Appendix C - Service Development Program Standard Budget and Schedule Form

- General Information (1 sheet)
- Detailed Capital Cost Budget (2 sheets)
- Annual Capital Cost Budget (1 sheet)

General Information

Below, please indicate the Service Development Program name. The Service Development Program name must be identical to the name listed in the Application Form.

1. Please enter the requested data into the yellow cells.
This information will auto-populate other areas of the form.

Service Development Program Name *(same as on Application Form)*	Hoosier State Passenger Service

Application Assumptions

1. Please use this section to capture two separate sets of assumptions that will affect the costs shown in subsequent sheets. The contingency rate is the allowance for uncertainties in projected costs. The Annual Inflation Rate will be used to convert between 2012 constant dollars and Year of Expenditure dollars. Enter the assumed annual inflation rate for each category for each year, with the exception of 2012. Inflation rates for 2012 are not used in Year of Expenditure calculations in other sections of this form.

Cost Categories*	Contingency Rate Assumption (%)	Annual Inflation Rate Assumptions by Year (%)									
		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Categories for Detailed Capital Cost Budget											
10 Track Structures and Track	33.0%		3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
20 Stations, Terminals, Intermodal	33.0%		3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
30 Support Facilities: Yards, Shops, Admin. Bldgs	33.0%		3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
40 Sitework, Right of Way, Land, Existing Improvements & Special Conditions	33.0%		3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
50 Communications & Signaling	33.0%		3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
60 Electric Traction	33.0%		3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
70 Vehicles	33.0%		3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
80 Professional Services (applies to Cats. 10-60)	33.0%		3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
90 Unallocated Contingency	0.0%										
100 Finance Charges											
Category for Operating, Financial, and Sustainability Information		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Operating, Financial, Sustainability Information– All-Purpose Inflation Rates											

*** See the "Capital Cost Info." tab for definitions and explanations of the Standard Capital Cost (SCC) Categories.**

**** For 2020 Operating, Financial, and Sustainability Inflation Assumptions, enter a single annual inflation rate for 2020 that will be used for 2020 and all subsequent years.**

If not using the FRA formulas, please describe your methodology in the space provided below as well as listing any supporting documentation.

		Unit	Quantity	Unit Cost (Thousands of Base Yr/FY12 Dollars)	Non-Unit Based Costs	Total Allocated Cost (Thousands of Base Yr FY12 Dollars)	Allocated Contingency (Thousands of Base Yr/FY12 Dollars)	TOTAL COST (Thousands of Base Yr/FY 12 Dollars)	Explanation Provided? (If so use *)
10 TRACK STRUCTURES & TRACK						$ [illegible]	$ [illegible]	$ [illegible]	
10.01	Track structure: Viaduct	Miles	0.00			$ -	$ -	$ -	
10.02	Track structure: Major/Movable bridge					$ -	$ -	$ -	
10.03	Track structure: Undergrade Bridges	#	28	$ 600		$ 16,800	$ 5,544	$ 22,344	
10.04	Track structure: Culverts and drainage structures	#	5	$ 600		$ 3,000	$ 990	$ 3,990	
10.05	Track structure: Cut and Fill (> 4' height/depth)	Miles				$ -	$ -	$ -	
10.06	Track structure: At-grade (grading and subgrade stabilization)	Miles	14	$ 521		$ 7,294	$ 2,407	$ 9,701	
10.07	Track structure: Tunnel					$ -	$ -	$ -	
10.08	Track structure: Retaining walls and systems	Miles				$ -	$ -	$ -	
10.09	Track new construction: Conventional ballasted	Miles	14	$ 1,393		$ 19,502	$ 6,436	$ 25,938	
10.10	Track new construction: Non-ballasted					$ -	$ -	$ -	
10.11	Track rehabilitation: Ballast and surfacing	Miles	100	$ 169		$ 16,870	$ 5,567	$ 22,437	
10.12	Track rehabilitation: Ditching and drainage					$ -	$ -	$ -	
10.13	Track rehabilitation: Component replacement (rail, ties, etc)	Miles	50	$ 202		$ 10,094	$ 3,331	$ 13,425	
10.14	Track: Special track work (switches, turnouts, insulated joints)	#	22	$ 658		$ 14,476	$ 4,777	$ 19,253	
10.15	Track: Major interlockings					$ -	$ -	$ -	
10.16	Track: Switch heaters (with power and control)					$ -	$ -	$ -	
10.17	Track: Vibration and noise dampening					$ -	$ -	$ -	
10.18	Other linear structures including fencing, sound walls	Miles	0.00			$ -	$ -	$ -	
20 STATIONS, TERMINALS, INTERMODAL						$ [illegible]	$ [illegible]	$ [illegible]	
20.01	Station buildings: Intercity passenger rail only	#	0.00			$ -	$ -	$ -	
20.02	Station buildings: Joint use (commuter rail, intercity bus)	#	0.00			$ -	$ -	$ -	
20.03	Platforms	#	1.00	$ 491		$ 491	$ 162	$ 653	
20.04	Elevators, escalators	#	0.00			$ -	$ -	$ -	
20.05	Joint commercial development	#	0.00			$ -	$ -	$ -	
20.06	Pedestrian / bike access and accommodation, landscaping, parking lots	#	1.00	$ 1,061		$ 1,061	$ 350	$ 1,411	
20.07	Automobile, bus, van accessways including roads	#	0.00			$ -	$ -	$ -	
20.08	Fare collection systems and equipment	#	0.00			$ -	$ -	$ -	
20.09	Station security	#	0.00			$ -	$ -	$ -	
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS						$ -	$ -	$ -	
30.01	Administration building: Office, sales, storage, revenue counting					$ -	$ -	$ -	
30.02	Light maintenance facility					$ -	$ -	$ -	
30.03	Heavy maintenance facility					$ -	$ -	$ -	
30.04	Storage or maintenance-of-way building/bases					$ -	$ -	$ -	
30.05	Yard and yard track					$ -	$ -	$ -	
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS						$ -	$ -	$ -	
40.01	Demolition, clearing, site preparation					$ -	$ -	$ -	
40.02	Site utilities, utility relocation					$ -	$ -	$ -	
40.03	Hazardous material, contaminated soil removal/mitigation, ground water treatments					$ -	$ -	$ -	
40.04	Environmental mitigation: wetlands, historic/archeology, parks					$ -	$ -	$ -	
40.05	Site structures including retaining walls, sound walls					$ -	$ -	$ -	
40.06	Temporary facilities and other indirect costs during construction					$ -	$ -	$ -	
40.07	Purchase or lease of real estate					$ -	$ -	$ -	
40.08	Highway/pedestrian overpass/grade separations					$ -	$ -	$ -	
40.09	Relocation of existing households and businesses					$ -	$ -	$ -	

		Unit	Quantity	Unit Cost (Thousands of Base Yr/FY12 Dollars)	Non-Unit Based Costs	Total Allocated Cost (Thousands of Base Yr FY12 Dollars)	Allocated Contingency (Thousands of Base Yr/ FY 12 Dollars)	TOTAL COST (Thousands of Base Yr/FY 12 Dollars)	Explanation Provided? (If so use ")
50 COMMUNICATIONS & SIGNALING						$ 29,986	$ 9,720	$ 39,706	
50.01	Wayside signaling equipment					$ -	$ -	$ -	
50.02	Signal power access and distribution	Miles	14	$ 554		$ 7,756	$ 2,559	$ 10,315	
50.03	On-board signaling equipment					$ -	$ -	$ -	
50.04	Traffic control and dispatching systems					$ -	$ -	$ -	
50.05	Communications					$ -	$ -	$ -	
50.06	Grade crossing protection (extend detection zone)	#	130	$ 120		$ 15,600	$ 5,148	$ 20,748	
50.06	Grade crossing protection (active warning devices)	#	25	$ 250		$ 6,250	$ 2,063	$ 8,313	
50.07	Hazard detectors (dragging equipment, , slide, etc.)					$ -	$ -	$ -	
50.08	Station train approach warning system					$ -	$ -	$ -	
60 ELECTRIC TRACTION						$	$	$	
60.01	Traction power transmission: High voltage					$ -	$ -	$ -	
60.02	Traction power supply: Substations	#	0.00			$ -	$ -	$ -	
60.03	Traction power distribution: Catenary and third rail	#	0.00			$ -	$ -	$ -	
60.04	Traction power control					$ -	$ -	$ -	
Construction Subtotal (10-60)						$ 179,194	$ 59,334	$ 198,528	
70 VEHICLES						$	$	$	
70.00	Vehicle acquisition: Electric locomotive	#				$ -	$ -	$ -	
70.01	Vehicle acquisition: Non-electric locomotive	#				$ -	$ -	$ -	
70.02	Vehicle acquisition: Electric multiple unit	#				$ -	$ -	$ -	
70.03	Vehicle acquisition: Diesel multiple unit	#				$ -	$ -	$ -	
70.04	Veh acq: Loco-hauled passenger cars w/ ticketed space	#				$ -	$ -	$ -	
70.05	Veh acq: Loco-hauled passenger cars w/o ticketed space	#				$ -	$ -	$ -	
70.06	Vehicle acquisition: Maintenance of way vehicles	#				$ -	$ -	$ -	
70.07	Vehicle acquisition: Non-railroad support vehicles	#				$ -	$ -	$ -	
70.08	Vehicle refurbishment: Electric locomotive	#				$ -	$ -	$ -	
70.09	Vehicle refurbishment: Non-electric locomotive	#				$ -	$ -	$ -	
70.10	Vehicle refurbishment: Electric multiple unit	#				$ -	$ -	$ -	
70.11	Vehicle refurbishment: Diesel multiple unit	#				$ -	$ -	$ -	
70.12	Veh refurb: Passeng. loco-hauled car w/ ticketed space	#				$ -	$ -	$ -	
70.13	Veh refurb: Non-passeng loco-hauled car w/o ticketed space	#				$ -	$ -	$ -	
70.14	Vehicle refurbishment: Maintenance of way vehicles	#				$ -	$ -	$ -	
70.15	Spare parts					$ -	$ -	$ -	
80 PROFESSIONAL SERVICES						$ 46,829	$ 15,046	$ 61,875	
80.01	Service Development Plan/Service Environmental				$ 1,192	$ 1,192	$ 393	$ 1,585	
80.02	Preliminary Engineering/Project Environmental				$ 5,960	$ 5,960	$ 1,967	$ 7,926	
80.03	Final Design				$ 11,919	$ 11,919	$ 3,933	$ 15,853	
80.04	Project management for design and construction				$ 5,960	$ 5,960	$ 1,967	$ 7,926	
80.05	Construction administration & management				$ 11,919	$ 11,919	$ 3,933	$ 15,853	
80.06	Professional liability and other non-construction insurance				$ 2,384	$ 2,384	$ 787	$ 3,171	
80.07	Legal; Permits; Review Fees by other agencies, cities, etc.				$ 2,384	$ 2,384	$ 787	$ 3,171	
80.08	Surveys, testing, investigation				$ 5,960	$ 5,960	$ 1,967	$ 7,926	
80.09	Engineering inspection				$ 5,960	$ 5,960	$ 1,967	$ 7,926	
80.10	Start up				$ 1,192	$ 1,192	$ 393	$ 1,585	
Subtotal (10-80)						$ 174,023	$ 57,428	$ 231,451	
90 UNALLOCATED CONTINGENCY									
Subtotal (10-90)								$ 231,451	
100 FINANCE CHARGES									
TOTAL CAPITAL COST (10-100)								$ 231,451	

Space provided for additional descriptions or explanations.
See example entries "explanations" above. Please use letter references to specific cost estimate numbers.

Annual Capital Cost Budget

Instructions:
This form provides a breakdown by year of the capital costs entered in the previous "Detailed Capital Cost Budget". The data you enter in this form should be drawn from budget estimates or analyses you have available for your project.

1. In the yellow cells in the "Base Year/FY 2012 Dollars" table, enter the annual dollar figures for each cost category in thousands of Base Year/FY 2012 Dollars.

2. In the "Base Year/ FY 2012 Dollars" table, the numbers in the "Double Check Total" column will auto-populate from the "Detailed Capital Cost Budget" in the previous tab. The numbers in the "Base Yr/FY 12 Total" column will be the sum of the annual data entered to the left. The two columns should match for each Standard Cost Category. If the entries in the "Double Check Total" column are not identical, the Base Year/FY 12 values you entered in the previous tab do not match the values entered in this tab.

3. The light blue cells in the Year of Expenditure (YOE) table will auto-populate using inflation rates from the "General Info" tab.

Program Name: Hoosier State Passenger Service

BASE YEAR FY 2012 DOLLARS (Thousands)	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total in Base Yr/FY 12 Dollars*	Check Figures, Taken from Detailed Budget‡
10 TRACK STRUCTURES & TRACK				$ 39,029	$ 39,029	$ 39,030				$ 117,088	$ 117,088
20 STATIONS, TERMINALS, INTERMODAL				$ 688	$ 688	$ 688				$ 2,064	$ 2,064
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS				$ -	$ -	$ -				$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS				$ -	$ -	$ -				$ -	$ -
50 COMMUNICATIONS & SIGNALING				$ 13,125	$ 13,125	$ 13,126				$ 39,376	$ 39,376
60 ELECTRIC TRACTION				$ -	$ -	$ -				$ -	$ -
70 VEHICLES				$ -	$ -	$ -				$ -	$ -
80 PROFESSIONAL SERVICES (applies to Cats. 10-60)			$ 18,231	$ 18,231	$ 18,231	$ 18,231				$ 72,923	$ 72,923
90 UNALLOCATED CONTINGENCY										$ -	$ -
100 FINANCE CHARGES										$ -	$ -
Total Program Cost [10-100]	$ -	$ -	$ 18,231	$ 71,073	$ 71,073	$ 71,075	$ -	$ -	$ -	$ 231,451	$ 231,451

YEAR OF EXPENDITURE (YOE) DOLLARS	2012	2013	2014	2015	2016	2017	2018	2019	2020	YOE Total**
10 TRACK STRUCTURES & TRACK	$ -	$ -	$ -	$ 42,648	$ 45,927	$ 45,246	$ -	$ -	$ -	$ 133,821
20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -	$ 752	$ 774	$ 798	$ -	$ -	$ -	$ 2,324
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
50 COMMUNICATIONS & SIGNALING	$ -	$ -	$ -	$ 14,342	$ 14,773	$ 15,217	$ -	$ -	$ -	$ 44,332
60 ELECTRIC TRACTION	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
70 VEHICLES	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
80 PROFESSIONAL SERVICES (applies to Cats. 10-60)	$ -	$ -	$ 19,941	$ 19,921	$ 20,519	$ 21,134	$ -	$ -	$ -	$ 80,915
90 UNALLOCATED CONTINGENCY	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
100 FINANCE CHARGES	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Program Cost [10-100]	$ -	$ -	$ 39,941	$ 77,643	$ 79,993	$ 82,395	$ -	$ -	$ -	$ 259,392

* For the purpose of this application, base year dollars are considered FY 2012 dollars.
****Year-of-Expenditure(YOE) dollars are inflated Base Year dollars. Applicants must determine their own inflation rate and enter it on the "General Info" tab. Applicants should also explain their proposed inflation assumptions (and methodology, if applicable) in the Application Form.**
‡ As a convenience to applicants in cross-checking their figures, this column shows the "Total Costs" by category in FY 2012 dollars carried over from the "Detailed Capital Cost Budget" sheet.

If not using the FRA-provided formulas, please describe your methodology in the space provided below as well as listing any supporting documentation.