

# DRAFT - Highway & ITS - Projects Outside of Fiscal Constraint

4/8/2008

Rank	Project Name	Category	Municipality	Description	Cost estimates in 2006 dollars	Previous Time Period
40	SR 26 West College Avenue Widening	Highway	Ferguson Township	<b>CAPACITY</b> - Add 2 travel lanes to West College Avenue from SR 45 to Buckhout Street	\$8,000,000	2019-2022
41	Regional Traffic Management Center	Highway		Develop region-wide TMC to coordinate all traffic information and data gathering systems. The regional TMC may co-locate TMC, Centre County 911, and the Pennsylvania State Police.	\$4,000,000	2019-2022
42	Waddle Road Corridor	Highway	Patton Township	<b>CAPACITY</b> - Add lanes to Waddle Road Widen Waddle Road Bridge (T-528) over SR 322 at SR 322/Toftrees-Woodycrest interchange	\$12,000,000	2019-2022
43	Computer Aided Reservation, Scheduling and Dispatch (CARSD)	Highway		Implement system for demand responsive transit services with the capability to manage multiple functions under one system. It will improve efficiency and reduce fleet operating costs.	\$500,000	2019-2022
47	Alternate SR 220 corridor improvements from Martha's Furnace to Wingate	Highway	Huston Township, Unionville Borough, Worth Township	Improvement to SR 220 North at: 1. Just north of Yeager Hollow Road (vertical/horizontal alignment) 2. Near Beaver Road in Julian (Vertical alignment and turning lane) 3. South of Julian near Silverdale Road (Vertical alignment)	\$10,000,000	2023-2026
50	Presqueisle Street from North Centre Street to 13th Street	Highway	Philipsburg Borough	Install a new traffic signal at 9th Street intersection with Presqueisle Street if warranted	\$500,000	2023-2026
51	Airport Connector Road	Highway	Benner Township College Township	Improve access to University Park Airport, including a new Airport Connector Road between Penn State Innovation Park and Fox Hill Road	\$25,000,000	2023-2026
52	SR 350 Connector (Philipsburg)	Highway	Philipsburg Borough	<b>CAPACITY</b> - Construct bypass or connector to divert truck traffic from SR 350 in Downtown Philipsburg on either the East or West side of the Borough	\$40,000,000	2027-2030
55	Turning lane on Atherton Street between College Avenue and Beaver Avenue	Highway	State College Borough	Add a 5th, turning lane on Atherton Street between College Avenue and Beaver Avenue	\$1,000,000	
57	Business Route 322/SR 45/Warner Boulevard Intersection	Highway	Harris Township	Install left turn arrows (short term) and offset opposing left turn lanes (long term). Utilize existing overall roadway width, reconfiguring medians and islands. Install new mast arms, signal heads and controller.	\$1,000,000	
60	Park Avenue and Orchard Road Intersection	Highway	College Township	Install signal if warranted	\$500,000	
62	Atherton Street Corridor South Allen Street to University Drive	Highway	State College Borough	Implement intersection upgrades at Atherton Street and South Allen Street Install center left turn lane on Atherton Street from South Allen Street to University Drive State College Borough is currently working to replace the South Allen Street signal	\$7,000,000	
63	SR 26 segment 80/SR 45 East Intersection Improvement	Highway	Ferguson Township	Realign the intersection (SR 45) and provide left turn lane on SR 26. Project will include utility pole relocations, possible structural widening, new signals and required right of way acquisition	\$1,500,000	
65	SR 64 and SR 550	Highway	Walker Township	Construct center turn lane and utilize curbing to control business access points.	\$1,500,000	

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66	Fox Hollow Road and Bernel Road	Highway	Patton Township	Reconstruct intersection to a standard "T" intersection.	\$1,000,000	
67	SR 550 Widening (Bellefonte/Spring Township)	Highway	Bellefonte Borough & Spring Township	Add 2 lanes west of I-99/SR 550 interchange into Bellefonte Borough	\$2,000,000	
68	SR 45 Turning Lane at Penns Valley Schools/Medical Center	Highway	Penn Township	Construct a turning lane on SR 45 at the Penns Valley Elementary & High School	\$1,500,000	
69	Branch Road Intersection with Atherton Street	Highway	College Township	Realign the intersection to provide cross intersection rather than offset legs. Will require utility pole relocations, new signal and required right-of-way acquisition and relocations.	\$5,000,000	
69	<b>NOTE 3:</b> University Drive/Whitehall Road lane addition	Highway	Ferguson Township, College Township and State College Borough	Add 2 lanes between South Atherton Street and West College Avenue	\$6,000,000	
73	Howard Street at Wilson Street	Highway	Bellefonte Borough	Lay back slope. Involves right-of-way acquisition (taking of residence)	\$500,000	
74	Automated Route Diversion	Highway		Expand current static CD-ROM to include real-time dynamic route diversion for I-80 and I-99.	\$1,000,000	
75	Event Management Plan for PSU	Highway		Develop an event management plan for Penn State University area, which identifies technologies that may serve the transportation system.	\$1,000,000	
79	En-route Traveler Information Phase 1	Highway		Deploy traveler information devices (e.g., Dynamic Message Signs, Highway Advisory Radio) at key locations and junctions. Potential locations include: - PA 26 in Centre County (Pleasant Gap and State College) - I-80 in Centre County (Exit 158)	\$1,000,000	
81	Traffic Monitoring Phase 1	Highway		Deploy traffic monitoring devices (e.g. Closed Circuit Television cameras) at key locations and junctions. Potential locations include: - PA 26 in Centre County (Pleasant Gap, Rockview, and State College); - I-80 in Centre County (Exit 158) - I-99 in Centre County (Bellefonte Exit).	\$500,000	
82	SR 350 Traffic Study	Highway	Philipsburg Borough	Evaluate conceptual improvements that provide safer routes for trucks currently utilizing SR 350	N/A	
83	SR 144 Mill Street to Linn Street	Highway	Bellefonte Borough	Engineering study to review traffic diversions and improve traffic flow in downtown Bellefonte	\$500,000	
84	Mid-State Airport access road	Highway	Rush Township	Develop a new access road from the Mid-State Airport to/from Corridor O-1	\$40,000,000	
85	Correct flooding issues at Presqueisle Street (Install inlets)	Highway	Philipsburg Borough	Correct flooding issues at: Presqueisle Street (Install inlets)	\$500,000	
86	East Branch Road/Pike Street Traffic Calming	Highway	College Township	Traffic calming solutions on SR 3011 (East Branch Road and Pike Street)	\$500,000	
88	SR 45 and Smithtown Gap Road (T-455) intersection	Highway	Penn Township	SR 45 and Smithtown Road (T-455) Intersection needs improved due to poor visibility	\$500,000	

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89	<b>NOTE 3:</b> South Atherton Street Widening	Highway	State College Borough	Add 2 lanes between Beaver Avenue and Westerly Parkway	\$4,000,000	
90	SR 45 (Boal Avenue) between Main Street and Church Street	Highway	Harris Township	Reconfigure intersection and install signal if warranted	\$500,000	
91	SR 45 Turning Lane at Burkholder's Country Market	Highway	Penn Township	Construct a turning lane on SR 45 at the Burkholder's County Market	\$1,000,000	
93	College Avenue Flooding Mitigation	Highway	College Township	Mitigate stormwater flooding on SR 26 (East College Avenue) near Clark Motors/Your Building Center	\$500,000	
93	Integrated Roadway Weather Information Center	Highway		Integrate Highway Advisory Radio (HAR) and Dynamic Message Signs (DMS) with existing Roadway Weather Information System (RWIS). As part of integration, add road surface temperature to DMS messages. Note: This effort should be coordinated with the PennDOT Bureau of Maintenance and Operations.	\$500,000	
95	SR 550 Widening (Halfmoon/Patton)	Highway	Halfmoon Township & Patton Township	Add 2 lanes between Village of Stormstown and SR 322	\$7,000,000	
96	Airport Connector Road Extension	Highway	Patton Township and Benner Township	Extend new 2 lane road between Fox Hill Road and SR 550	\$3,000,000	
97	SR 64 Center Turning Lane	Highway	Walker Township	If SR 64 widening does not occur, add a 3rd lane for turning movements and provide paved shoulder to accommodate Amish Buggies	\$2,000,000	
98	<b>NOTE 1:</b> SR 26 South of Pine Grove Mills	Highway	Ferguson Township	Add truck climbing lanes between Pine Grove Mills and Huntingdon County	\$5,000,000	
99	SR 550 & Forest Avenue Intersection Improvements	Highway	Walker Township	SR 550 (Zion Road) and SR 1005 (Forest Avenue) - Install traffic signal	\$500,000	
100	<b>NOTE 3:</b> University Drive Widening	Highway	College Township and State College Borough	Add 2 lanes between Curtin Road and Easterly Parkway	\$4,000,000	
102	SR 26 (Pine Grove Mountain)	Highway	Ferguson Township	Roadway improvements including placing centerline rumble strips the entire length of the mountain, new signage, upgraded guiderail and improved drainage.	\$30,000,000	
103	Hubler Ridge Road (SR 1010 segment 0030) improvements	Highway	Marion Township	Substandard horizontal and vertical geometry (Hubler Ridge Road) SR 1010 segment 0030, offset 1220 to 2600	\$500,000	
104	SR 550/Airport Road Intersection	Highway	Bellefonte Borough	Install traffic signal and control islands	\$500,000	
106	SR 26 Pine Grove Mills Bypass	Highway	Ferguson Township	New 2 lane road between existing SR 26 south of Pine Grove Mills to SR 26/SR 45 East (Shingletown Rd) intersection	\$30,000,000	
107	SR 550 from Stormstown to Carson's Corner	Highway	Halfmoon Township	Roadway improvements that reduce congestion and improve safety on SR 550 between Stormstown and Carson's Corners (intersection of SR 550 and SR 322)	\$1,000,000	

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110	SR 144/Short Road/Bible Road Intersection	Highway	Potter Township	Align Short Road with Bible Road, which would bring Short Road out more perpendicular with SR 144 and eliminate sight distance issues. This would involve a new bridge structure, utility pole relocation and Right of Way acquisition	\$1,500,000	
111	SR 64 Widening	Highway	Walker Township	Widen SR 64 to four lanes from SR 550 to the Clinton County Line	\$17,000,000	
112	Valley View Road pavement and drainage improvements	Highway	Benner Township	Improve pavement and drainage along SR 3008 (Valley View Road)	\$1,000,000	
113	SR 144 and Greens Valley Road	Highway	Spring Township	Improve sight distance by cutting slopes	\$500,000	
113	Valley Vista Drive/Science Park Road Corridor	Highway	Patton Township & Ferguson Township	Add 2 lanes between West College Avenue and North Atherton Street	\$7,000,000	
117	Firehall Road and Water Street (SR 2012) Intersection	Highway	Gregg Township	Convert the Firehall Road and Water Street (SR 2012) intersection in Spring Mills to a standard "T" design. Project should also include pedestrian improvements/sidewalks through the village. Project will entail cutting of the embankment and possible utility relocations	\$1,000,000	
118	SR 45 Rimmey Road/Hoot Road Intersection	Highway	Potter Township	Realign Hoot Road to make a four way intersection at Rimmey Road	\$500,000	
119	Interstate 80 - Gorton Road Interchange	Highway	Rush Township	Construct a new diamond interchange off of Interstate 80 at approximately mile marker 140 to connect to Gorton Road. The interchange to be funded by the developer of the proposed Rush Township landfill/industrial park.	\$30,000,000	
120	SR 45 Linden Hall Road/Elks Club Road	Highway	Harris Township	Realign Elks Club Road with Linden Hall Road to improve sight distances	\$1,000,000	
121	SR 26 North - Beaver Avenue Relocation	Highway	State College Borough	New 2 lane road between High Street and East College Avenue	\$1,000,000	
122	Buggy Lanes on State SR 45 and 192	Highway	Gregg Township	Buggy Lanes from Centre Hall to Laurelton area to safely accommodate Plain Folk transportation through the area. SR 192 could be looked at for the same improvement	\$500,000	
126	Old Gatesburg Road Extension Widening	Highway	Ferguson Township	Add 2 lanes between Science Park Road and the Western Inner Loop	\$1,000,000	
127	Realign Harrison Road at Blanchard Street and Irish Hollow Road near the Spring Township Municipal Building	Highway	Spring Township	Realign T-430 (Blanchard Street & Harrison Road) between T-425 (Irish Hollow Road) near the Spring Township Municipal Building and SR 26	\$1,000,000	
128	SR 192 Safety Improvements Study	Highway	Potter Township	Implement roadway safety improvements on SR 192	\$500,000	
129	University Drive Northbound entrance ramp onto East College Ave.	Highway	State College Borough	Improve the sight distance at the University Drive Northbound entrance ramp onto East College Ave.	\$500,000	
130	Toftrees Avenue Widening	Highway	Patton Township	Add 2 lanes between Cricklewood Drive and Waddle Road	\$1,000,000	
131	<b>NOTE 3:</b> Blue Course Widening	Highway	Ferguson Township and State College Borough	Add 2 lanes between College Avenue and Whitehall Road	\$3,000,000	
132	Harrison Road Relocation between I-99 and SR 26	Highway	Spring Township	Harrison Road Relocation between I-99 and SR 26	\$5,000,000	

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133	Toftrees Avenue Extension	Highway	Patton Township	New 2 lane road between Waddle Road and I-99/Grays Woods Boulevard Interchange	\$20,000,000	
134	Black Hawk Gap Road intersection with SR 144	Highway	Spring Township	Improve sight distance at SR 144 and Black Hawk Gap intersection	\$500,000	
135	Circleville Road from Valley Vista Drive to Gray's Woods	Highway	Ferguson Township	Improve Circleville Road from Valley Vista Drive to Gray's Woods	\$500,000	
136	SR 144 and First Street	Highway	Centre Hall Borough	Close First Street. This would involve the construction of a cul-de-sac, placing curb along SR 144 and Right-of-Way acquisition	\$500,000	
138	Grays Woods Boulevard	Highway	Patton Township	Add 2 lanes between Grays Woods Planned Community and I-99/Grays Woods Boulevard Interchange	\$2,000,000	
139	Blue Course Drive Extension	Highway	Ferguson Township and State College Borough	New 2 lane roadway between Whitehall Road and SR 45	\$10,000,000	
140	Improve storm drainage along SR 1008 (Howard Street)	Highway	Bellefonte Borough	Improve storm drainage along SR 1008 (Howard Street)/SR26	\$500,000	
142	<b>NOTE 2:</b> Halfmoon/Patton Collector Road	Highway	Halfmoon Township and Patton Township	New road - Halfmoon Township to Grays Woods Boulevard	\$25,000,000	
143	McCartneytown/Mount Eagle Access Road	Highway	Boggs Township	Construct a new limited access two lane roadway to service McCarneytown and Mount Eagle and widen or replace the existing one lane bridge located at Curtin Village	\$5,000,000	

**NOTE: The following projects are shown in the LRTP as "Projects for Future Consideration."**

**These projects are outside of fiscal constraint for the LRTP.**

<b>Project for Future Consideration</b>	Route 26/I-80 Exit 163 Local Access Interchange (MPMS #: 51466)	Highway		Construction of Route 26/I-80 Exit 163 Local Access Interchange (MPMS #: 51466)	\$45,240,000 (2009 estimate)	2007-2010
<b>Project for Future Consideration</b>	I-99/I-80 Exit 161 High Speed Interchange (MPMS #: 3142)	Highway		Construction of I-99/I-80 Exit 161 High Speed Interchange (MPMS #: 3142)	\$110,864,000 (2010 estimate)	2007-2010

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Rank	Project Name	Category	Municipality	Description	Cost estimates in 2006 dollars	Previous Time Period
Project For Future Consideration	South Central Centre County Transportation Study	Highway	Location to be determined	Transportation Improvements between Seven Mountains and Interstate 80	PE - \$15,000,000 FD - \$20,000,000 U/R - \$25,000,000 <u>C- \$250,000,000</u> Total - \$310,000,000	
Project For Future Consideration	SR 322 Corridor O-1	Highway	Rush Township, Worth Township	4 lane limited access highway from Port Matilda to I-80, as per Environmental Evaluation Report	FD - \$55,000,000 U/R - \$20,000,000 <u>C - \$500,000,000</u> Total- \$575,000,000	

*NOTE 1*	Ferguson Township Officials have indicated that this project should not be considered further
**NOTE 2**	Halfmoon Township has indicated that the project <u>should</u> continue to be evaluated, Patton Township has indicated that this project <u>should not</u> be considered further.
***NOTE 3***	State College Borough has indicated that these projects should not be considered further