Table 1. Summary of Deliverables

ID	Deliverable	Total	MVP
		Effort	Delivery
Sim 1.1	Sim. realistic catalogs of SNe Ia and non-SNe Ia data for Infrastructure Dev.	3.46	'24
Sim 1.2	Simulate Pixel images to test Photometry/Calibration	2.90	'24
Sim 1.3	Simulate 3D datacubes and 2D spectra to test Spectral Extraction	1.95	'25
Sim 1.4	Aid the community in optimizing the design of the HLTDS via catalog sims.	0.79	'24
Cal 2.1	Characterize and mitigate detector effects to levels of 0.3% over 11 mags	4.84	S:'25;D:'27
Cal 2.2	Characterize passband throughputs and their field Dependence to 1 Å	5.80	S:'25;D:'27
Cal 2.3	Constrain prism spectral response across observing field to 0.2% per $5000~\text{Å}$	2.41	S:'25;D:'27
Cal 2.4	Propagate calibrated spectrophotometry of primary standards to 1 mmag	1.53	'27
Cal 2.5	Develop an error covariance matrix	0.25	'27
Phot 3.1	Build a general-use, rapid transient discovery pipeline	9.07	225
Phot 3.2	Develop, test, and validate a scene-modeling pipeline with < 2 mmag bias	3.46	'25
Phot 3.3	Measure host galaxy photometry and physical properties	0.25	'27
Spec 4.1	Remove self-contamination from the host galaxy by linear reconstruction	4.50	'25
Spec 4.2	Subtract local background	1.05	'25
Spec 4.3	Extract and model the one-dimensional transient spectra	1.10	'26
Spec 4.4	Physically model the host galaxy	1.48	'27
Spec 4.5	Analyze observed data and validate simulations/algorithms	2.15	'26
Char 5.1	Create infrastructure for classification of SN light curves (and other transients)	1.52	'24
Char 5.2	Create infrastructure to evaluate SN type and features from prism spectra	1.58	'26
Char 5.3	Improve codes for training of SN Ia SED models	1.33	'25
OS 6.1	Design tools for Community Input on Observing Strategy	0.70	'24
OS 6.2	Build Observing Strategy Quick Assessment Capabilities	2.95	'24
Cos 7.1	Enhance cosmology pipeline Pippin for rapid Roman forecasting	2.28	'24
$\cos 7.2$	Recover input cosmology from catalog-level simulations	0.70	'25
$\cos 7.3$	Recover input cosmology from image-level simulations	1.10	'26
$\cos 7.4$	Recover input cosmology from prism-level simulations	1.00	'26
Cat 8.1	Create a database to organize transient event data products	2.02	'25
Cat 8.2	Run Public-Facing Web Interface to Transient Data	1.39	'28
Cat 8.3	Setup & run Transient Alerts	1.75	'28
Cat 8.4	Release Value-Added Catalogs	0.25	'28
Support 9.1	Workshops	-	'23-28
Support 9.2	Data Challenges	-	'23-28

Note—MVP—minimum viable product, S—with simulations, D–using data. The MVP, which we consider a first tool useful enough to be shared with community, will be aligned with paper submissions. We calculate $\sim 80\%$ of these deliverables will lead to papers, either in astronomy-focused or instrumentation-focused journals.

Ethics Board: The Ethics Board will act as the ombuds-system for the PIT, and include individuals at different career levels. The Board will create and enforce the code of conduct and assess the climate of the collaboration.

Section Leads: Each set of deliverables will have one or two section leads responsible for managing a subset of the PIT's effort and working with Pipeline Scientists to ensure the PIT creates a functional analysis system. We will encourage early career (non-permanent position) scientists to participate in this role. Section leads are a good pathway to develop the knowledge and skills needed for other PIT roles, such as an Executive Board member or