Q Midas Gen 執行側推 Pushover 分析後,如何輸出性能點 (Performance Point)的各樓層層間剪力數據?



(1)由 Pushover Curve 功能視窗左下方 Additional Pushover Step for Story Drift 可確認 Load Case 有 "PushX(PP)"的 Step 可供查看相 關輸出結果。

lover Lodu Case	Pushx	Υ.						
Plot Type	5			Capacity	y Spectrum vs.	Demand Spectrum		
Capacity Curve (MDO	r) Vicela comont		0.45					
Shear Coefficient	tys Displacement		0.45-	Additional Pusho	over Step			
Shear Coefficient	t vs. Drift		0.4-	Load Case Pus	зhХ			
O Load Factor vs D	isplacement			rus rus	2175			
Additional Curve	es at Other Nodes		0.35-	Define Additional St	tep	0		
0 0	0 0		Sa)		lement	o cm		
Capacity Spectrum (S	DOF)		s)uo	O Resultant Base S	bhear	0 kgf		
For Performance	Point			O User Input			- X-	
FEMA440 ~ Procedure-A ~			ccel	Calculate Reference Step and Distance Ratio				
O For Target Displacement			<u>₹</u> 0.2-	Additional Step Data				
EC8/OPCM		ectr.	Reference	Step	Distance Ratio			
			ds 0.10		12	0.433007		
Demand Spectrum			0.1		13	0.433337		
Define Design Spectrum				Load Case	Reference Ste	p Distance Ratio		
Demand Spectra at	Damping Ratios (%)		0.05-	PushX(PP)	13	0.433997		
5 10	15	20	0	PushX(MD)_3	5	0.2796		
			ò	-			24 26 2	
Constant Period Line	es at Periods (sec)							
0.5 1	1.5	2		Add	Madify	Doloto		
			Description for Fr	Add	Modily	Delete		
Damping & Period Parameters					OK	Close	-	
Model	Bilinear Hysteret	ic 🗸	Show Ultimat				_	
			Performance Poir	nt		Graph Display	Option	
			Load Pattern: Static Load			Black	○ White	
			Sten		18		0.1111	
renefermation Easter (alpha1, DE1) Calculation			Step	6.227e+05, 10.91		Chang	Change Graph Title	
			V,D			Change		
Based on 2D Behavior			Sa,Sd	0.4208, 9.394		andrige	enange ordprinkinge	
Based on 3D Behavior			Teff Deff	0.9481, 14.09		Save Wi	Save Window As *.bmp	

(2) 由 Pushover > Pushover Results > Pushover Story Graph 功能,選 擇查看對應側推分析載重的 Story Shear/Drift/Drift Ratio 等結 果,圖形輸出後,可按右鍵功能另輸出為 Graph/Text 或 Excel 格式檔案。

## midas Gen

## 後處理

