

8<sup>th</sup> Annual ACPA Workshop  
CPQI Committee Update  
January 30<sup>th</sup>, 2007

**Base Team**

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**The Team is comprised of the following members :**

**Dan Davis, KCI**  
**Jay Taylor, HiWay Paving**  
**Jim Kyper, New Enterprise**  
**Zahur Siddiqui, FHWA**  
**Robert Johnson, District 3-0**  
**John Becker, ACPA**  
**Dan Dawood, CO - BOMO**

## Base Team

The Base Teams was first created to evaluate Dense Graded Bases such as HMA base course

The current task of the Base Team is to develop a Granular Permeable Base (GPB) which can be used on short or limited concrete paving operations

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The following are some uses of GPB:

- Short approach paving on Bridge projects
- CPR projects where subbase may require replacement
- Limited paving operations, i.e., intersections, limited widening, etc.

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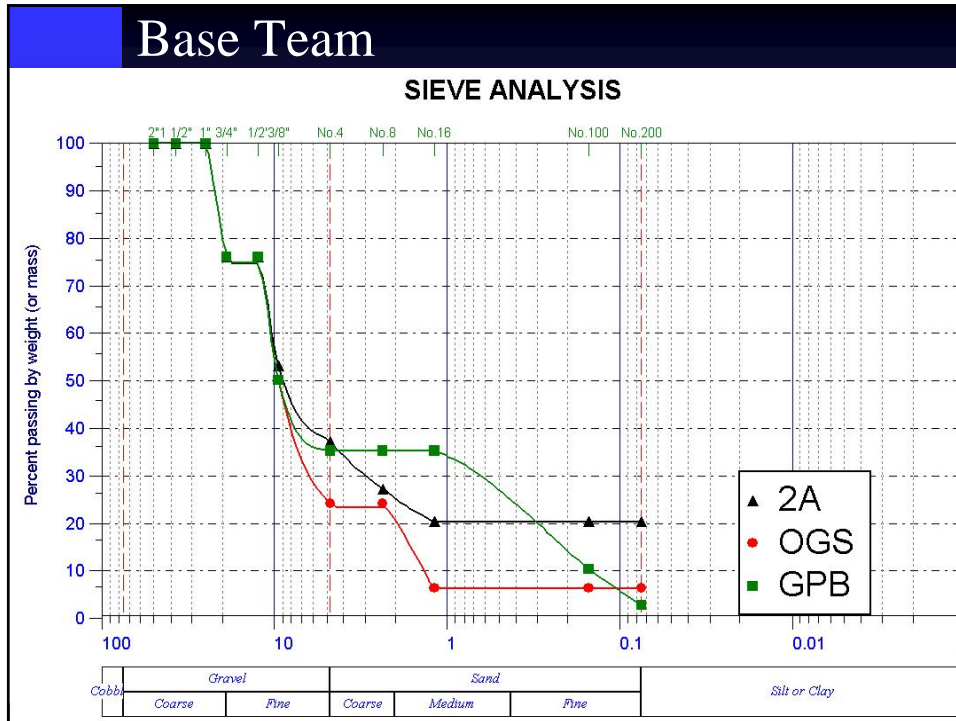
What is GPB ?

**It is a Granular Permeable Base layer designed to allow drainage, while still providing a base which can be compacted to provide a stable platform**

## Base Team

Some properties of GPB:

- **“cleaner” than a PennDOT 2A gradation**
- **More fines than an OGS gradation**
- **Standard Proctor Density can be achieved from this gradation**
- **Requires a minimum of a Type B aggregate**



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#### What is the status of the GPB ?

- **CT was reviewed and approved by CPQI Committee**
- **CT Round 1 was sent out and many comments received**

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### Most common comments to CT:

- **OGS was omitted in CT**
- **Issues with compaction requirements**
- **Issues with adding water to achieve compaction**
- **Need for GPB**

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### Future Work:

- **GPB CT Round 1 will be re-issued in February 2007**
- **Will be placed on a pilot project as an experimental feature in 2007**
- **Round 2 CT will be issued in April 2007**
- **To FHWA in May 2007**

**QUESTIONS ?**

