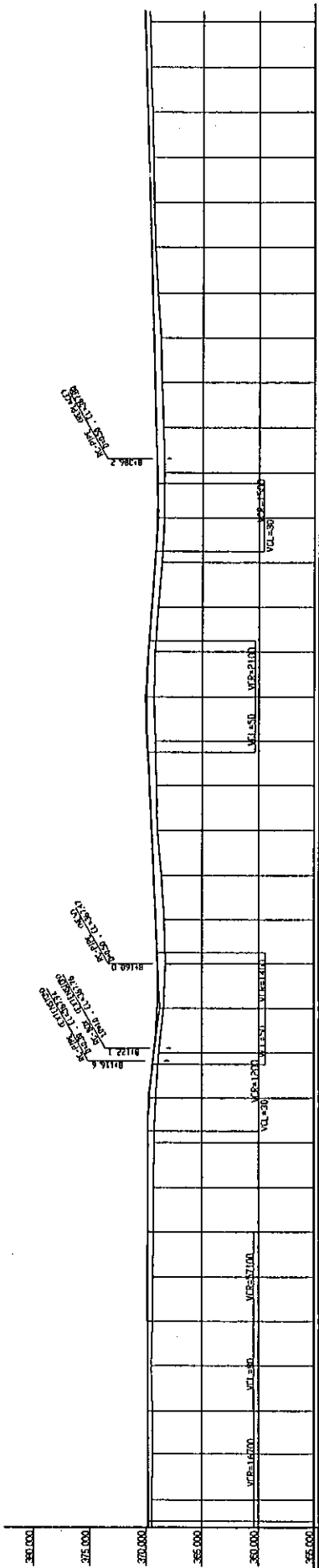
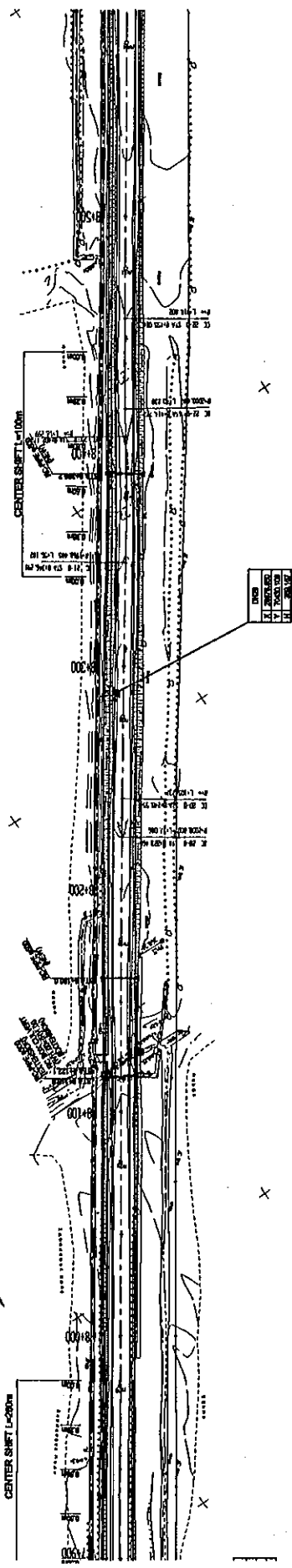
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NININY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: PLAN AND PROFILE OF MAIN ROUTE (STA.6+600 - STA.7+200)	SCALE: H=1:1000 V=1:200	DRAWING NO: PL-11	REV.
			TYPE-2-4	TYPE-2-3	TYPE-2-4	



VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHAINAGE	HORIZONTAL CURVATURE	SUPER-ELEVATION	WIDENING	CROSS SECTION TYPE
7260.0	720.54	721.072	720.54				
7280.0	720.62	721.079	720.62				
7300.0	720.59	721.086	720.59				
7320.0	720.67	721.093	720.67				
7340.0	720.58	721.023	720.58				
7360.0	720.58	721.023	720.58				
7380.0	720.59	721.099	720.59				
7400.0	720.18	720.791	720.18				
7420.0	720.13	720.688	720.13				
7440.0	720.16	720.585	720.16				
7460.0	720.04	720.482	720.04				
7480.0	720.90	720.379	720.90				
7500.0	720.76	720.275	720.76				
7520.0	720.59	720.172	720.59				
7540.0	720.44	720.069	720.44				
7560.0	720.35	720.966	720.35				
7580.0	720.32	720.063	720.32				
7600.0	720.23	720.904	720.23				
7620.0	720.27	720.801	720.27				
7640.0	720.44	720.902	720.44				
7660.0	720.57	720.973	720.57				
7680.0	720.64	720.044	720.64				
7700.0	720.66	720.116	720.66				
7720.0	720.76	720.187	720.76				
7740.0	720.87	720.258	720.87				
7760.0	720.84	720.307	720.84				
7780.0	720.88	720.314	720.88				
7800.0	720.78	720.279	720.78				
7820.0	720.74	720.200	720.74				
7840.0	720.68	720.100	720.68				
7860.0	720.61	720.000	720.61				
7880.0	720.57	720.912	720.57				
7900.0	720.46	720.848	720.46				
7920.0	720.47	720.825	720.47				
7940.0	720.48	720.808	720.48				

TYPE-2-4

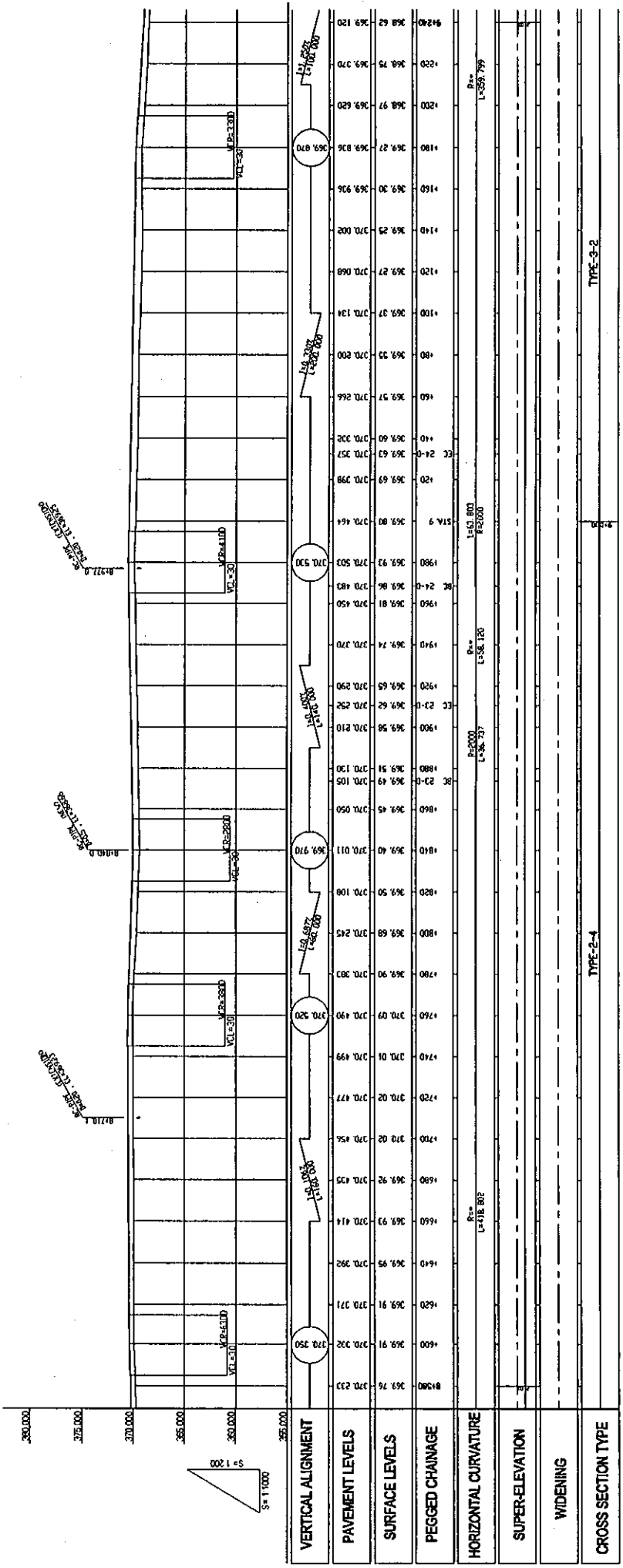
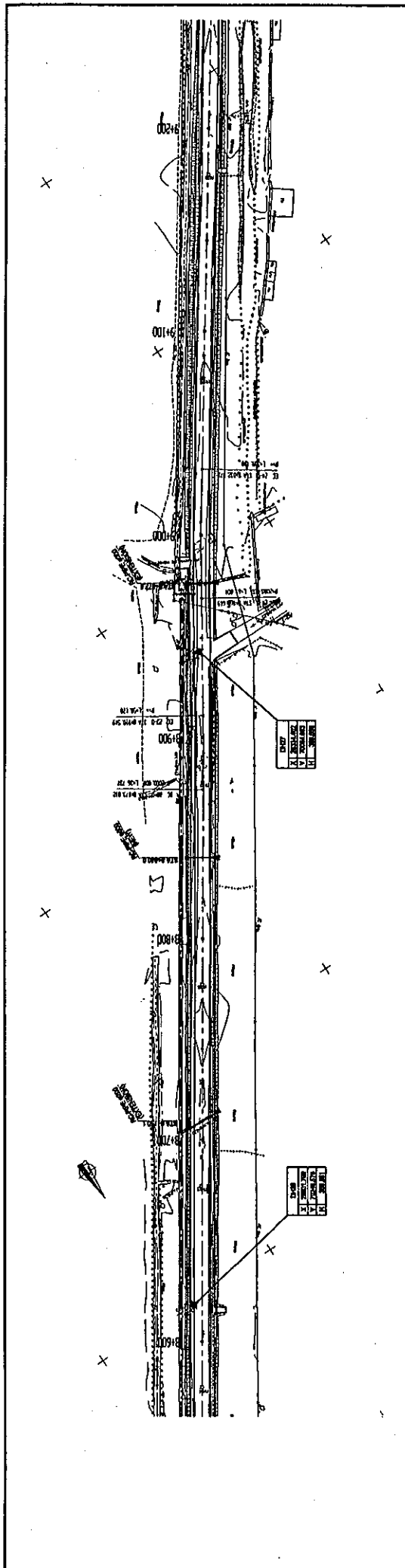
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL
TITLE: PLAN AND PROFILE OF MAIN ROUTE (STA. 7+260 - STA. 9+220)		SCALE: H=1:1000 V=1:200
		DRAWING NO: PL-12
		REV.



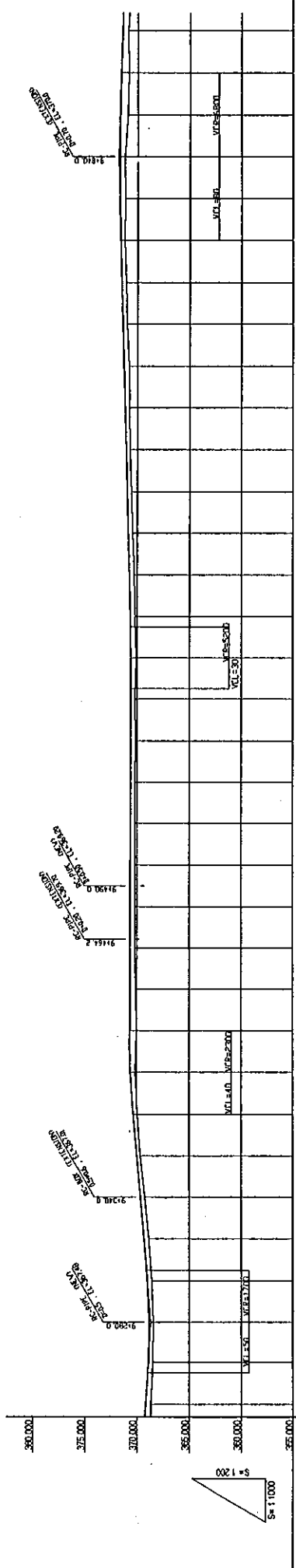
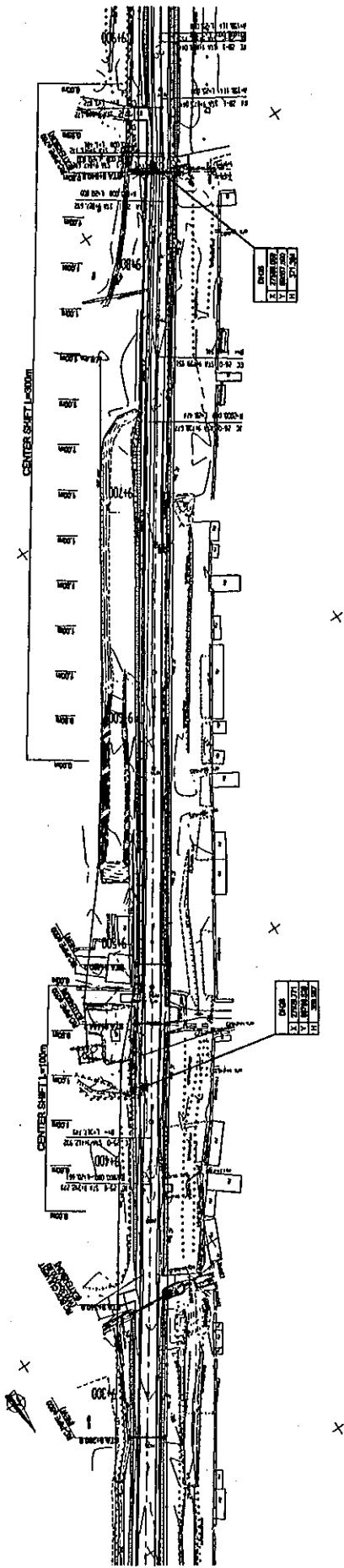
VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHAINAGE	HORIZONTAL CURVATURE	SUPER-ELEVATION	WIDENING	CROSS SECTION TYPE
305.000	305.873	305.873	100				
304.000	305.827	305.827	110				
303.000	305.792	305.792	120				
302.000	305.808	305.808	130				
301.000	305.840	305.840	140				
300.000	305.826	305.826	150				
299.000	305.816	305.816	160				
298.000	305.824	305.824	170				
297.000	305.828	305.828	180				
296.000	305.829	305.829	190				
295.000	305.829	305.829	200				
294.000	305.828	305.828	210				
293.000	305.826	305.826	220				
292.000	305.822	305.822	230				
291.000	305.816	305.816	240				
290.000	305.808	305.808	250				
289.000	305.800	305.800	260				
288.000	305.792	305.792	270				
287.000	305.784	305.784	280				
286.000	305.776	305.776	290				
285.000	305.768	305.768	300				
284.000	305.760	305.760	310				
283.000	305.752	305.752	320				
282.000	305.744	305.744	330				
281.000	305.736	305.736	340				
280.000	305.728	305.728	350				
279.000	305.720	305.720	360				
278.000	305.712	305.712	370				
277.000	305.704	305.704	380				
276.000	305.696	305.696	390				
275.000	305.688	305.688	400				
274.000	305.680	305.680	410				
273.000	305.672	305.672	420				
272.000	305.664	305.664	430				
271.000	305.656	305.656	440				
270.000	305.648	305.648	450				
269.000	305.640	305.640	460				
268.000	305.632	305.632	470				
267.000	305.624	305.624	480				
266.000	305.616	305.616	490				
265.000	305.608	305.608	500				
264.000	305.600	305.600	510				
263.000	305.592	305.592	520				
262.000	305.584	305.584	530				
261.000	305.576	305.576	540				
260.000	305.568	305.568	550				
259.000	305.560	305.560	560				
258.000	305.552	305.552	570				
257.000	305.544	305.544	580				
256.000	305.536	305.536	590				
255.000	305.528	305.528	600				
254.000	305.520	305.520	610				
253.000	305.512	305.512	620				
252.000	305.504	305.504	630				
251.000	305.496	305.496	640				
250.000	305.488	305.488	650				
249.000	305.480	305.480	660				
248.000	305.472	305.472	670				
247.000	305.464	305.464	680				
246.000	305.456	305.456	690				
245.000	305.448	305.448	700				
244.000	305.440	305.440	710				
243.000	305.432	305.432	720				
242.000	305.424	305.424	730				
241.000	305.416	305.416	740				
240.000	305.408	305.408	750				
239.000	305.400	305.400	760				
238.000	305.392	305.392	770				
237.000	305.384	305.384	780				
236.000	305.376	305.376	790				
235.000	305.368	305.368	800				
234.000	305.360	305.360	810				
233.000	305.352	305.352	820				
232.000	305.344	305.344	830				
231.000	305.336	305.336	840				
230.000	305.328	305.328	850				
229.000	305.320	305.320	860				
228.000	305.312	305.312	870				
227.000	305.304	305.304	880				
226.000	305.296	305.296	890				
225.000	305.288	305.288	900				
224.000	305.280	305.280	910				
223.000	305.272	305.272	920				
222.000	305.264	305.264	930				
221.000	305.256	305.256	940				
220.000	305.248	305.248	950				
219.000	305.240	305.240	960				
218.000	305.232	305.232	970				
217.000	305.224	305.224	980				
216.000	305.216	305.216	990				
215.000	305.208	305.208	1000				

TYPE-2-4

MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: PLAN AND PROFILE OF MAIN ROUTE (STA 1+20 - STA 6+500)
		SCALE: H=1:1000 V=1:200	DRAWING No: PL-13
		Rev.	



MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NININY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: PLAN AND PROFILE OF MAIN ROUTE (STA. 8+500 - STA. 9+200)	SCALE: H=1:1000 V=1:200	DRAWING NO: PL-14
			TYPE-2-4	TYPE-3-2	No. L-558-799



Station	Vertical Curve	Surface Level	Pegged Change	Horizontal Curvature	Super-Elevation	Widening	Cross Section Type
0+000		370.00					
0+100		370.10					
0+200		370.20					
0+300		370.30					
0+400		370.40					
0+500		370.50					
0+600		370.60					
0+700		370.70					
0+800		370.80					
0+900		370.90					

MINISTRY OF TRANSPORT
REPUBLIC OF TAJIKISTAN

BASIC DESIGN ON THE PROJECT FOR
IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD
IN REPUBLIC OF TAJIKISTAN

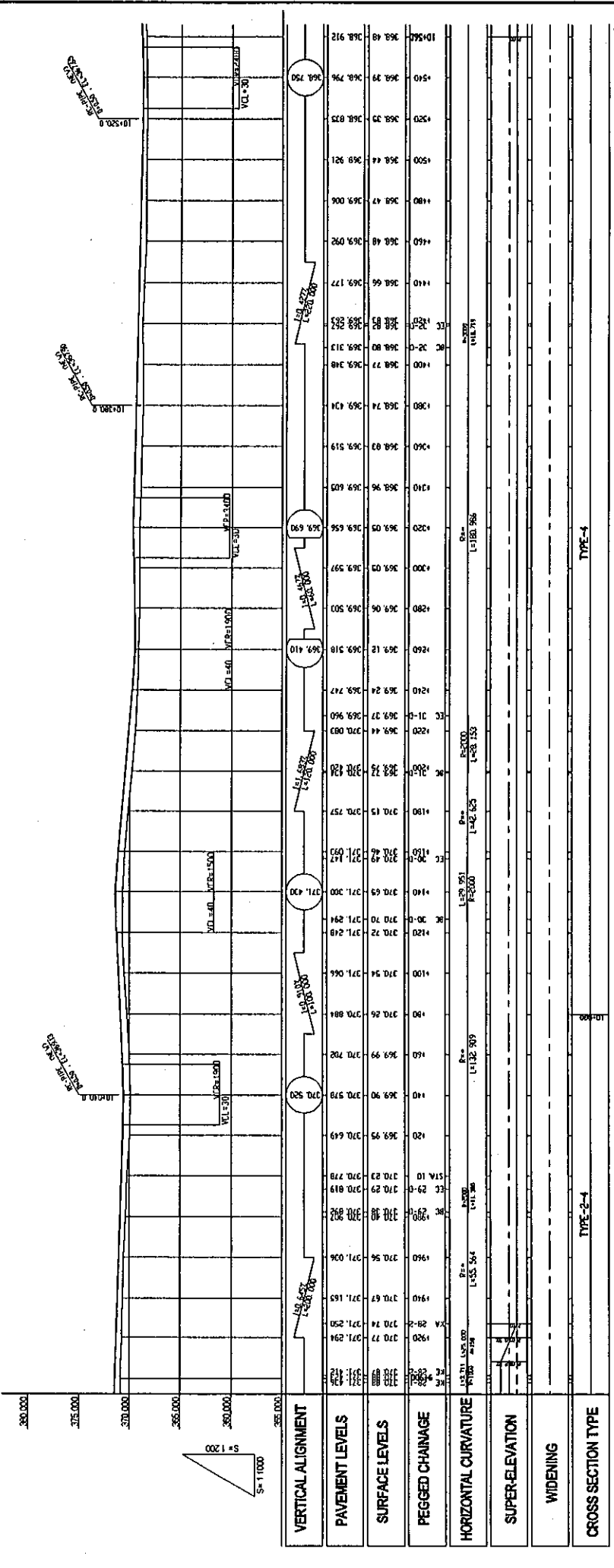
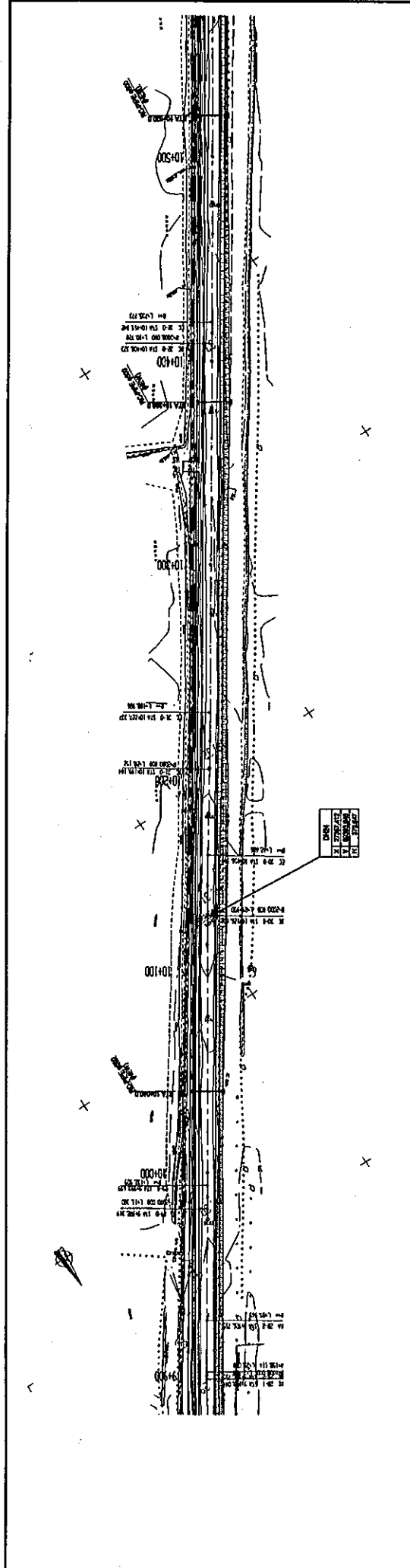
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

TITLE: PLAN AND PROFILE
OF MAIN ROUTE
(STA 0+240 - STA 0+900)

SCALE: H=1:1000
V=1:200

DRAWING No: PL-15

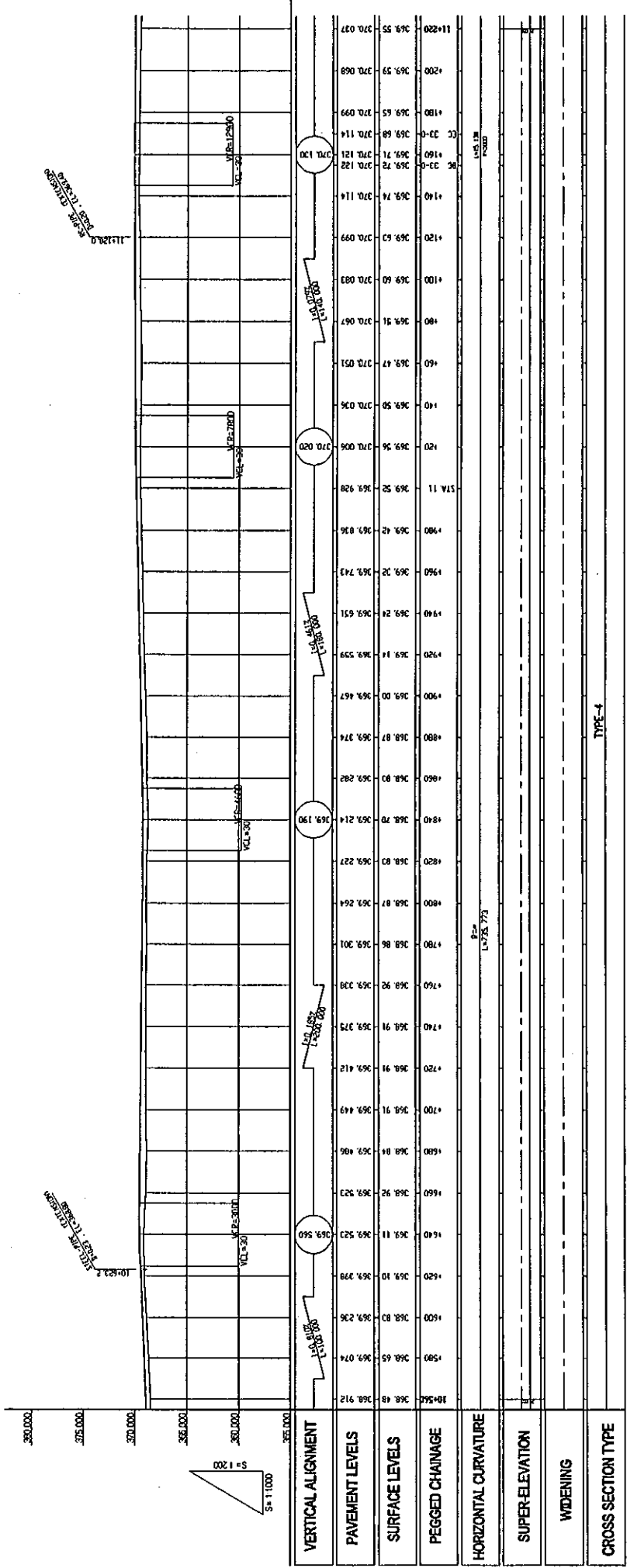
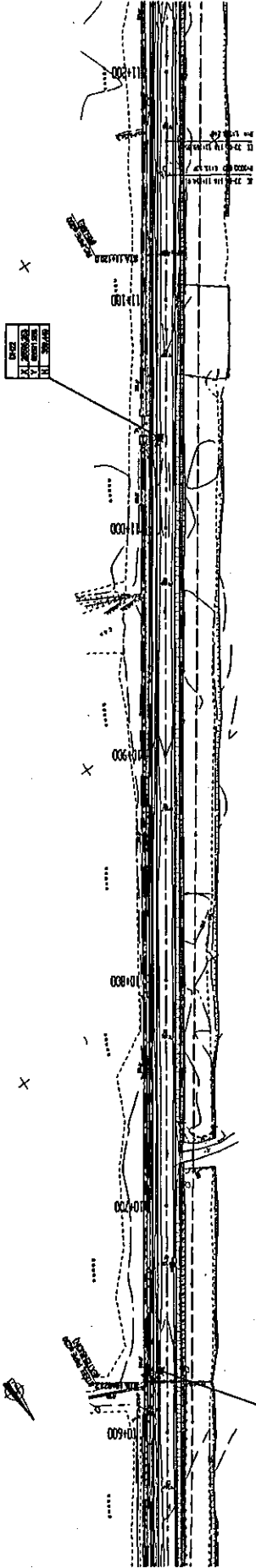
Rev.



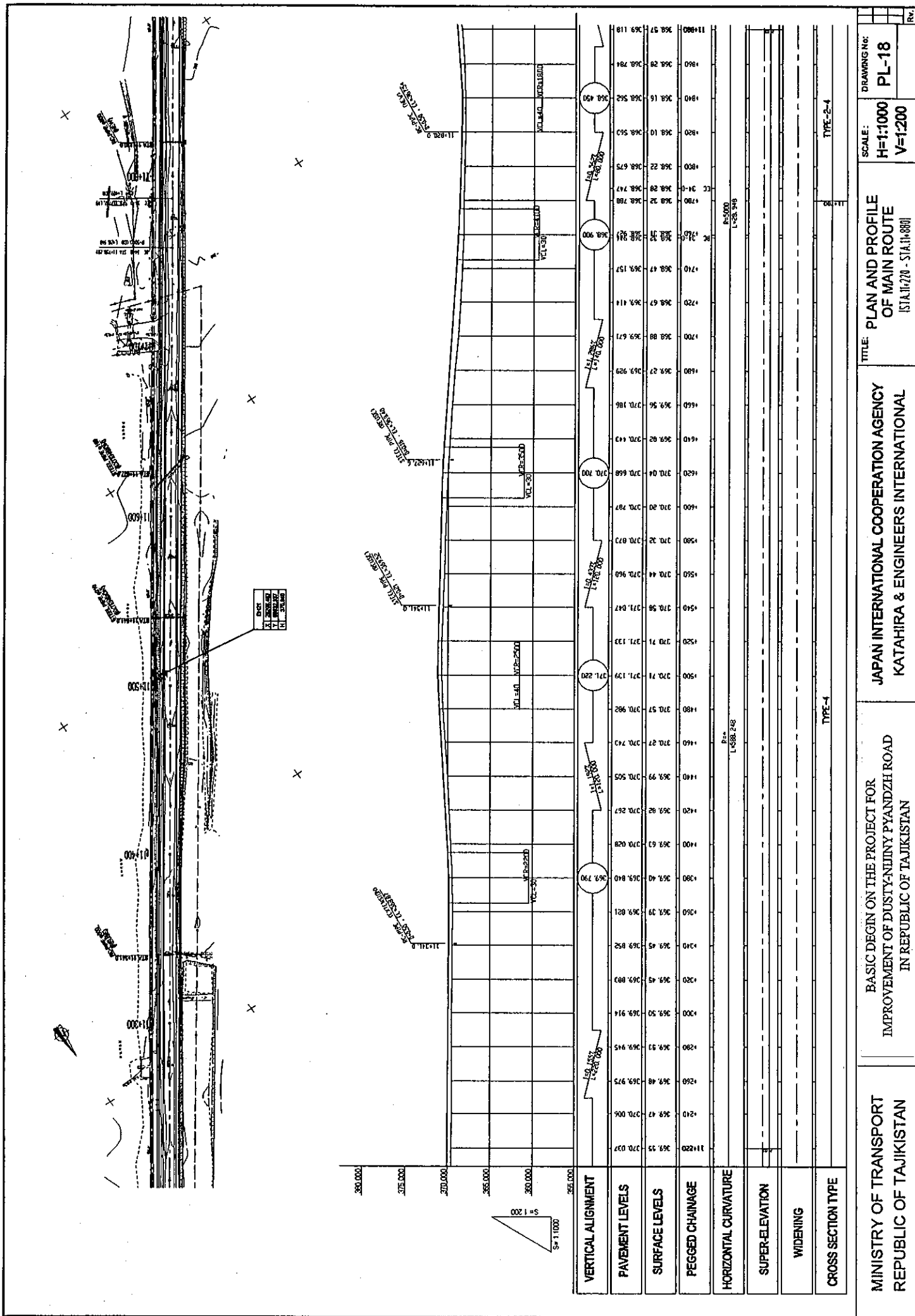
DRAWING NO: PL-16	SCALE: H=1:1000 V=1:200	TITLE: PLAN AND PROFILE OF MAIN ROUTE (STA. 9+970 - STA. 10+560)	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN

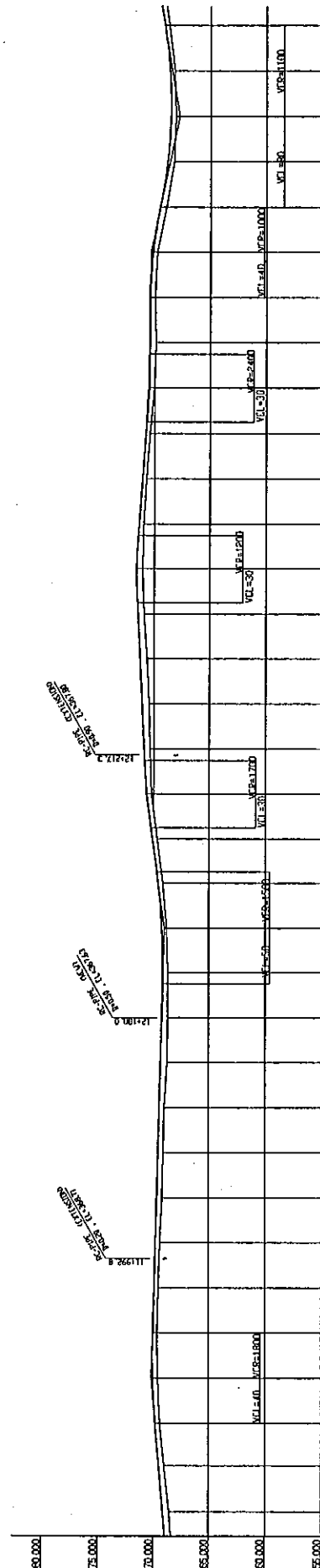
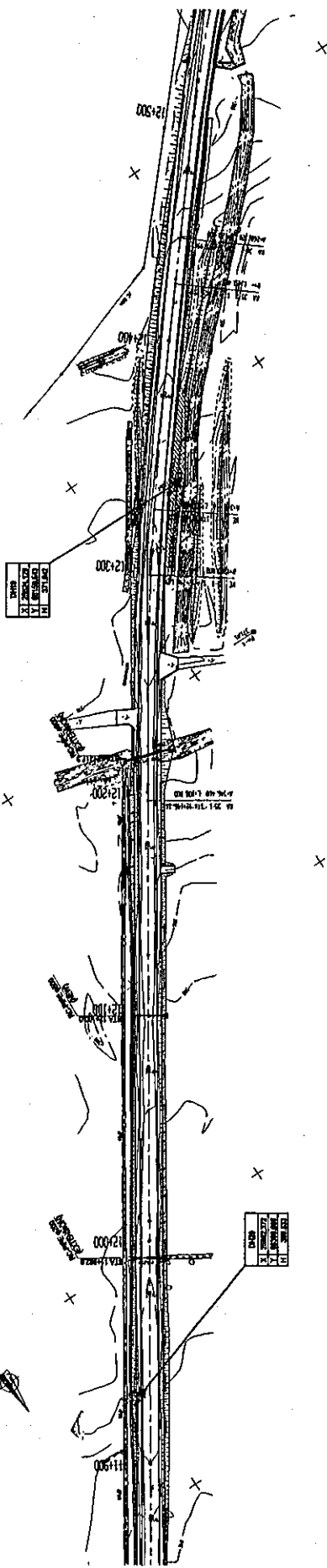
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BY	
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APP	



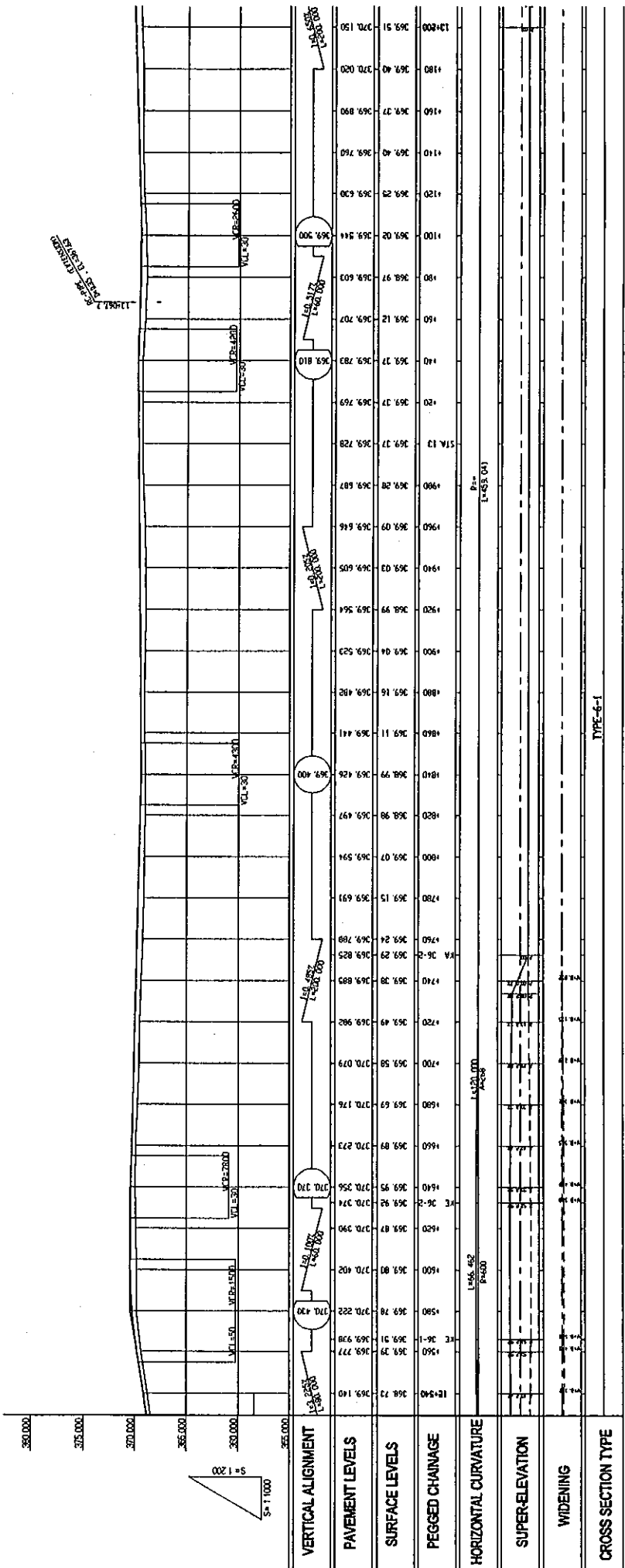
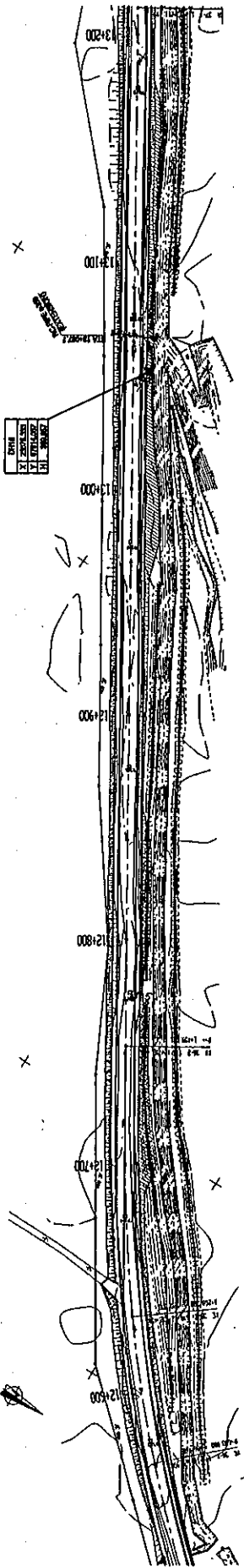
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	TITLE: PLAN AND PROFILE OF MAIN ROUTE (STA 10+500 - STA 11+270)	SCALE: H=1:1000 V=1:200	DRAWING NO: PL-17
			Rev.		





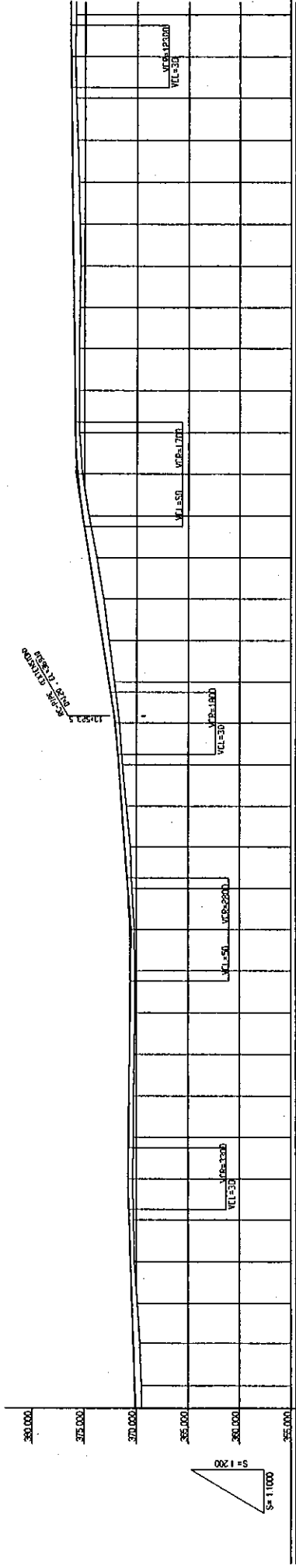
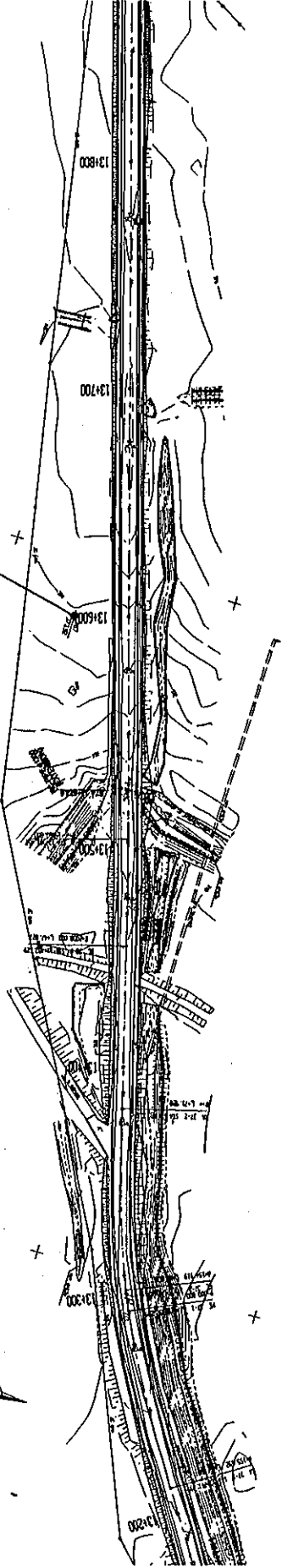
VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHANGE	HORIZONTAL CURVATURE	SUPER-ELEVATION	WIDENING	CROSS SECTION TYPE
11+880	368.37	369.118	369.118				TYPE-2-4
+900	368.98	369.452	369.452				
+920	369.35	369.788	369.788				TYPE-2-4
+940	369.60	370.000	370.000				
+960	369.53	369.896	369.896				TYPE-2-4
+980	369.76	369.326	369.326				
+1000	369.69	369.224	369.224				TYPE-2-4
+1020	369.69	369.120	369.120				
+1040	369.69	369.206	369.206				TYPE-2-4
+1060	369.16	369.559	369.559				
+1080	369.69	370.099	370.099				TYPE-2-4
+1100	370.09	370.575	370.575				
+1120	370.09	370.492	370.492				TYPE-2-4
+1140	370.43	371.044	371.044				
+1160	370.43	371.044	371.044				TYPE-2-4
+1180	370.43	371.044	371.044				
+1200	370.32	370.842	370.842				TYPE-2-4
+1220	370.72	371.075	371.075				
+1240	370.72	371.075	371.075				TYPE-2-4
+1260	370.41	370.788	370.788				
+1280	370.09	370.548	370.548				TYPE-2-4
+1300	370.09	370.548	370.548				
+1320	370.09	370.548	370.548				TYPE-2-4
+1340	370.09	370.548	370.548				
+1360	370.09	370.548	370.548				TYPE-2-4
+1380	370.09	370.548	370.548				
+1400	370.09	370.548	370.548				TYPE-2-4
+1420	370.09	370.548	370.548				
+1440	370.09	370.548	370.548				TYPE-2-4
+1460	370.09	370.548	370.548				
+1480	370.09	370.548	370.548				TYPE-2-4
+1500	370.09	370.548	370.548				
+1520	370.09	370.548	370.548				TYPE-2-4
+1540	370.09	370.548	370.548				
+1560	370.09	370.548	370.548				TYPE-2-4
+1580	370.09	370.548	370.548				
+1600	370.09	370.548	370.548				TYPE-2-4
+1620	370.09	370.548	370.548				
+1640	370.09	370.548	370.548				TYPE-2-4
+1660	370.09	370.548	370.548				
+1680	370.09	370.548	370.548				TYPE-2-4
+1700	370.09	370.548	370.548				
+1720	370.09	370.548	370.548				TYPE-2-4
+1740	370.09	370.548	370.548				
+1760	370.09	370.548	370.548				TYPE-2-4
+1780	370.09	370.548	370.548				
+1800	370.09	370.548	370.548				TYPE-2-4
+1820	370.09	370.548	370.548				
+1840	370.09	370.548	370.548				TYPE-2-4
+1860	370.09	370.548	370.548				
+1880	370.09	370.548	370.548				TYPE-2-4
+1900	370.09	370.548	370.548				
+1920	370.09	370.548	370.548				TYPE-2-4
+1940	370.09	370.548	370.548				
+1960	370.09	370.548	370.548				TYPE-2-4
+1980	370.09	370.548	370.548				
+2000	370.09	370.548	370.548				TYPE-2-4
+2020	370.09	370.548	370.548				
+2040	370.09	370.548	370.548				TYPE-2-4
+2060	370.09	370.548	370.548				
+2080	370.09	370.548	370.548				TYPE-2-4
+2100	370.09	370.548	370.548				
+2120	370.09	370.548	370.548				TYPE-2-4
+2140	370.09	370.548	370.548				
+2160	370.09	370.548	370.548				TYPE-2-4
+2180	370.09	370.548	370.548				
+2200	370.09	370.548	370.548				TYPE-2-4
+2220	370.09	370.548	370.548				
+2240	370.09	370.548	370.548				TYPE-2-4
+2260	370.09	370.548	370.548				
+2280	370.09	370.548	370.548				TYPE-2-4
+2300	370.09	370.548	370.548				

DRAWING No: **PL-19**
 SCALE: **H=1:1000**
V=1:200
 TITLE: **PLAN AND PROFILE OF MAIN ROUTE**
(STA. 11+880 - STA. 12+540)
JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL
BASIC DESIGN ON THE PROJECT FOR
IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD
IN REPUBLIC OF TAJIKISTAN
MINISTRY OF TRANSPORT
REPUBLIC OF TAJIKISTAN



DRAWING NO:	PL-20
	SCALE: H=1:1000 V=1:200
TITLE:	PLAN AND PROFILE OF MAIN ROUTE (STA 12+500 - STA 13+200)
JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	
BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN	
MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN	

DATE	
BY	
CHECKED BY	
APPROVED BY	
SCALE	



VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHAINAGE	HORIZONTAL CURVATURE	SUPER-ELEVATION	WIDENING	CROSS SECTION TYPE
13+800	375.95	376.397	13+800				
13+840	375.96	376.381	13+840				
13+880	375.90	376.374	13+880				
13+920	375.76	376.278	13+920				
13+960	375.60	376.222	13+960				
14+000	375.52	376.166	14+000				
14+040	375.42	376.110	14+040				
14+080	375.49	376.054	14+080				
14+120	375.54	375.998	14+120				
14+160	375.56	375.942	14+160				
14+200	375.52	375.879	14+200				
14+240	375.23	375.648	14+240				
14+280	374.58	375.184	14+280				
14+320	372.84	374.551	14+320				
14+360	372.14	373.913	14+360				
14+400	372.60	372.277	14+400				
14+440	372.10	372.638	14+440				
14+480	371.63	372.063	14+480				
14+520	371.33	371.928	14+520				
14+560	370.93	371.396	14+560				
14+600	370.57	371.094	14+600				
14+640	370.33	370.998	14+640				
14+680	370.43	370.796	14+680				
14+720	370.19	370.601	14+720				
14+760	370.13	370.346	14+760				
14+800	370.14	370.523	14+800				
14+840	370.16	370.645	14+840				
14+880	370.28	370.697	14+880				
14+920	370.30	370.748	14+920				
14+960	370.38	370.766	14+960				
15+000	370.30	370.742	15+000				
15+040	370.28	370.670	15+040				
15+080	370.17	370.540	15+080				
15+120	369.89	370.410	15+120				
15+160	369.66	370.280	15+160				
15+200	369.59	370.229	15+200				
15+240	369.51	370.150	15+240				

**MINISTRY OF TRANSPORT
REPUBLIC OF TAJIKISTAN**

**BASIC DESIGN ON THE PROJECT FOR
IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD
IN REPUBLIC OF TAJIKISTAN**

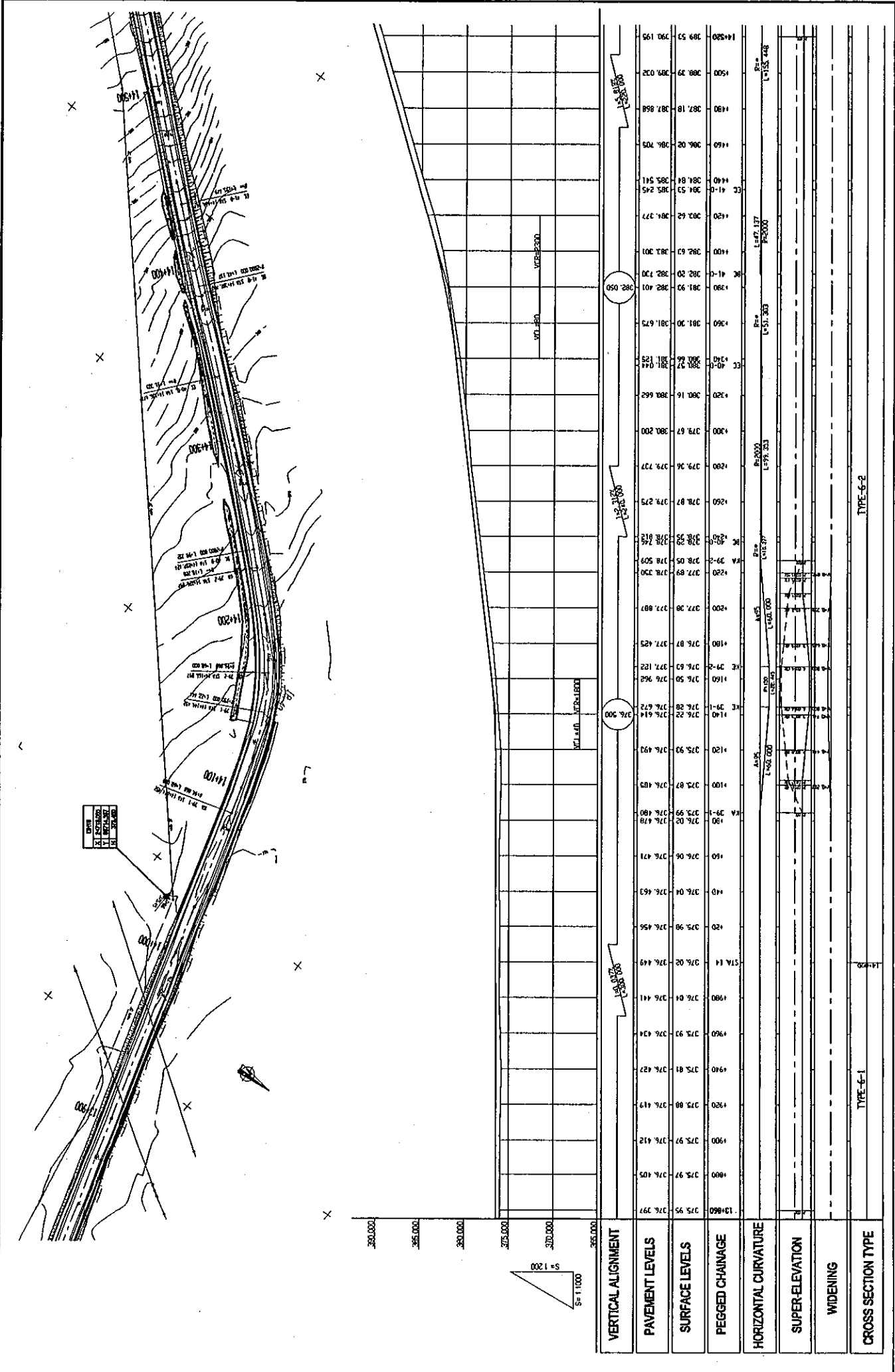
**JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL**

**TITLE: PLAN AND PROFILE
OF MAIN ROUTE
(STA.13+000 - STA.13+800)**

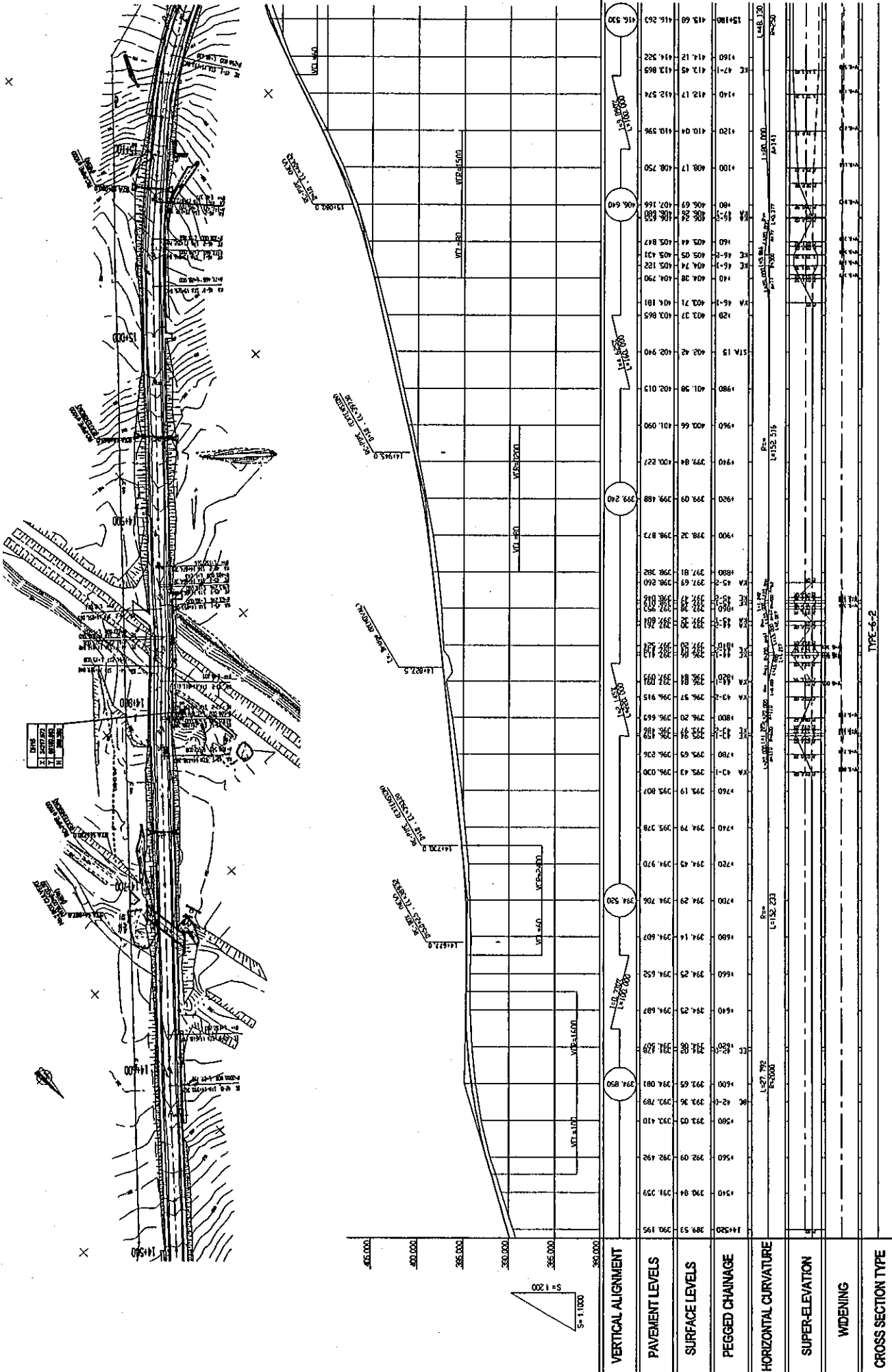
**SCALE: H=1:1000
V=1:200**

DRAWING NO: PL-21

Rev. _____



DRAWING NO:	PL-22
	SCALE: H=1:1000 V=1:200
TITLE:	PLAN AND PROFILE OF MAIN ROUTE
	(STA 13+00 - STA 14+50)
PROJECT:	JAPAN INTERNATIONAL COOPERATION AGENCY
	KATAHIRA & ENGINEERS INTERNATIONAL
PROJECT LOCATION:	BASIC DESIGN ON THE PROJECT FOR
	IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN
CLIENT:	MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN
CROSS SECTION TYPE:	TYPE-6-1
VERTICAL ALIGNMENT:	TYPE-6-2



DRAWING NO: PL-23

SCALE: H=1:1000 V=1:200

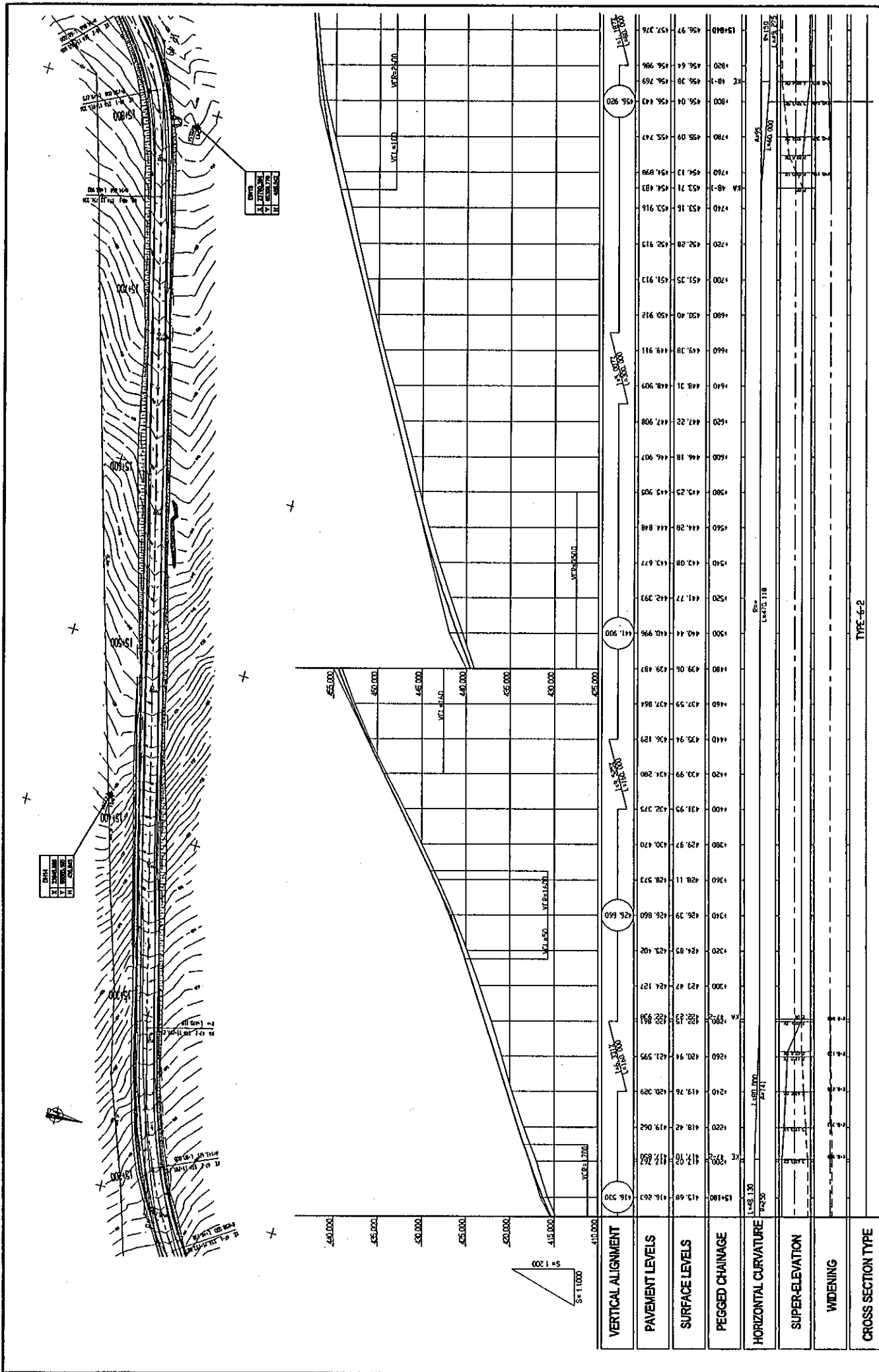
TITLE: PLAN AND PROFILE OF MAIN ROUTE (STA 14+50 - STA 15+100)

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

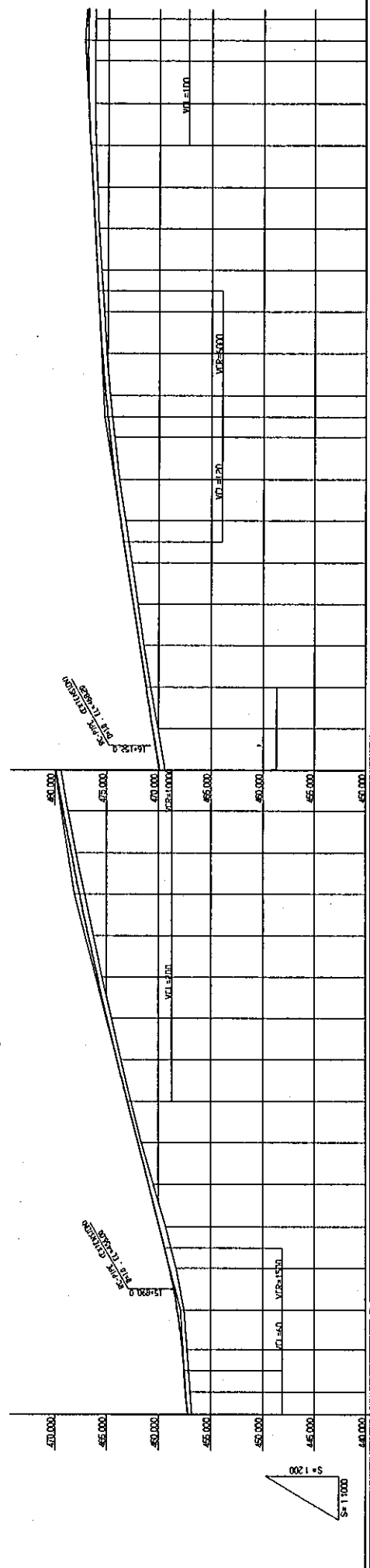
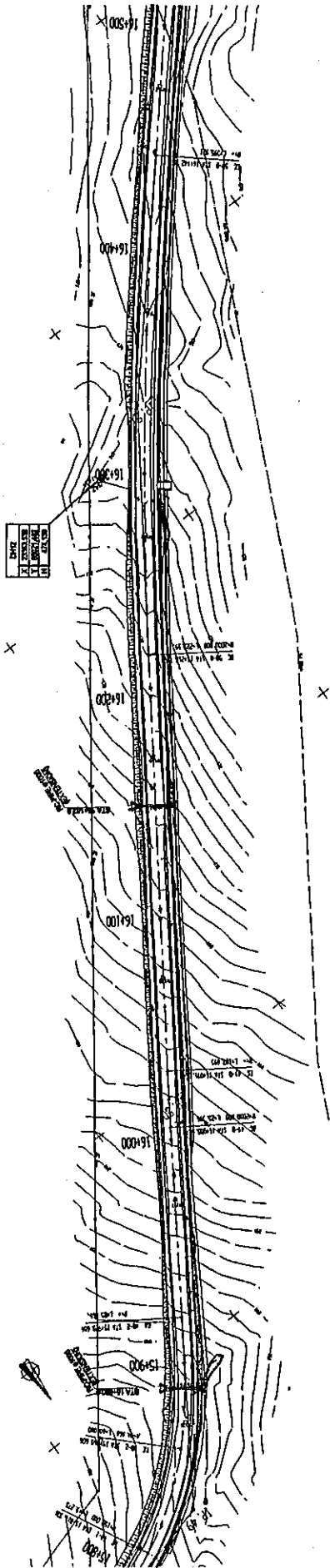
BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NINJY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN

MINISTRY OF TRANSPORT
REPUBLIC OF TAJIKISTAN

VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHANGE	HORIZONTAL CURVATURE	SUPER-ELEVATION	WIDENING	CROSS SECTION TYPE
	14+50 390.195	394.081	394.579				
	14+55 390.410	393.789	394.081				
	14+60 390.625	393.497	393.585				
	14+65 390.840	393.205	393.293				
	14+70 391.055	392.913	393.001				
	14+75 391.270	392.621	392.709				
	14+80 391.485	392.329	392.417				
	14+85 391.700	392.037	392.125				
	14+90 391.915	391.745	391.833				
	14+95 392.130	391.453	391.541				
	15+00 392.345	391.161	391.249				
	15+05 392.560	390.869	390.957				
	15+10 392.775	390.577	390.665				
	15+15 392.990	390.285	390.373				
	15+20 393.205	389.993	390.081				
	15+25 393.420	389.701	389.789				
	15+30 393.635	389.409	389.497				
	15+35 393.850	389.117	389.205				
	15+40 394.065	388.825	388.913				
	15+45 394.280	388.533	388.621				
	15+50 394.495	388.241	388.329				
	15+55 394.710	387.949	388.037				
	15+60 394.925	387.657	387.745				
	15+65 395.140	387.365	387.453				
	15+70 395.355	387.073	387.161				
	15+75 395.570	386.781	386.869				
	15+80 395.785	386.489	386.577				
	15+85 396.000	386.197	386.285				
	15+90 396.215	385.905	386.033				
	15+95 396.430	385.613	385.741				
	16+00 396.645	385.321	385.449				
	16+05 396.860	385.029	385.157				
	16+10 397.075	384.737	384.865				
	16+15 397.290	384.445	384.573				
	16+20 397.505	384.153	384.281				
	16+25 397.720	383.861	383.989				
	16+30 397.935	383.569	383.697				
	16+35 398.150	383.277	383.405				
	16+40 398.365	382.985	383.113				
	16+45 398.580	382.693	382.821				
	16+50 398.795	382.401	382.529				
	16+55 399.010	382.109	382.237				
	16+60 399.225	381.817	381.945				
	16+65 399.440	381.525	381.653				
	16+70 399.655	381.233	381.361				
	16+75 399.870	380.941	381.069				
	16+80 400.085	380.649	380.777				
	16+85 400.300	380.357	380.485				
	16+90 400.515	380.065	380.193				
	16+95 400.730	379.773	379.901				
	17+00 400.945	379.481	379.609				
	17+05 401.160	379.189	379.317				
	17+10 401.375	378.897	379.025				
	17+15 401.590	378.605	378.733				
	17+20 401.805	378.313	378.441				
	17+25 402.020	378.021	378.149				
	17+30 402.235	377.729	377.857				
	17+35 402.450	377.437	377.565				
	17+40 402.665	377.145	377.273				
	17+45 402.880	376.853	376.981				
	17+50 403.095	376.561	376.689				
	17+55 403.310	376.269	376.397				
	17+60 403.525	375.977	376.105				
	17+65 403.740	375.685	375.813				
	17+70 403.955	375.393	375.521				
	17+75 404.170	375.101	375.229				
	17+80 404.385	374.809	374.937				
	17+85 404.600	374.517	374.645				
	17+90 404.815	374.225	374.353				
	17+95 405.030	373.933	374.061				
	18+00 405.245	373.641	373.769				
	18+05 405.460	373.349	373.477				
	18+10 405.675	373.057	373.185				
	18+15 405.890	372.765	372.893				
	18+20 406.105	372.473	372.601				
	18+25 406.320	372.181	372.309				
	18+30 406.535	371.889	372.017				
	18+35 406.750	371.597	371.725				
	18+40 406.965	371.305	371.433				
	18+45 407.180	371.013	371.141				
	18+50 407.395	370.721	370.849				
	18+55 407.610	370.429	370.557				
	18+60 407.825	370.137	370.265				
	18+65 408.040	369.845	369.973				
	18+70 408.255	369.553	369.681				
	18+75 408.470	369.261	369.389				
	18+80 408.685	368.969	369.097				
	18+85 408.900	368.677	368.805				
	18+90 409.115	368.385	368.513				
	18+95 409.330	368.093	368.221				
	19+00 409.545	367.801	367.929				
	19+05 409.760	367.509	367.637				
	19+10 409.975	367.217	367.345				
	19+15 410.190	366.925	367.053				
	19+20 410.405	366.633	366.761				
	19+25 410.620	366.341	366.469				
	19+30 410.835	366.049	366.177				
	19+35 411.050	365.757	365.885				
	19+40 411.265	365.465	365.593				
	19+45 411.480	365.173	365.301				
	19+50 411.695	364.881	365.009				
	19+55 411.910	364.589	364.717				
	19+60 412.125	364.297	364.425				
	19+65 412.340	364.005	364.133				
	19+70 412.555	363.713	363.841				
	19+75 412.770	363.421	363.549				
	19+80 412.985	363.129	363.257				
	19+85 413.200	362.837	362.965				
	19+90 413.415	362.545	362.673				
	19+95 413.630	362.253	362.381				
	20+00 413.845	361.961	362.089				



DRAWING No: PL-24
 SCALE: H=1:1000 V=1:200
 TITLE: PLAN AND PROFILE OF MAIN ROUTE (STA 5+00 - STA 15+00)
 JAPAN INTERNATIONAL COOPERATION AGENCY
 KATAHIRA & ENGINEERS INTERNATIONAL
 BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NIINY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN
 MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN
 TYPE-6-2



VERTICAL ALIGNMENT	PAVEMENT LEVELS	SURFACE LEVELS	PEGGED CHAINAGE	HORIZONTAL CURVATURE	SUPER-ELEVATION	WIDENING	CROSS SECTION TYPE
15+000	456.97	457.37	456.97				
15+100	457.55	457.95	457.55				
15+200	458.13	458.53	458.13				
15+300	458.71	459.11	458.71				
15+400	459.29	459.69	459.29				
15+500	459.87	460.27	459.87				
15+600	460.45	460.85	460.45				
15+700	461.03	461.43	461.03				
15+800	461.61	462.01	461.61				
15+900	462.19	462.59	462.19				
16+000	462.77	463.17	462.77				
16+100	463.35	463.75	463.35				
16+200	463.93	464.33	463.93				
16+300	464.51	464.91	464.51				
16+400	465.09	465.49	465.09				
16+500	465.67	466.07	465.67				

MINISTRY OF TRANSPORT
REPUBLIC OF TAJIKISTAN

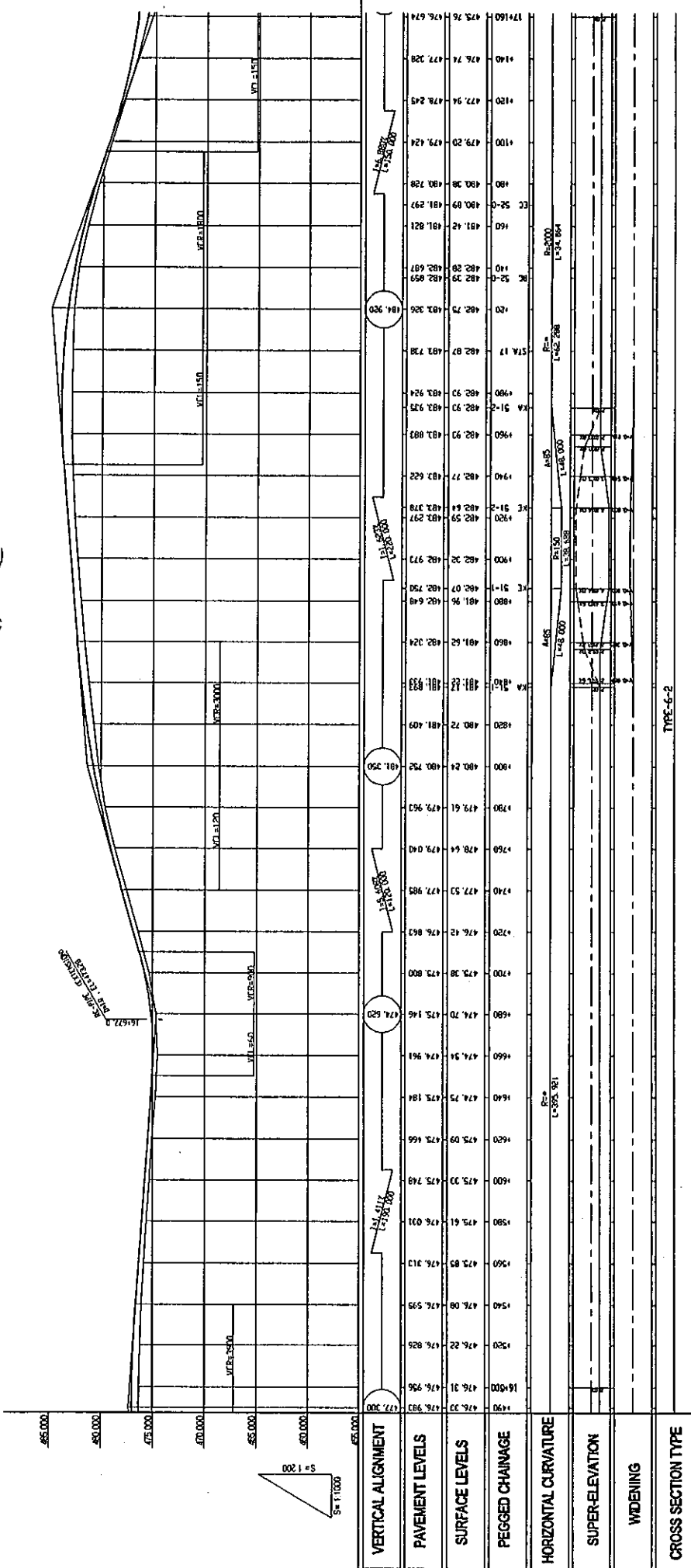
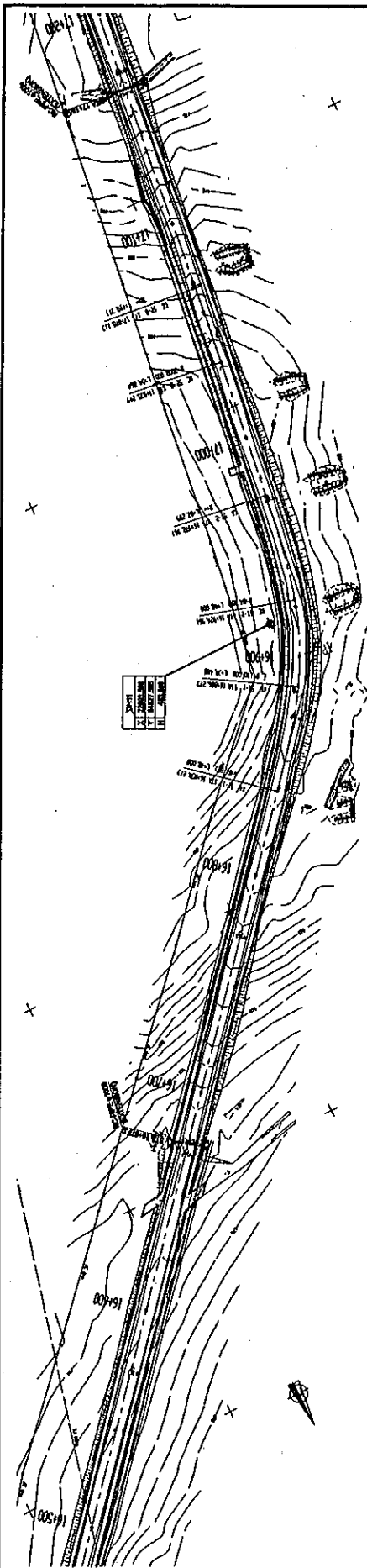
BASIC DESIGN ON THE PROJECT FOR
 IMPROVEMENT OF DUSTY-NUJNY PYANDZH ROAD
 IN REPUBLIC OF TAJIKISTAN

JAPAN INTERNATIONAL COOPERATION AGENCY
KATAHIRA & ENGINEERS INTERNATIONAL

PLAN AND PROFILE
OF MAIN ROUTE
 (STA. 5+840 - STA. 6+500)

DRAWING NO: **PL-25**
 SCALE: **H=1:1000**
V=1:200

TYPE: 5-2
 REV.



DRAWING NO: PL-26	SCALE:	H=1:1000	V=1:200
	TITLE:	PLAN AND PROFILE OF MAIN ROUTE (STA 16+500 - STA 17+600)	
JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	BASIC DESIGN ON THE PROJECT FOR IMPROVEMENT OF DUSTY-NINNY PYANDZH ROAD IN REPUBLIC OF TAJIKISTAN		
	MINISTRY OF TRANSPORT REPUBLIC OF TAJIKISTAN		