









Category	2020 year		2030 year	Cost	
	Parcel Num.(million)	Ratio	Parcel Num.(million)	Ratio	(million dollars)
Change Numerical Map	300(6,000)	8 %	400(8,000)	11 %	N/A
Non-coincidence Resurvey	282(3,100)	7 %	550(6,130)	15 %	509.3
National Land Resolution	188(9,000)	5 %	564(25,000)	15 %	(378.7)
Coordinate Transformation	1,111(31,900)	30 %	2,295(61,907)	59 %	25.5
Total	1,881(50,000)	50 %	3,761(100,037)	100 %	8,021(913)



















					- DTU	-	
Analysis of boundary pts.	Boundary	Publishe	ed value	Networ	K-RIK	Er	ror
	1	A 547677.67	T 157002 //7	A 547677 701	T 57002.455	0.031	
	2	547668.89	157012.47	547668.93	157012.433	0.040	-
Observation interval	3	547662.40	157025.98	547662.374	157026.041	-0.026	1
	4	547655.26	157038.78	547655.286	157038.836	0.026	\mathbf{T}
	-						1
 X-axi "A Study of Applicati Efficiency 1~2 S 	on Metl	hod wit	th Late	est Tech	nology	in	
 X-axi "A Study of Applicati Efficiency 1~2 S No need 3nd order control pts. 	on Metl	nod wit	th Late	547630.167	156983.049	in 0.017	
 X-axi "A Study of Applicati Efficiency 1~2 S No need 3nd order control pts. 	on Metl	547630.15	th Late 156783.08 156978.29	547630.167 547634.931	1569783.049 156978.25	0.017 -0.019	
 X-axi "A Study of Applicati Efficienc," 1~2 S No need 3nd order control pts. 	on Met	547630.15 547634.95 547657.89	1569783.08 156978.29 156974.01	547630.167 547634.931 547657.903	156783.049 156978.25 156973.992	0.017 -0.019 0.013	
 X-axi "A Study of Applicati Efficiency 1~2 S No need 3nd order control pts. 	0n Metl	547630.15 547634.95 547657.89 547672.45 547672.45	1569783.08 156978.29 156974.01 156970.12	547630.167 547634.931 547657.903 547672.478	150783.049 156978.25 156973.992 156970.114	0.017 -0.019 0.013 0.028	
 X-axi Efficienc: 1~2 S No need 3nd order control pts. 	0n Metl	547630.15 547634.95 547657.89 547672.45 547672.45 547676.1	150783.08 156978.29 156974.01 156970.12 156966.7	547630.167 547634.931 547657.903 547672.478 547676.023	150783.049 156978.25 156973.992 156970.114 156966.679 156950.96	0.017 -0.019 0.013 0.028 -0.077 -0.005	
 X-axi Efficienc: 1~2 S No need 3nd order control pts. 	on Metl	547630.15 547634.95 547657.89 547672.45 547672.45 547670.4 547690.94 547687.12	150783.08 156978.29 156974.01 156970.12 156966.7 156950.92	547630.167 547634.931 547657.903 547672.478 547676.023 547670.935 547687.09	150783.049 156978.25 156973.992 156970.114 156966.679 156950.96	0.017 -0.019 0.013 0.028 -0.077 -0.005 -0.03	
 X-axi Efficiency 1~2 S No need 3nd order control pts. Within the tolerance Save time and manpower No additional works	on Met 14 15 16 17 18 19 20 21	547630.15 547634.95 547657.89 547672.45 547676.1 547690.94 547687.12 547687.12 547682.68	150763.08 156978.29 156974.01 156970.12 156960.7 156950.92 156964.76 156978.71	547630.167 547634.931 547657.903 547672.478 547676.023 547690.935 547687.09 547682.695	150783.049 156978.25 156973.992 156970.114 156966.679 156950.96 156964.78 156964.78	0.017 -0.019 0.013 0.028 -0.077 -0.005 -0.03 0.015	
 X-axi Efficienc: 1~2 S No need 3nd order control pts. Within the tolerance Save time and manpower No additional works	on Metl 14 15 16 17 18 19 20	547630.15 547630.15 547634.95 547657.89 547672.45 547670.94 547690.94 547687.12 547682.68	150783.08 156978.29 156978.29 156974.01 156970.12 156966.7 156950.92 156964.76 156978.71	547630.167 547634.931 547657.903 54767.903 547676.023 547690.935 547687.09 547687.09 547687.09 547682.695 Averag	150763.049 156978.25 156970.114 156966.679 156950.96 156950.96 156950.78 156978.703 e Error	0.017 -0.019 0.013 0.028 -0.077 -0.005 -0.03 0.015 0.004	



