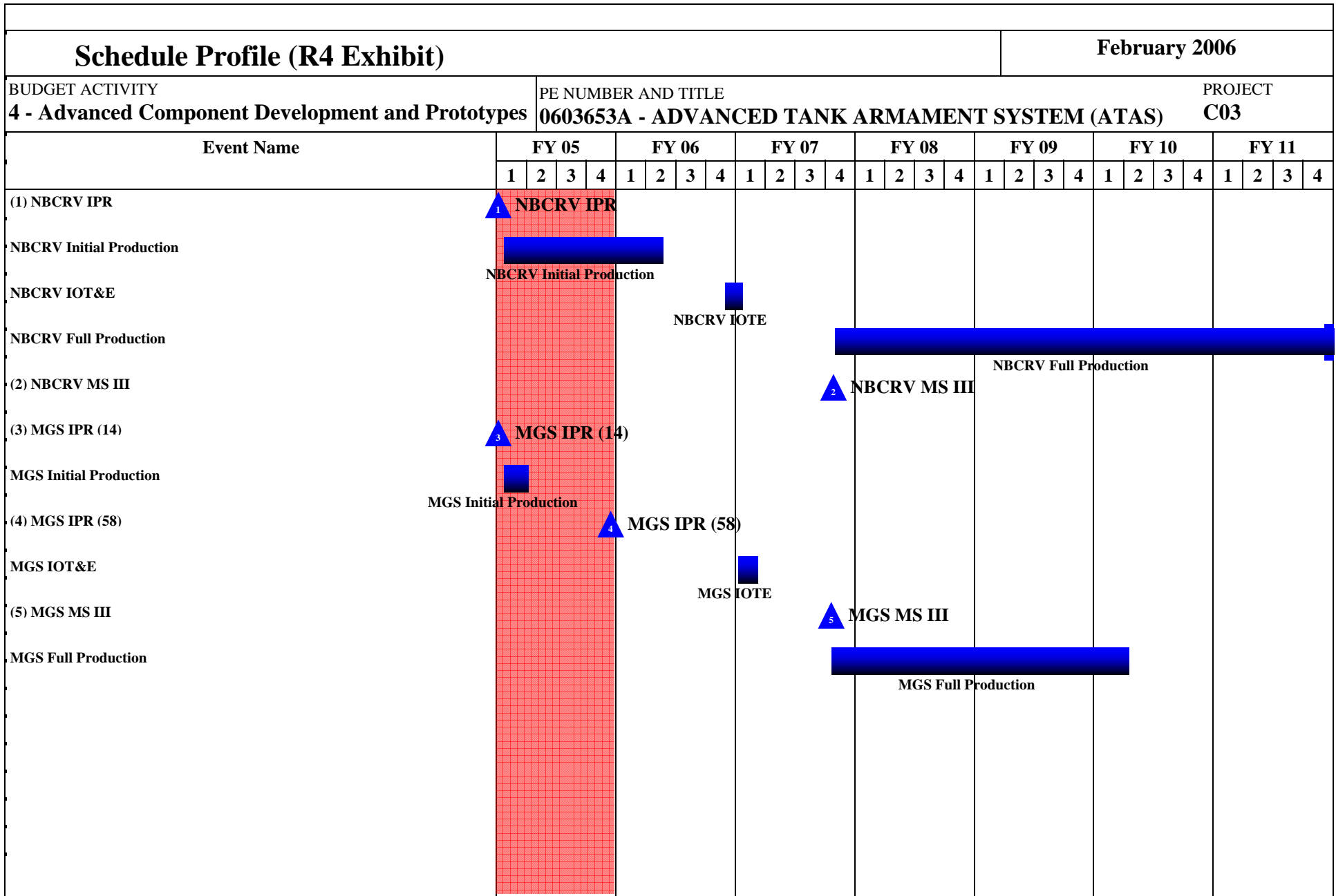


ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)								February 2006		
BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes			PE NUMBER AND TITLE 0603653A - ADVANCED TANK ARMAMENT SYSTEM (ATAS)						PROJECT C03	
COST (In Thousands)		FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total Cost
C03	INTERIM ARMORED VEHICLE (IAV) FAMILY	49689	26332	5415	64372	88	0	0	0	353057
A. Mission Description and Budget Item Justification: This project supports the development of the Family of Stryker vehicles. A critical need exists to improve the deployability and operational effectiveness of rapid response/early entry forces. The Stryker equipped Brigade Combat Team (BCT) will be capable of deployment to anywhere on the globe in a combat ready configuration. Immediate response by a lethal, versatile, tactically agile joint force capable of operational maneuver once in the Area of Operations is essential to fulfilling the warfighting needs of the U. S. Army. The Stryker family includes: Infantry Carrier Vehicle (ICV), Reconnaissance Vehicle (RV), Mobile Gun System (MGS), Mortar Carrier (MC), Commander's Vehicle (CV), Fire Support Vehicle (FSV), Engineer Squad Vehicle (ESV), Medical Evacuation Vehicle (MEV), Anti-Tank Guided Missile Vehicle (ATGM), and Nuclear/Biological/Chemical Reconnaissance (NBC RV). The use of a common platform/common chassis design reduces requirements for repair parts and logistics support in the area of operations. RDTE funding is for integration of the mission equipment packages that make each platform unique and effective, and for vehicle testing to include developmental, production qualification, live fire and initial operational testing.										
Accomplishments/Planned Program						<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>		
Completed design integration of NBCRV and HFE redesign. Completed design efforts on MGS: gun turret drives, fire control target acquisition, vehicle weight reduction and RAM improvement. Continue development and engineering efforts of Block modifications: Survivability Enhancements to include SLAT armor for the MGS and NBCRV vehicles and Land Warrior Development. Continue contractor support to government testing for the MGS and NBCRV.						26332	5435	0		
Government Testing of Vehicles: Completed Development Testing on the MC unique, Ammo Requal, MGS Unique to include additional RAM/Reliability Growth Testing (RGT) and Remote Weapons Station (RWS). Prepare for Live Fire Test & Evaluation (LFT&E) and Initial Operational Testing and Evaluation (IOT&E) on NBCRV and MGS.						17767	20347	5165		
Government Systems Engineering and Program Management						2590	550	250		
Training Devices						3000	0	0		
Total						49689	26332	5415		

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)							February 2006				
BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes			PE NUMBER AND TITLE 0603653A - ADVANCED TANK ARMAMENT SYSTEM (ATAS)					PROJECT C03			
<u>B. Program Change Summary</u>			FY 2005	FY 2006	FY 2007						
Previous President's Budget (FY 2006)			49712	26712	13216						
Current BES/President's Budget (FY 2007)			49689	26332	5415						
Total Adjustments			-23	-380	-7801						
Congressional program reductions				-115							
Congressional rescissions			-23	-265							
Congressional increases											
Reprogrammings											
SBIR/STTR Transfer											
Adjustments to Budget Years					-7801						
FY07: Funds realigned (-\$7.8M) to higher priority requirements.											
<u>C. Other Program Funding Summary</u>			FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
PA, WTCV, G85100 Stryker			1434037	1049427	795978	804061	289099	390608	327043	938700	6028953
Comment: The Mobile Gun System (MGS) and the NBC Reconnaissance Vehicle (NBCRV) have been approved for LRIP. A quantity of 17 NBCRV vehicles and 72 MGS vehicles have been put on contract. Contract award for these items occurred in November 2004 and January 2005.											
<u>D. Acquisition Strategy</u> The MGS vehicle recently completed system improvement testing, i.e, MGS Reliability Growth Testing, in which the purpose of the test was to demonstrate reliability improvement. The successful results of this test were used to support the initial production decision for the acquisition of the additional 58 MGS vehicles. FY06 and FY07 funding supports Live Fire and Initial Operational Test and Evaluation prior to MS III/full-rate production decisions for the NBCRV & MGS in 4QFY07. Live Fire Testing is scheduled to begin Feb 06 for both the NBCRV and MGS and IOTE testing is scheduled to begin 4QFY06 for the NBCRV and 1QFY07 for the MGS.											

ARMY RDT&E COST ANALYSIS (R3)										February 2006		
BUDGET ACTIVITY				PE NUMBER AND TITLE							PROJECT	
4 - Advanced Component Development and Prototypes				0603653A - ADVANCED TANK ARMAMENT SYSTEM (ATAS)							C03	
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Stryker Development/Engineering	CPAF	GDLS Sterling Heights, MI	307550	25748	1-2Q	2900	2-3Q	0		34097	370295	370295
GFE	Requisitions	Various	851	0		0		0		0	851	851
Prototype Development (8)	Firm Fixed Price	GM GDLS DG L.L.C. Shelby, MI	29215	0		0		0		0	29215	29215
Training Devices	MIPR	PEO-STRI, Orlando, FL	8420	3000		0		0		0	11420	11420
Miscellaneous Contractor Support			1246	0		0		0		0	1246	1246
SBIR/STTR			8959	0		0		0		0	8959	8959
Subtotal:			356241	28748		2900		0		34097	421986	421986
Remarks: Stryker development/engineering supports the MGS Low Velocity Air Drop Effort and the Mounted Mast development for the Reconnaissance Vehicle (RV) and the Fire Support Vehicle (FSV).												
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Other Gov't Agencies	MIPR	TACOM, Warren, MI / Various	15288	2113	1-2Q	550	1-2Q	250	1-2Q	263	18464	18464
Source Selection Board		MIPR	2300	0		0		0		0	2300	2300
Subtotal:			17588	2113		550		250		263	20764	20764
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Developmental System Testing	MIPR	ATEC, APG, MD/Various	94116	8846	2-3Q	0		0		0	102962	102962
Fort Lewis Concept Prove Out	MIPR	BCT Materiel Dev Cell, Ft Lewis, WA	1118	0		0		0		0	1118	1118

ARMY RDT&E COST ANALYSIS (R3)										February 2006		
BUDGET ACTIVITY			PE NUMBER AND TITLE								PROJECT	
4 - Advanced Component Development and Prototypes			0603653A - ADVANCED TANK ARMAMENT SYSTEM (ATAS)								C03	
Procure Test/Evaluation Vehicles	Competitive / CPAF	General Motors/General Dynamics Land Systems Defense Group L.L.C. Shelby, MI	3735	0		0		0		30100	33835	33835
Live Fire Test & Evaluation	MIPR	Army Test Center, Army Research Lab, Army Evaluation Center	12607	5546	2Q	3183	1Q	2137	1Q	0	23473	23473
Initial Operational Test & Evaluation	MIPR	OTC, Ft. Knox, KY	58981	3375	3Q	17164	1Q	2247	1Q	0	81767	81767
Contractor Support to Test	CPFF	GM GDLS DG L.L.C. Shelby, MI	20414	584	2Q	2535	2Q	781	2Q	0	24314	24314
Subtotal:			190971	18351		22882		5165		30100	267469	267469
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
PMO	N/A	TACOM, Warren, MI	8610	477	1-2Q	0		0		0	9087	9087
PM Support (Contractor)	Competitive / Various	Warren, MI	2147	0		0		0		0	2147	2147
Subtotal:			10757	477		0		0		0	11234	11234
Project Total Cost:			575557	49689		26332		5415		64460	721453	721453



Schedule Detail (R4a Exhibit)						February 2006	
BUDGET ACTIVITY 4 - Advanced Component Development and Prototypes			PE NUMBER AND TITLE 0603653A - ADVANCED TANK ARMAMENT SYSTEM (ATAS)			PROJECT C03	
<u>Schedule Detail</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>
NBCRV IPR	1Q						
Planned NBCRV Milestone III			4Q				
MGS IPR (Lot 1 - 14 Vehicles)	1Q						
MGS IPR (Lot 2 - 58 Vehicles)	4Q						
Planned MGS Milestone III			4Q				