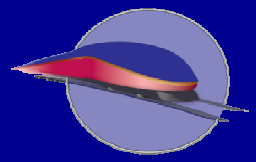
HSIPR Program Application
Supporting Forms
Track 2 Component Project Data



Welcome to the Supporting Forms for the HSIPR Program Track 2 Corridor Programs Application.
This "Track 2 Component Project Data" form is made available to applicants who are prepared to provide detailed capital cost and other information on projects that make up a Track 2 Program for which they are applying. The form is similar, but not identical, to the Supporting Forms for Tracks 1a and 4. One "Track 2 Component Project Data" form would be submitted per project. Although project level supporting forms are optional at this time for Track 2, the submission of these forms together with the Track 2 application could potentially expedite funding of projects that are now ready for final design/ construction if the corridor program is selected for an HSIPR grant. If projects are not yet ready for final design/construction, the information contained in the "Track 2 Component Project Data" forms would be required prior to a grant award for those component projects.

To begin, save this Excel workbook to your computer and open the file. The buttons below will help you to easily navigate the forms contained in this file. To get started click on the button labeled "1. General Info."

Note 1: Yellow cells require you to enter values (if applicable) and blue cells are set up to auto-populate based on formulas that are embedded in the forms. These formulas are supplied for your convenience but you may choose to enter your own values into blue cells in which you do not wish to use the formulas provided.

Note 2: For purposes of this application, "Fiscal Year (FY)" refers to the Federal fiscal year (October 1-September 30).

Color Key for Completing this Form:

Cell Type/Color:	Applicant Must Input Value If Applicable	Template will Auto-Populate (see note 1 above)	FRA Use Only: Applicant Does Not Complete

1. General Info. (click here first)

2. Capital Cost Info. (Standard Cost Categories for reference)

2a. Detailed Capital Cost Budget

2b. Annual Capital Cost Budget

3. Project Schedule

General Information

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

Program Name (***same as on Track 2 Application Form***)	Oklahoma Portion of the South Central HSR Corridor
Project Name (See Note A)	Oklahoma - Segment 3 - BNSF OKC to Norman Double Track
Lead State or Organization	State of Oklahoma/ Oklahoma Department of Transportation
Point-of-Contact (POC) Name	Gary Ridley, OK Secy. Of Transportation
Date of Submission	09/30/09
Version of Submission	Version 1
Tracks other than Track 2 in which this project is being submitted (See Note B)	

Note A: If this project was applied for under another track, please use the Project Name that was used in the other application.
Note B: If you are applying for this project as part of a Track 2-Corridor Program as well as under Track 1a - FD/Construction **and/or** Track 4, and you choose to provide detailed information on this project as part of the Track 2 application, this Track 2 Component Project Data Form would need to be submitted in www.GrantSolutions.gov **in addition to** the Track 1a and/or Track 4 application(s). I.e., a Track 1a and/orTrack 4 application (due on August 24, 2009) cannot be incorporated by reference into a Track 2 Application (due October 2, 2009).

Application Assumptions

1. Please use this section to capture two separate sets of assumptions that will enter 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 Base Year/ FY 2010 dollars and Year of Expenditure dollars. Enter the assumed annual inflation rate for each category for each year.

2. If you wish to use FRA's auto-populated formulas to help complete the capital cost information, please enter the requested data into the yellow cells. You may choose to enter your own values into the capital cost budget forms if you do not wish to use the auto-populated formulas. If you use your own values, in the explanation box below note your method as well as describe any supporting documentation submitted with this form.

Capital Cost Categories*	Contingency Rate Assumption (%)	Annual Inflation Rate Assumptions by Year (%)								
		2008	2009	2010	2011	2012	2013	2014	2015	2016
Categories for Detailed Capital Cost Budget										
10 Track Structures and Track	0%	0.0%	0.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
20 Stations, Terminals, Intermodal	0%	0.0%	0.0%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
30 Support Facilities: Yards, Shops, Admin. Bldgs	0%	0.0%	0.0%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
40 Sitework, ROW, Land, Existing Improvements & Special Conditions	0%	0.0%	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
50 Communications & Signaling	0%	0.0%	0.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
60 Electric Traction	0%	0.0%	0.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
70 Vehicles	0%	0.0%	0.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%	4.0%
80 Professional Services (applies to Cats. 10-60)	0%	0.0%	0.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
90 Unallocated Contingency	n/a	0.0%	0.0%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
100 Finance Charges	n/a	0.0%	0.0%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%

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

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

FRA Standard Cost Categories for Capital Projects/Programs*		Notes
10 TRACK STRUCTURES & TRACK		
10.01	Track structure: Viaduct	Include elevated track structure of significant length consisting of multiple spans of generally equal length
10.02	Track structure: Major/Movable bridge	Include all elevated track structures with a movable span, and/or with a span of significant length (generally of approximately 400" or longer)
10.03	Track structure: Undergrade Bridges	Include elevated track structure of greater than 20 feet that does not fall into 10.01 and 10.02
10.04	Track structure: Culverts and drainage structures	Include all minor undergrade passageways (generally of 20 feet or less in width)
10.05	Track structure: Cut and Fill (> 4' height/depth)	Include grading and subgrade stabilization of roadbed
10.06	Track structure: At-grade (grading and subgrade stabilization)	All grading and subgrade stabilization of roadbed not included under cost categories 10.01 through 10.05 and 10.07
10.07	Track structure: Tunnel	Definition self-explanatory
10.08	Track structure: Retaining walls and systems	Definition self-explanatory
10.09	Track new construction: Conventional ballasted	Include all ballasted track construction on prepared subgrade, on new or existing rights-of-way
10.10	Track new construction: Non-ballasted	Include all slab, direct fixation, embedded, and other non-ballasted track construction on prepared subgrade, on new or existing rights-of-way
10.11	Track rehabilitation: Ballast and surfacing	Include undercutting, ballast cleaning, tamping, and surfacing not associated with new track construction
10.12	Track rehabilitation: Ditching and drainage	Definition self-explanatory
10.13	Track rehabilitation: Component replacement (rail, ties, etc)	Definition self-explanatory
10.14	Track: Special track work (switches, turnouts, insulated joints)	Include minor turnouts and interlocking, such as crossovers and turnouts at the ends of passing tracks
10.15	Track: Major interlockings	Significant interlockings at major stations and where routes converge from three or more directions
10.16	Track: Switch heaters (with power and control)	Include cost of power distribution equipment from commercial power source to interlocking location
10.17	Track: Vibration and noise dampening	Definition self-explanatory
10.18	Other linear structures including fencing, sound walls	Definition self-explanatory
20 STATIONS, TERMINALS, INTERMODAL		As associated with stations, include costs for rough grading, excavation, station structures, enclosures, finishes, equipment; mechanical and electrical components including HVAC, ventilation shafts and equipment, station power, lighting, public address/customer information systems; safety systems such as fire detection and prevention, security surveillance, access control, life safety systems, etc. Include all construction materials and labor regardless of who is performing the work.
20.01	Station buildings: Intercity passenger rail only	Definition self-explanatory
20.02	Station buildings: Joint use (commuter rail, intercity bus)	Definition self-explanatory
20.03	Platforms	Definition self-explanatory
20.04	Elevators, escalators	Definition self-explanatory
20.05	Joint commercial development	Construction at station sites intended to support non-transportation commercial activities (shopping, restaurants, residential, office space). Do not include cost of incidental commercial use of station space intended for use by passengers (newsstands, snack bar, etc). Costs may not be allowable for Federal reimbursement
20.06	Pedestrian / bike access and accommodation, landscaping, parking lots	Include sidewalks, paths, plazas, landscape, site and station furniture, site lighting, signage, public artwork, bike facilities, permanent fencing
20.07	Automobile, bus, van accessways including roads	Include all on-grade paving
20.08	Fare collection systems and equipment	Include fare sales and swipe machines, fare counting equipment
20.09	Station security	Definition self-explanatory
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS		
30.01	Administration building: Office, sales, storage, revenue counting	Definition self-explanatory
30.02	Light maintenance facility	Include service, inspection, and storage facilities and equipment
30.03	Heavy maintenance facility	Include heavy maintenance and overhaul facilities and equipment
30.04	Storage or maintenance-of-way building/bases	Definition Self-explanatory
30.05	Yard and yard track	Include yard construction and track associated with yard
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS		Include all construction materials and labor regardless of who is performing the work.
40.01	Demolition, clearing, site preparation	Include project/program-wide clearing, demolition and fine grading
40.02	Site utilities, utility relocation	Include all site utilities-storm, sewer, water, gas, electric
40.03	Hazardous material, contaminated soil removal/mitigation, ground water treatments	Include underground storage tanks, fuel tanks, other hazardous materials and treatments, etc.
40.04	Environmental mitigation: wetlands, historic/archeology, parks	Include other environmental mitigation not listed
40.05	Site structures including retaining walls, sound walls	Definition self-explanatory
40.06	Temporary facilities and other indirect costs during construction	Definition self-explanatory

40.07	Purchase or lease of real estate	If the value of right-of-way, land, and existing improvements is to be used as in-kind local match to the Federal funding of the project/program, include the total cost on this line item. In backup documentation, separate cost for land from cost for improvements. Identify whether items are leased, purchased or acquired through payment or for free. Include the costs for permanent surface and subsurface easements, trackage rights, etc.
40.08	Highway/pedestrian overpass/grade separations	Other than the grade separations included in this line item, highway-rail grade crossing safety enhancements generally fall under 50.06.
40.09	Relocation of existing households and businesses	In compliance with Uniform Relocation Act
50 COMMUNICATIONS & SIGNALING		
50.01	Wayside signaling equipment	Definition Self-explanatory
50.02	Signal power access and distribution	Definition Self-explanatory
50.03	On-board signaling equipment	Include on-board cab signal, Automatic Train Control (ATC), and Positive Train Control (PTC) related equipment
50.04	Traffic control and dispatching systems	Definition self-explanatory
50.05	Communications	Definition self-explanatory
50.06	Grade crossing protection	Includes all types of highway-rail grade crossing safety enhancements except for grade separation projects, which fall under 40.08.
50.07	Hazard detectors: dragging equipment high water, slide, etc.	Definition self-explanatory
50.08	Station train approach warning system	Definition self-explanatory
60 ELECTRIC TRACTION		
60.01	Traction power transmission: High voltage	Definition self-explanatory
60.02	Traction power supply: Substations	Definition self-explanatory
60.03	Traction power distribution: Catenary and third rail	Definition self-explanatory
60.04	Traction power control	Definition self-explanatory
70 VEHICLES		Include professional services associated with the vehicle component of the project/program. These costs may include agency staff oversight and administration, vehicle consultants, design and manufacturing contractors, legal counsel, warranty and insurance costs, etc.
70.00	Vehicle acquisition: Electric locomotive	Definition self-explanatory
70.01	Vehicle acquisition: Non-electric locomotive	Definition self-explanatory
70.02	Vehicle acquisition: Electric multiple unit	Definition self-explanatory
70.03	Vehicle acquisition: Diesel multiple unit	Definition self-explanatory
70.04	Veh acq: Loco-hauled passenger cars w/ ticketed space	Include cars with coach space, sleeping compartments, etc.
70.05	Veh acq: Loco-hauled passenger cars w/o ticketed space	Include dedicated food service, lounge, baggage and other service support cars
70.06	Vehicle acquisition: Maintenance of way vehicles	Definition self-explanatory
70.07	Vehicle acquisition: Non-railroad support vehicles	Include hi-rail bucket trucks, and other highway vehicles
70.08	Vehicle refurbishment: Electric locomotive	Definition self-explanatory
70.09	Vehicle refurbishment: Non-electric locomotive	Definition self-explanatory
70.10	Vehicle refurbishment: Electric multiple unit	Definition self-explanatory
70.11	Vehicle refurbishment: Diesel multiple unit	Definition self-explanatory
70.12	Veh refurb: Passeng. loco-hauled car w/ ticketed space	Include coaches, sleeping cars, etc.
70.13	Veh refurb: Non-passeng loco-hauled car w/o ticketed space	Include food service, lounge, baggage and other service support cars
70.14	Vehicle refurbishment: Maintenance of way vehicles	Definition self-explanatory
70.15	Spare parts	Definition self-explanatory
80 PROFESSIONAL SERVICES (applies to Cats. 10-60)		Cat. 80 applies to Cats. 10-60. Cat. 80 includes all professional, technical and management services related to the design and construction of infrastructure (Cats. 10 - 60) during the preliminary engineering, final design, and construction phases of the project/program (as applicable). This includes environmental work, design, engineering and architectural services; specialty services such as safety or security analyses; value engineering, risk assessment, cost estimating, scheduling, ridership modeling and analyses, auditing, legal services, administration and management, etc. by agency staff or outside consultants.
80.01	Service Development Plan/Service Environmental	
80.02	Preliminary Engineering/Project Environmental	
80.03	Final design	
80.04	Project management for design and construction	
80.05	Construction administration & management	
80.06	Professional liability and other non-construction insurance	
80.07	Legal; Permits; Review Fees by other agencies, cities, etc.	
80.08	Surveys, testing, investigation	
80.09	Engineering inspection	Definition self-explanatory
80.10	Start up	Definition self-explanatory
90 UNALLOCATED CONTINGENCY		Includes unallocated contingency, project/program reserves. Document allocated contingencies for individual line items on Detailed Capital Cost Budget.
100 FINANCE CHARGES		Include finance charges expected to be paid by the project/program sponsor/grantee prior to either the completion of the project or the fulfillment of the FRA funding commitment, whichever occurs later in time. Finance charges incurred after this date should not be included in Total Project Cost. Derive finance charges from the project's financial plan, based on an analysis of the sources and uses of funds.

*NOTE: To help evaluate and compare the costs of different projects, FRA has developed 10 main Standardized Capital Cost Categories. These are provided to establish consistency in the use of the worksheets. The SCC cost breakdown is based on a traditional Design Bid Build model. If your project is Design Build, to the best of your ability, separate construction costs from design, administration, testing, etc. Put all construction costs in 10 through 60. Put design, administration, testing, etc. in "80 Professional Services." If you are not sure where to put a certain element of the project, consider the issue in general terms, using this sheet as a guide.

Detailed Capital Cost Budget

Instructions:

To assist FRA in comparing projects, this form provides a breakdown of capital costs using Standard Cost Categories (SCCs). Definitions of FRA's SCCs can be found in the "Capital Cost Info" tab of this workbook.

The data you enter in this form should be drawn from budget estimates or analysis you have available for your project.

1. Enter values in the yellow cells below. You should only provide data for those cost categories associated with this project; leave others blank.
2. If the project has been applied for under Track 1a and/or Track 4, applicants may copy and paste the same "Applicant Inputs" (range bordered below in red) from the analogous sheet in the Track 1a or Track 4 application, into this form. In addition to Columns D-G, ensure that Category 90 Unallocated Contingency and Category 100 Finance Charges (located at the bottom of this form) are also entered.
3. The light blue cells will auto-populate based on the assumptions you entered in "General Info." If you did not enter assumptions, or you wish to change the auto-populated data, you may enter values in the light blue cells.
4. Explain any large discrete, identifiable, and/or unique capital investments in the space provided at the end of this form. Where an explanation is appropriate, place an asterisk in the far right column to denote that an explanation is provided. Please include the reference to the Cost Category number in your explanation. Example: "10.07: Tunnel at xxxx [location], x.x miles in length, consists of one twin-tube New Austrian Tunneling Method tunnel with cross-passages located every .25 miles."
5. For purposes of this application "Base Year Dollars" are Fiscal Year (FY) 2010 Dollars.

Program Name:	Oklahoma Portion of the South Central HSR Corridor
Project Name:	Oklahoma - Segment 3 - BNSF OKC to Norman Double Track
Track(s) applied for other than Track 2:	-

APPLICANT INPUTS

	Unit	Quantity	Unit Cost (Base Yr/FY 10*)	Non-Unit Based Costs	Total Allocated Cost (Base Yr/FY10 Dollars)	Allocated Contingency (Base Yr/FY10 Dollars)	TOTAL COST (Base Yr/FY10 Dollars)	Explanation Provided? (if so use *)
Total for Category 10: TRACK STRUCTURES AND TRACK					$ 41,276,121.50	$ -	$ 41,276,121.50	
10.01 Track structure: Viaduct	Miles	0.00	$ -		$ -	$ -	$ -	
10.02 Track structure: Major/Movable bridge				$ -	$ -	$ -	$ -	
10.03 Track structure: Undergrade Bridges				$ -	$ -	$ -	$ -	
10.04 Track structure: Culverts and drainage structures	#	108.00	$ 12,688.00		$ 1,370,304.00	$ -	$ 1,370,304.00	
10.05 Track structure: Cut and Fill (> 4' height/depth)	Miles	17.75	$ 14,200.00		$ 252,050.00	$ -	$ 252,050.00	
10.06 Track structure: At-grade (grading and subgrade stabilization)	Miles	17.75	$ 285,566.00		$ 5,068,796.50	$ -	$ 5,068,796.50	
10.07 Track structure: Tunnel				$ -	$ -	$ -	$ -	
10.08 Track structure: Retaining walls and systems	Miles	0.00	$ -		$ -	$ -	$ -	
10.09 Track new construction: Conventional ballasted				$ 33,064,847.00	$ 33,064,847.00	$ -	$ 33,064,847.00	
10.10 Track new construction: Non-ballasted				$ -	$ -	$ -	$ -	
10.11 Track rehabilitation: Ballast and surfacing				$ -	$ -	$ -	$ -	
10.12 Track rehabilitation: Ditching and drainage				$ -	$ -	$ -	$ -	
10.13 Track rehabilitation: Component replacement (rail, ties, etc)				$ -	$ -	$ -	$ -	
10.14 Track: Special track work (switches, turnouts, insulated joints)				$ 1,520,124.00	$ 1,520,124.00	$ -	$ 1,520,124.00	
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	$ -		$ -	$ -	$ -	
Total for Category 20: STATIONS, TERMINALS, INTERMODAL					$ -	$ -	$ -	
20.01 Station buildings: Intercity passenger rail only					$ -	$ -	$ -	
20.02 Station buildings: Joint use (commuter rail, intercity bus)					$ -	$ -	$ -	
20.03 Platforms					$ -	$ -	$ -	
20.04 Elevators, escalators					$ -	$ -	$ -	
20.05 Joint commercial development					$ -	$ -	$ -	
20.06 Pedestrian / bike access and accommodation, landscaping,					$ -	$ -	$ -	
20.07 Automobile, bus, van accessways including roads					$ -	$ -	$ -	
20.08 Fare collection systems and equipment					$ -	$ -	$ -	
20.09 Station security					$ -	$ -	$ -	
Total for Category 30: SUPPORT FACILITIES: YARDS, SHOPS, ADMIN.					$ -	$ -	$ -	
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					$ -	$ -	$ -	
Total for Category 40,:SITEWORK, RIGHT OF WAY, LAND, EXISTING					$ 9,000,000.00	$ -	$ 9,000,000.00	
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				$ 9,000,000.00	$ 9,000,000.00	$ -	$ 9,000,000.00	
40.09 Relocation of existing households and businesses				$ -	$ -	$ -	$ -	
Total for Category 50: COMMUNICATIONS & SIGNALING					$ 25,000,000.00	$ -	$ 25,000,000.00	
50.01 Wayside signaling equipment					$ -	$ -	$ -	
50.02 Signal power access and distribution					$ -	$ -	$ -	
50.03 On-board signaling equipment					$ -	$ -	$ -	
50.04 Traffic control and dispatching systems					$ -	$ -	$ -	
50.05 Communications				$ 15,000,000.00	$ 15,000,000.00	$ -	$ 15,000,000.00	
50.06 Grade crossing protection				$ 10,000,000.00	$ 10,000,000.00	$ -	$ 10,000,000.00	

Program Name:	Oklahoma Portion of the South Central HSR Corridor
Project Name:	Oklahoma - Segment 3 - BNSF OKC to Norman Double Track
Track(s) applied for other than Track 2:	-

	APPLICANT INPUTS							
	Unit	Quantity	Unit Cost (Base Yr/FY 10*)	Non-Unit Based Costs	Total Allocated Cost (Base Yr/FY10 Dollars)	Allocated Contingency (Base Yr/FY10 Dollars)	TOTAL COST (Base Yr/FY10 Dollars)	Explanation Provided? (if so use *)
50.07 Hazard detectors (dragging equipment, , slide, etc.)					$ -	$ -	$ -	
50.08 Station train approach warning system					$ -	$ -	$ -	
Total for Category 60: ELECTRIC TRACTION					$ -	$ -	$ -	
60.01 Traction power transmission: High voltage					$ -	$ -	$ -	
60.02 Traction power supply: Substations	#				$ -	$ -	$ -	
60.03 Traction power distribution: Catenary and third rail	#				$ -	$ -	$ -	
60.04 Traction power control					$ -	$ -	$ -	
Construction Subtotal (Categories 10-60)					$ 75,276,121.50	$ -	$ 75,276,121.50	
Total for Category 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					$ -	$ -	$ -	
Total for Category 80: PROFESSIONAL SERVICES (applies to Cats. 10-60)					$ 6,674,393.00	$ -	$ 6,674,393.00	
80.01 Service Development Plan/Service Environmental				$ -	$ -	$ -	$ -	
80.02 Preliminary Engineering/Project Environmental				$ 602,739.00	$ 602,739.00	$ -	$ 602,739.00	
80.03 Final design				$ 1,808,218.00	$ 1,808,218.00	$ -	$ 1,808,218.00	
80.04 Project management for design and construction				$ -	$ -	$ -	$ -	
80.05 Construction administration & management				$ 3,616,436.00	$ 3,616,436.00	$ -	$ 3,616,436.00	
80.06 Professional liability and other non-construction insurance				$ -	$ -	$ -	$ -	
80.07 Legal; Permits; Review Fees by other agencies, cities, etc.				$ -	$ -	$ -	$ -	
80.08 Surveys, testing, investigation				$ 397,000.00	$ 397,000.00	$ -	$ 397,000.00	
80.09 Engineering inspection					$ -	$ -	$ -	
80.10 Start up				$ 250,000.00	$ 250,000.00	$ -	$ 250,000.00	
Subtotal (Categories 10-80)					$ 81,950,514.50	$ -	$ 81,950,514.50	
90 UNALLOCATED CONTINGENCY							$ -	
Subtotal (10-90)							$ 81,950,514.50	
100 FINANCE CHARGES							$ -	
TOTAL CAPITAL COSTS (10-100)							$ 81,950,514.50	

Space provided for additional descriptions of capital costs.
See Example under "Instructions" above. Please include references to specific Cost Category numbers.

HSIPR Program Application Supporting Forms
Track 2 Component Project Data

Program Name:	Oklahoma Portion of the South Central HSR Corridor
Project Name:	Oklahoma - Segment 3 - BNSF OKC to Norman Double Track
Track(s) applied for other than Track 2:	-

	APPLICANT INPUTS							
	Unit	Quantity	Unit Cost (Base Yr/FY 10*)	Non-Unit Based Costs	Total Allocated Cost (Base Yr/FY10 Dollars)	Allocated Contingency (Base Yr/FY10 Dollars)	TOTAL COST (Base Yr/FY10 Dollars)	Explanation Provided? (if so use *)

Annual Capital Cost Budget

Instructions:
This form should provide 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 analysis you have available for your project.

1. In the yellow cells in the "Base Year/ FY 2010 Dollars" table, enter the annual dollar figures for each cost category in Base Year/FY 10 Dollars. In the yellow cells of the "Year of Expenditure (YOE)" table, enter the actual cost of FY 2009 activities. In both tables as appropriate, the blue cells will auto-populate with Base Year/FY 10 Dollars if you entered assumed inflation rates in the "General Info" tab. If you did not enter assumed inflation rates, or you wish to make your own calculations, you may enter values in the light blue cells. Note: This form should reflect Federal Government Fiscal Years (FY) from October 1 through September 30.

2. In the "Base Year/ FY 2010 Dollars" table, the numbers in the "Check Figures Taken from Detailed Budget" column will auto-populate from the "Detailed Capital Cost Budget" in the previous tab. The numbers in the "Base Yr/FY 10 Total" column will be the sum of the annual data entered to the left. Applicants may wish to compare these two columns as a double-check on their entries.

3. The light blue Year of Expenditure (YOE) information will auto-populate if you entered assumed inflation rates in the "General Info" tab. If you did not enter assumed inflation rates, or you wish to make your own calculations, you may enter values in the light blue cells.

Program Name:	Oklahoma Portion of the South Central HSR Corridor
Project Name:	Oklahoma - Segment 3 - BNSF OKC to Norman Double Track
Track:	-

BASE YEAR/ FY 2010 DOLLARS (1000s)	2009	2010	2011	2012	2013	2014	2015	2016	2017	Base Yr /FY 10 Total*	Check Figures Taken from Detailed Budget‡
10 TRACK STRUCTURES & TRACK	$ -	$ -	$ 41,276.12	$ -	$ -	$ -	$ -	$ -	$ -	$ 41,276.12	$ 41,276,121.50
20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ -	$ -	$ 9,000.00	$ -	$ -	$ -	$ -	$ -	$ -	$ 9,000.00	$ 9,000,000.00
50 COMMUNICATIONS & SIGNALING	$ -	$ -	$ 25,000.00	$ -	$ -	$ -	$ -	$ -	$ -	$ 25,000.00	$ 25,000,000.00
60 ELECTRIC TRACTION	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
70 VEHICLES	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
80 PROFESSIONAL SERVICES (applies to Cats. 10-60)	$ -	$ 3,057.96	$ 3,616.44	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,674.39	$ 6,674,393.00
90 UNALLOCATED CONTINGENCY	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
100 FINANCE CHARGES	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Project Cost (10-100)	**$ -**	**$ 3,057.96**	**$ 78,892.56**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 81,950.52**	**$ 81,950,514.50**

YEAR OF EXPENDITURE (YOE) DOLLARS	2009	2010	2011	2012	2013	2014	2015	2016	2017	YOE Total**
10 TRACK STRUCTURES & TRACK	$ -	$ -	$ 42,927.17	$ -	$ -	$ -	$ -	$ -	$ -	$ 42,927.17
20 STATIONS, TERMINALS, INTERMODAL	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
30 SUPPORT FACILITIES: YARDS, SHOPS, ADMIN. BLDGS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
40 SITEWORK, RIGHT OF WAY, LAND, EXISTING IMPROVEMENTS	$ -	$ -	$ 9,180.00	$ -	$ -	$ -	$ -	$ -	$ -	$ 9,180.00
50 COMMUNICATIONS & SIGNALING	$ -	$ -	$ 25,750.00	$ -	$ -	$ -	$ -	$ -	$ -	$ 25,750.00
60 ELECTRIC TRACTION	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
70 VEHICLES	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
80 PROFESSIONAL SERVICES (applies to Cats. 10-60)	$ -	$ 3,057.96	$ 3,724.93	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,782.89
90 UNALLOCATED CONTINGENCY	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
100 FINANCE CHARGES	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Project Cost (10-100)	**$ -**	**$ 3,057.96**	**$ 81,582.10**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 84,640.05**

* For the purpose of this application, base year dollars are considered FY 2010 dollars.
**Year-of-Expenditure(YOE) dollars are inflation-adjusted Base Year dollars. Applicants may 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) where indicated at the bottom of the "General Info." tab of this workbook, and in supporting documentation. See the Track 2 Application Form, Section B, Corridor Program Summary Question (3) .
‡ As a convenience to applicants in cross-checking their figures, this column shows the "Total Costs" by category in FY 2010 dollars carried over from the "Detailed Capital Cost Budget" sheet.

Schedule- Track 2 Template

Instructions:

1. Ensure the "Document Information" auto-populated in the upper right hand corner
2. Provide the anticipated "Start Date" and "End Date" for each high level activity in the yellow cells below
3. Where applicable, color the cells to the right of each activity to indicate the duration and timing of each activity between 2009 and 2017 (on a quarterly basis).
4. Only include dates for activities that are applicable to this project.
Tip: Highlight the cells you wish to color and right click to select Format Cells. Use the Fill command to apply color.

Document Information	
Program Name	ortion of the South Central
Project Name	nent 3 - BNSF OKC to Norm
Date of Submission	40,086
Version Number	Version 1

	Start Date	End Date	2009				2010				2011				2012				2013				2014				2015				2016				2017			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Preliminary Engineering (PE)	04/01/10	06/30/10																																				
Issue requests for bids, make awards of PE contracts																																						
PE Drawings, construction cost estimate and schedule, Project NEPA Documents																																						
Receive environmental determination for Project NEPA																																						
Submit request / receive FRA funding obligation for FD/Construction																																						
Final Design (FD)	07/01/10	03/31/11																																				
Issue requests for bids, make awards of FD contracts																																						
FD Drawings; and cost estimate, schedule refinement																																						
Acquisition of real estate, relocation of households and businesses																																						
Conduct reviews																																						
Issue requests for bids																																						
Submit request / receive FRA approval for Construction																																						
Construction	04/01/11	03/31/13																																				
Make awards of construction contracts																																						
Construct infrastructure																																						
Finalize real estate acquisitions and relocations																																						
Acquire and test vehicles																																						
Service Operations - Project/Program Close Date	04/01/13	06/30/13																																				
Service Operations																																						
Completion of project/program close-out, resolution of claims																																						