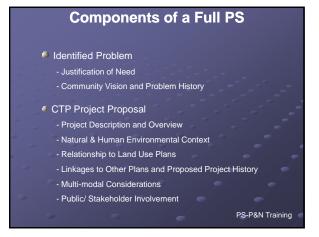
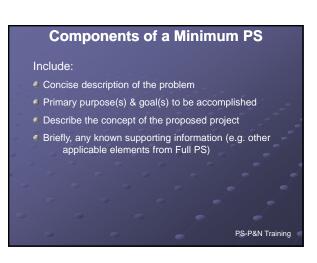


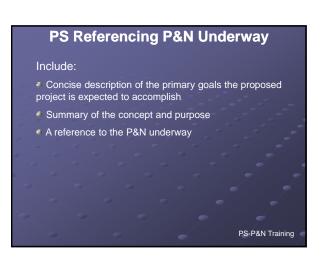
PS Basics WHY, what, who, when, how FHWA "Linking Planning & NEPA" SAFETEA-LU: Statewide Transportation Planning and Metropolitan Transportation Planning (23 USC Section 134, 135) Appendix A of 23 CFR Part 450: Linking the Transportation Planning and NEPA Processes Environment and Planning Linkage Processes Legal Guidance



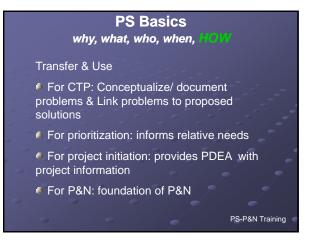
PS Basics W/LY, what, who, when, how 23 CFR 450.212, .318, & Appendix A "The results or decisions of these transportation planning studies may be used as part of the overall project development process consistent with NEPA..." - P&N or goals & objective statements - General travel corridor and/ or mode(s) definition - Basic description of environmental setting - Preliminary identification of environmental impacts & mitigation

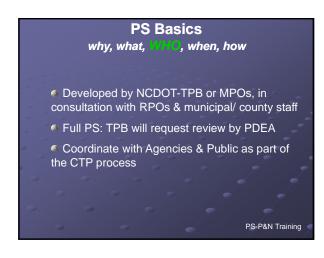


PS Basics why, WHAT, who, when, how Full PS Minimum PS PS that References a P&N Underway or Completed PS-P&N Training



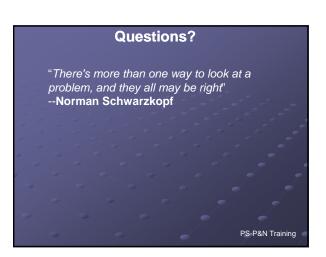
PS Basics why, WHAT, who, when, how Criteria for selecting projects for Full PS: Time Frame - 5-year Work Program and STIP* - 10-year Work Program - Closest interim years, project priorities list Scope - major new location, major multi-lane widening, major projects other modes

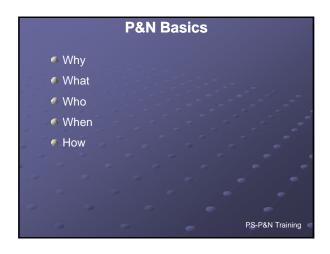




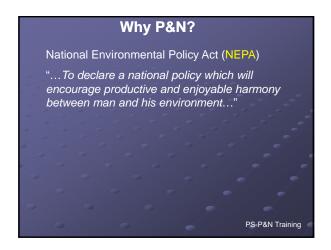


PS Basics why, what, who, WHEN, how During CTP development (documented as part of CTP report) Upon Request by PDEA (if CTP has less than full PS & for areas TPB has provided planning assistance in the past)

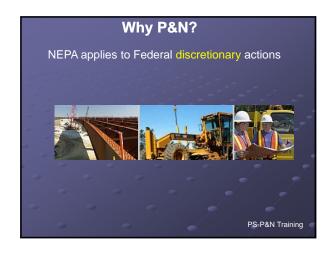


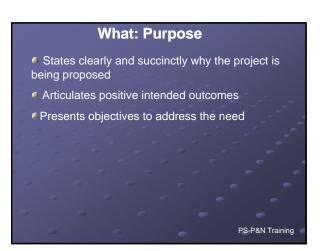








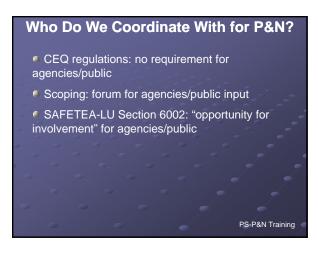




What: Primary v. Secondary Purpose To communicate the full range of factors considered in decision-making: A primary purpose is a "driver" of the project (a fundamental reason for the project) A secondary purpose ("other desirable outcome") is desirable, but not a core purpose

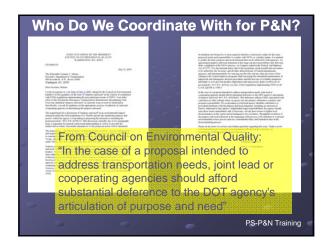
Who Develops P&N? Responsibility rests with the lead Federal agency preparing the NEPA document For Federal-aid projects, the lead Federal agency is FHWA (NCDOT through Stewardship Agreement)

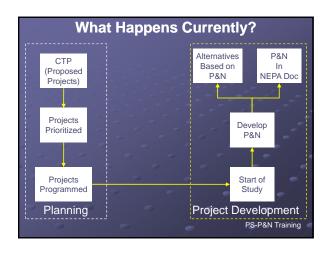
Exercise Which alternative(s) meet PS or P&N?							
		PP#1	PP#2	ODO#1	ODO#2		
	Alt 1	N	Υ	Y	N	-	
0	Alt 2	Y	Y	N	Y		
	Alt 3	Y	Y	N	N	,	
Ø	Alt 4	Y	N	Y	Y		
	PS-P&N Ti				PS-P&N Tra	ining	

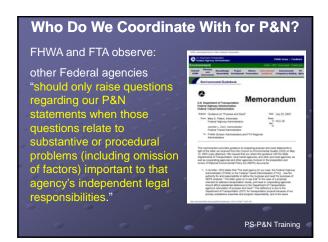


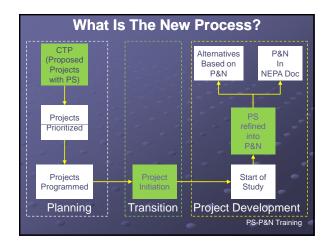
What: Purpose Avoid stating the purpose as a solution: The purpose is to widen the road to 4 lanes? The purpose is to replace the bridge? Avoid the "kitchen sink" approach

SAFETEA-LU Section 6002: joint lead agencies (JLA) share FHWA's authority to define the P&N Disagreement between JLA must be resolved JLA consider input from agencies/public, but ultimately decide on P&N

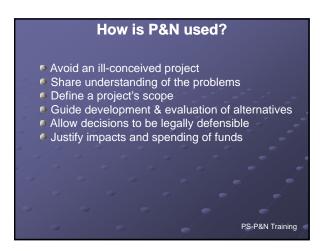


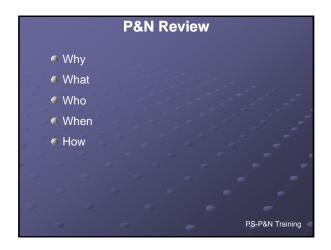




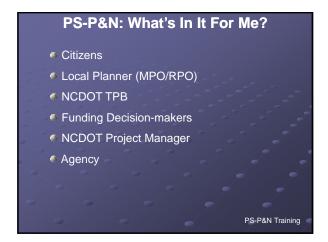


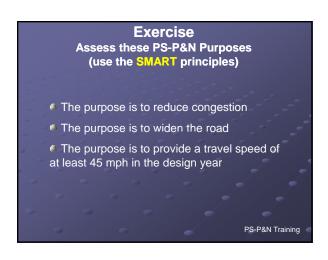
Who Do We Coordinate With for P&N? The Merger process calls for "concurrence" by all agencies represented on individual project teams at various environmental milestones (with P&N being the first milestone) "Concurrence" is defined as: "I do not object to the proposed action based on the laws and regulations of my program and agency."



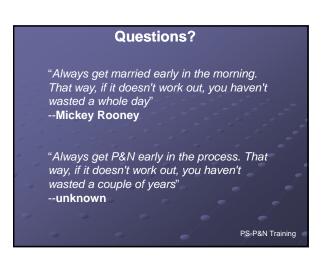


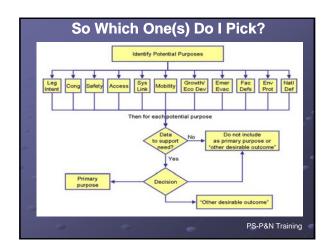






So What's The Difference? Data: possible differences in level of detail and/ or age Public/ Agency Involvement: only required for P&N for EIS, no formal agreement or concurrence on PS PS contains additional information, particularly the CTP Project Proposal section



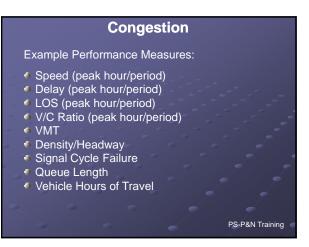


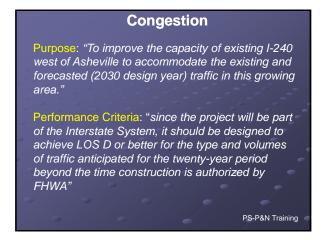




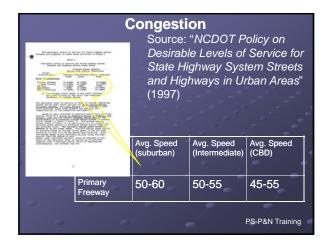


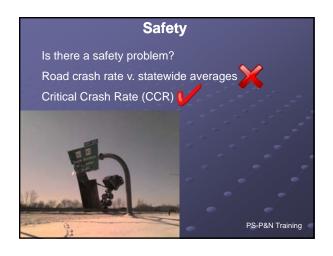


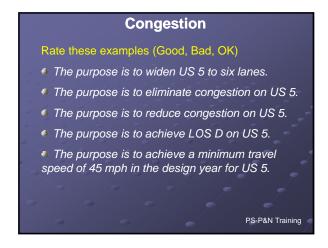




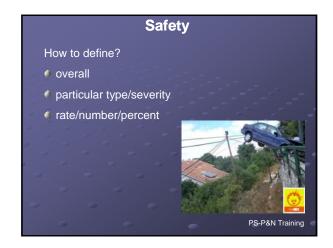


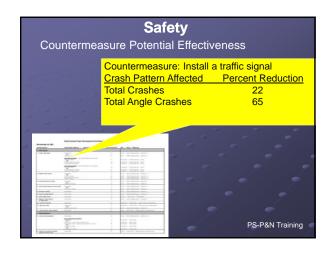


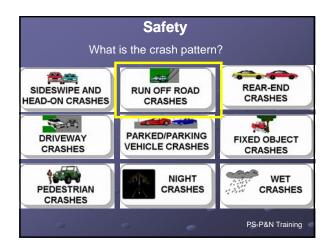








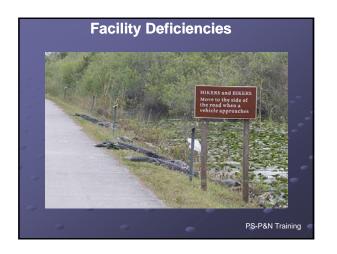


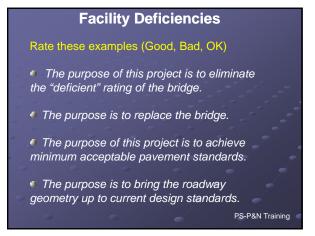


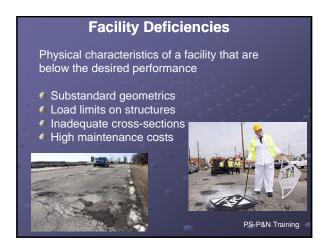


Safety						
Possible Cause	<u>Countermeasure</u>					
Slippery Pavement	Overlay existing pavement Provide adequate drainage Groove existing pavement Reduce speed limit "Slippery When Wet" signs					
Poor Delineation	Install pavement markings Install roadside delineators Install advance warning signs					
	PS-P&N Training					





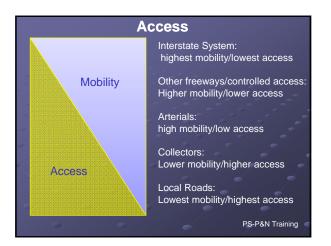


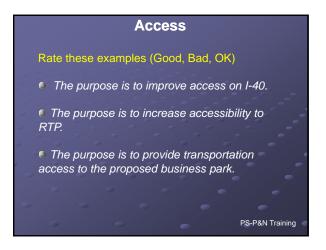












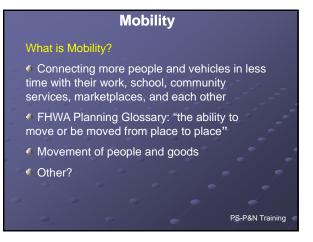


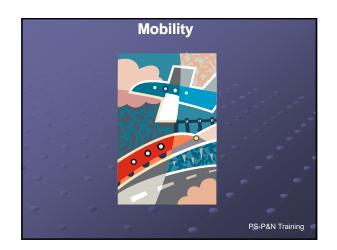






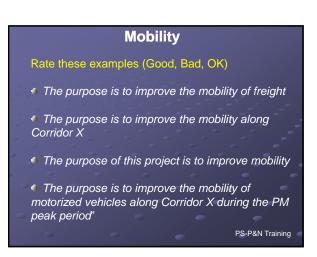
System Linkage Rate these examples (Good, Bad, OK) The purpose is to link I-40 and I-74. The purpose is to link the roadway network with the proposed passenger rail station. The purpose is to link the mainland transportation system with the Outer Banks transportation system.

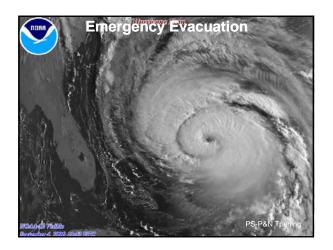


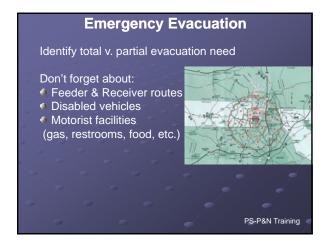


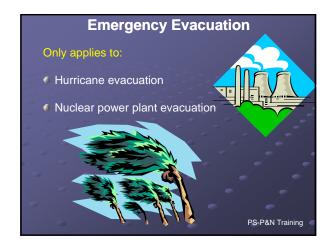


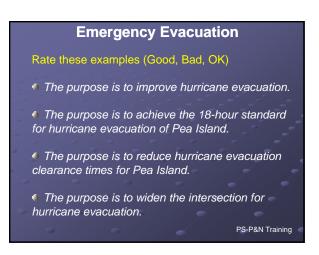
Mobility What is Mobility? Connecting more people and vehicles in less time with their work, school, community services, marketplaces, and each other FHWA Planning Glossary: "the ability to move or be moved from place to place" Movement of people...

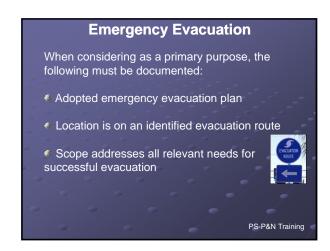










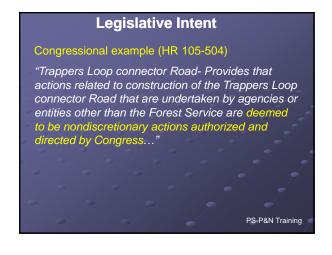




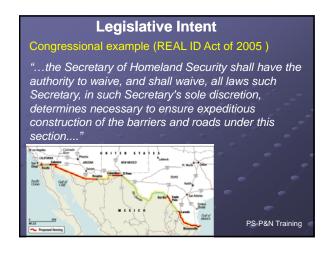
Possible Purposes Transportation Other Goals/Objectives Congestion Legislative Intent Safety Environmental Protection Facility Deficiencies Growth/Economic Development Access National Defense/Security System Linkage Mobility Emergency Evacuation

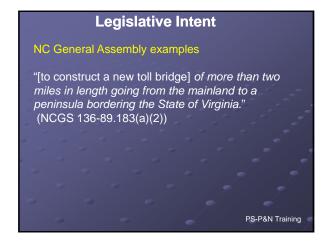


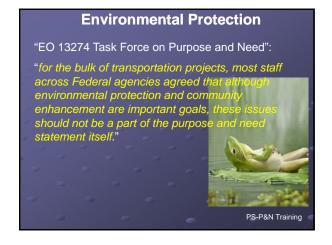




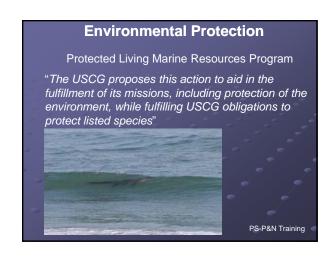


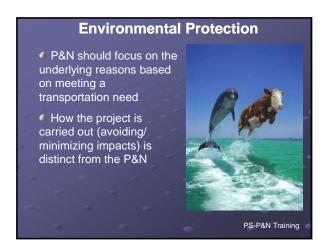








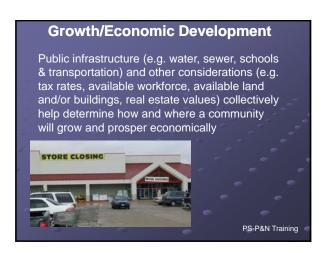
















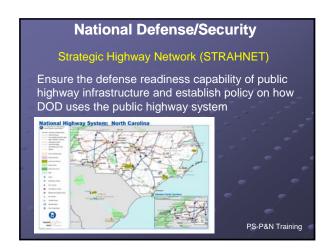


Rate these examples (Good, Bad, OK) The purpose of the project is to promote growth/land use. The purpose is to provide needed transportation infrastructure to support community growth objectives as identified in [title of a plan]. The purpose is to provide needed transportation infrastructure to support community growth objectives for the US 5 corridor, as identified in [title of a plan].

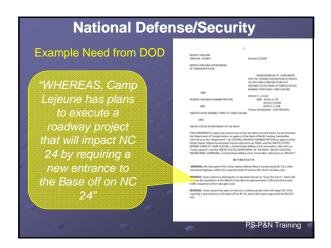


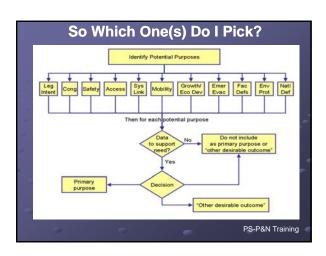












National Defense/Security Installation Purpose Example: The DOD eliminated public access to Beulah Street and Woodlawn Road within Fort Belvoir following events of 9.11.01

"The purpose...is to replace the once-public access provided by VA Route 618 (Woodlawn Road) and VA Route 613 (Beulah Street) between U.S. Route 1 and VA Route 611 (Telegraph Road)...The project purpose is to offer replacement connectivity compatible with force protection concerns."

PS-P&N Training

Questions? "What I hear, I forget. What I see, I remember. What I do, I understand." -- Kung Fu Tzu (Confucius)

So Which One(s) Do I Pick?

- Understand how the project was conceived
- Develop a range of potential purposes
- Analyze each potential purpose to determine if there is a well-defined and well-supported need
- Choose one:
 - primary purpose
 - "other desirable outcome"
 - do not include

Note: there needs to be at least one primary purpose and all it takes to justify a project is one primary purpose

PS-P&N Training

Summary/ Wrap- Up Connecting PS and P&N What's My Role? Learning Outcomes Review

