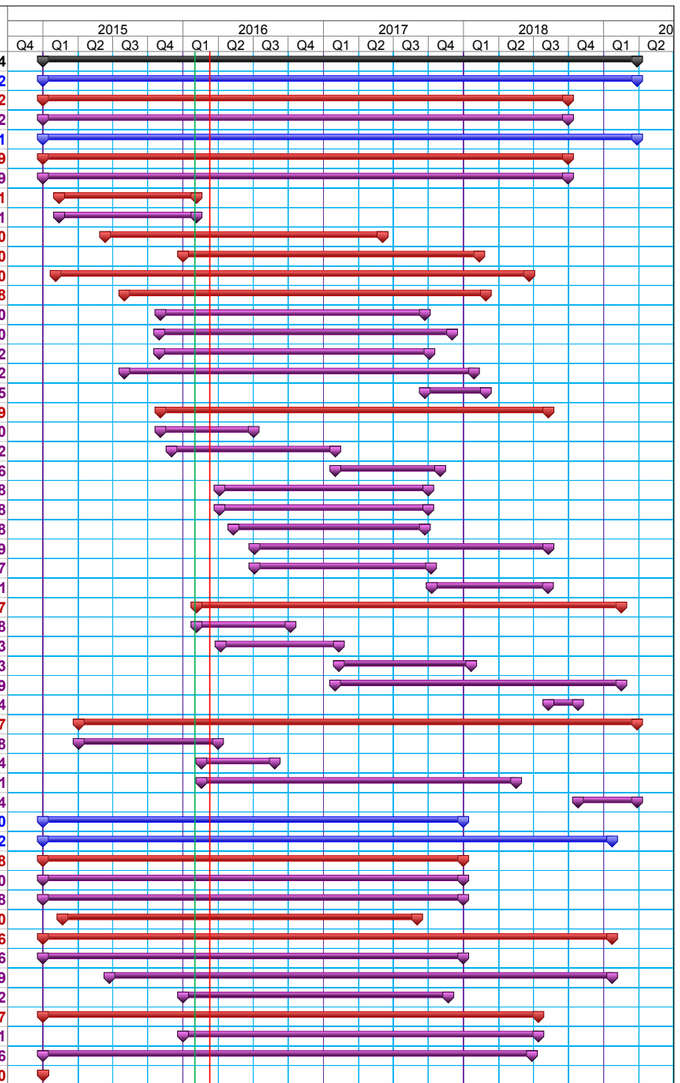UID	ID	WBS	Name	Start	Finish	-- FY15 Costs -- (NoContingency) (FNAL + BNL)	-- FY16 Costs -- (NoContingency) (FNAL + BNL)	-- FY17 Costs -- (NoContingency) (FNAL + BNL)	-- FY18 Costs -- (NoContingency) (FNAL + BNL)	-- FY19 Costs -- (NoContingency) (FNAL + BNL)	TPC (NoContingency) (FNAL + BNL)
1	1	40SBN	Short Baseline Neutrino (SBN)	10/1/14	12/26/18	1574011.92	7640466.63	6256240.75	2182214.44	151420.17	$17,804,354
74	2	40SBN/1	Short Baseline Neutrino Program Management - Coordination (SBN-PM)	10/1/14	12/26/18	309260	451965.13	379122.78	223183.79	0	$1,363,532
87	3	40SBN/1.1	Program Management (SBN-PM)	10/1/14	6/29/18	309260	451965.13	379122.78	223183.79	0	$1,363,532
181	4	40SBN/1.1.1	Program Management Support (SBN-PM)(SU)	10/1/14	6/29/18	309260	451965.13	379122.78	223183.79	0	$1,363,532
2	42	40SBN/2	Short Baseline Neutrino Near Detector (SBN-ND)	10/1/14	12/26/18	580123.92	3682496.4	3249752.8	463474.27	145613.17	$8,121,461
3	43	40SBN/2.1	Program Management (SBN-ND-PM)	10/1/14	6/29/18	79109.8	145635.84	149100	115212.94	0	$489,059
190	44	40SBN/2.1.1	Program Management Support (SBN-ND-PM)(SU)	10/1/14	6/29/18	79109.8	145635.84	149100	115212.94	0	$489,059
14	75	40SBN/2.2	Preliminary Detector Design (SBN-ND-PDD)	11/11/14	11/4/15	173871.37	8119.48	0	0	0	$181,991
191	76	40SBN/2.2.1	Preliminary Detector Design & Installation (SBN-ND-PDD)(I)	11/11/14	11/4/15	173871.37	8119.48	0	0	0	$181,991
98	89	40SBN/2.3	TPC Construction (SBN-ND-TPCC)	3/12/15	3/3/17	0	0	0	0	0	$0
101	236	40SBN/2.4	PMT Light Detector (SBN-ND-LDC)	10/1/15	11/10/17	0	0	0	0	0	$0
104	303	40SBN/2.5	Laser Calibration System and Cosmic-Ray Detector Construction (SBN-ND-LCC)	11/3/14	3/20/18	0	0	0	0	0	$0
107	423	40SBN/2.6	TPC Electronics (SBN-ND-TPCE)	5/1/15	11/27/17	217836.95	1887483.25	1853452.6	32705.54	0	$3,991,478
108	424	40SBN/2.6.1	TPC Cold Electronics (SBN-ND-TPCE)(CE)	8/3/15	6/21/17	122157.54	989840.36	964412.11	0	0	$2,076,410
820	505	40SBN/2.6.2	TPC Warm Interface Electronics (SBN-ND-TPCE)(WE)	7/31/15	8/31/17	49017.7	329578.94	327413.6	0	0	$706,010
821	539	40SBN/2.6.3	TPC Readout Signal Feed-through and Cold Cable (SBN-ND-TPCE)(CC)	7/31/15	7/3/17	30512.09	514521.93	493587.53	0	0	$1,038,622
954	588	40SBN/2.6.4	Nevis TPC Readout Electronics Design (SBN-ND-TPCE)(NR)	5/1/15	10/27/17	16149.62	53542.02	0	0	0	$69,692
2367	630	40SBN/2.6.5	TPC Front-End Electronics Installation and Check Out Test (SBN-ND-TPCE)(EI)	6/22/17	11/27/17	0	0	68039.36	32705.54	0	$100,745
110	639	40SBN/2.7	Readout and DAQ (SBN-ND-DAQ)	8/3/15	5/9/18	37266.72	606287.84	721811.87	95132.56	0	$1,460,499
111	640	40SBN/2.7.1	Readout and DAQ Integration Design (SBN-ND-DAQ)(RI)	8/3/15	4/1/16	25788	118492.18	0	0	0	$144,280
1047	658	40SBN/2.7.2	Readout Power Supplies and Cabling Designs (SBN-ND-DAQ)(RS)	9/1/15	10/31/16	11478.72	158086.68	12836.27	0	0	$182,402
1049	681	40SBN/2.7.3	Production of Power Supplies, Cabling and Relay Racks (SBN-ND-DAQ)(RR)	11/1/16	7/31/17	0	0	291235.59	0	0	$291,236
1051	688	40SBN/2.7.4	DAQ Trigger Electronics Integration Design and Installation (SBN-ND-DAQ)(TE)	1/4/16	6/30/17	0	65835.41	79362.66	0	0	$145,198
1053	699	40SBN/2.7.5	Detector Control System (SBN-ND-DAQ)(CS)	1/4/16	6/30/17	0	65835.41	79362.66	0	0	$145,198
1798	710	40SBN/2.7.6	Production of DAQ Test stand (SBN-ND-DAQ)(TS)	2/9/16	6/21/17	0	71766.88	25791.26	0	0	$97,558
2358	715	40SBN/2.7.7	DAQ Software Design and Implemtation (SBN-ND-DAQ)(DI)	4/4/16	5/9/18	0	44130.08	89652.01	54456.44	0	$188,239
2361	718	40SBN/2.7.8	DAQ Harware Specification and Procurement (SBN-ND-DAQ)(SP)	4/4/16	7/7/17	0	82141.22	128336.12	0	0	$210,477
2364	721	40SBN/2.7.9	DAQ Installation and Commissioning (SBN-ND-DAQ)(IC)	7/10/17	5/8/18	0	0	15235.31	40676.12	0	$55,911
113	724	40SBN/2.8	Installation Coordination (SBN-ND-IC)	11/5/15	11/15/18	0	964417.68	341777	145050.79	46451.3	$1,497,697
114	725	40SBN/2.8.1	Near Detector Installation Design (SBN-ND-IC)(ID)	11/5/15	7/6/16	0	567017.95	0	0	0	$567,018
1099	747	40SBN/2.8.2	Near Detector Assembly Facility Setup (SBN-ND-IC)(AF)	1/7/16	11/9/16	0	397399.73	48943.33	0	0	$446,343
1097	759	40SBN/2.8.3	Near Detector Assembly (SBN-ND-IC)(DA)	11/10/16	10/20/17	0	0	168522.39	19391	0	$187,913
1095	790	40SBN/2.8.4	Near Detector Installation (SBN-ND-IC)(DI)	10/31/16	11/15/18	0	0	124311.28	104535.95	46451.3	$275,299
1093	823	40SBN/2.8.5	Warm Detector Commissioning (SBN-ND-IC)(DC)	5/10/18	7/25/18	0	0	0	21123.84	0	$21,124
138	831	40SBN/2.9	Near Detector Cryostat (SBN-ND-C)	1/2/15	12/26/18	72039.08	70552.31	183611.33	75372.45	99161.87	$500,737
141	832	40SBN/2.9.1	Preliminary Design of Near Detector Cryostat (SBN-ND-C)(PD)	1/2/15	12/30/15	72039.08	24318.71	0	0	0	$96,358
253	851	40SBN/2.9.2	Final Design of Near Detector Cryostat (SBN-ND-C)(FD)	11/18/15	5/26/16	0	46233.6	0	0	0	$46,234
255	867	40SBN/2.9.3	Procurement and Installation of Near Detector Cryostat (SBN-ND-C)(P)	11/17/15	2/14/18	0	0	183611.33	0	0	$183,611
257	894	40SBN/2.9.4	Commissioning Cool-down of Near Detector Cryostat (SBN-ND-C)(C)	7/26/18	12/26/18	0	0	0	75372.45	99161.87	$174,534
23	901	40SBN/3	Short Baseline Neutrino Far Detector (SBN-FD)	10/1/14	9/29/17	0	0	0	0	0	$0
75	964	40SBN/4	Short Baseline Neutrino Infrastructure and Installation (SBN-II)	10/1/14	10/22/18	684628	3506005.11	2627365.17	1495556.37	5807.01	$8,319,362
192	965	40SBN/4.1	Program Management (SBN-II-PM)	10/1/14	9/29/17	620480	72817.92	0	0	0	$693,298
193	966	40SBN/4.1.1	FNAL Program Management at CERN (SBN-II-PM)(CR)	10/1/14	9/29/17	169680	0	0	0	0	$169,680
202	991	40SBN/4.1.2	Program Management at FNAL (SBN-II-PM)(F)	10/1/14	9/29/17	450800	72817.92	0	0	0	$523,618
137	1016	40SBN/4.2	Conventional Facilities (SBN-II-CF)	11/20/14	6/1/17	0	0	0	0	0	$0
139	1075	40SBN/4.3	Cryogenic Systems (SBN-II-CS)	10/1/14	10/22/18	64148	2832268.92	1508936.55	251055.86	5807.01	$4,662,216
1862	1076	40SBN/4.3.1	Cryogenics Program Management (SBN-II-CS)(PM)	10/1/14	9/29/17	0	83396.95	85358.68	0	0	$168,756
1896	1102	40SBN/4.3.2	Near Detector Cryogenic Systems (SBN-II-CS)(ND)	3/23/15	10/22/18	64148	1095155.3	649582.92	251055.86	5807.01	$2,065,749
2064	1185	40SBN/4.3.3	Far Detector Cryogenic Systems (SBN-II-CS)(FD)	10/1/15	8/21/17	0	1653716.67	773994.95	0	0	$2,427,712
242	1229	40SBN/4.4	Integration (SBN-II-I)	10/1/14	4/13/18	0	600918.27	1118428.61	1244500.51	0	$2,963,847
243	1230	40SBN/4.4.1	Far Detector Integration & Installation (SBN-II-I)(FI)	10/1/15	4/13/18	0	600918.27	1118428.61	1015424.3	0	$2,734,771
2455	1276	40SBN/4.4.2	Near Detector Integration & Installation (SBN-II-I)(NI)	10/1/14	3/27/18	0	0	0	229076.22	0	$229,076
140	1290	40SBN/4.5	Central DAQ, Computing and Storage (SBN-II-DAQ)	10/1/14	10/1/14	0	0	0	0	0	$0