

**Special Committee to Study and Make Recommendations
Regarding Truck Traffic and Freight Movements
Along SR 41, SR 48 & SR 7**

The matrix below documents ideas and approaches to address issues raised by the Committee at Special Committee Meeting #3 on September 13, 2017, as well as those received from Committee members as of September 22, 2017 regarding Senate Resolution #10. The ideas have not been editorialized or vetted by the project team. In a few cases, the text was edited for clarity. Any errors or omissions are unintentional.

Each of the ideas received has been categorized based on the stated purpose and role of the Special Committee. Per Senate Resolution #10, the Special Committee shall study and make recommendations regarding:

1. How to reduce the number of trucks traveling along SR 7, SR 41 and SR 48; and
2. Any improvements in engineering, infrastructure, education and enforcement that can improve the quality of life for those that live along these roadways.

Ideas Matrix

SR 10 Directive	Ideas/Approaches
I. Reduce the number of trucks traveling along SR 41, SR 48, and SR 7	<ol style="list-style-type: none"> 1. Conduct interagency study for a bypass between US 1 and I-95 2. Re-evaluate feasibility of passenger and freight rail spur from Wilmington that parallels the SR 41 corridor 3. Build dedicated freight line along the NE corridor from Perryville, MD to Newark, DE 4. Toll travel along SR 7, SR 41, and SR 48 5. Toll travel along other DE state roads 6. Establish Alternate routes for trucks during assigned time frames 7. Establish routes for loaded vs. unloaded trucks 8. Require northbound trucks to take a different route and southbound trucks to take SR 48 9. Provide incentives to trucks that switch to US 1, US 30, and US 202 10. Re-direct truck traffic from the Port 11. Install signs at the Port directing trucks to use I-95 12. Make improvements to SR 896 13. Create a road parallel to SR 896 for trucks <p><i>Any others?</i></p>
II. Improvements in engineering, infrastructure, education and enforcement that can improve the quality of life for those that live along SR 41, SR 48, and SR 7	
<i>II.A. Engineering / Infrastructure</i>	<ol style="list-style-type: none"> 1. Re-install signs that were originally installed in July 2016 and removed in December 2016 directing Lancaster-bound truck traffic to use SR 48 2. Do not install signs directing trucks to any specific road (keep current state) 3. Perform a Road Safety Audit 4. Establish reduced school speed limit zone with 25 mph speed limit near Cooke Elementary School and install appropriate signs, including a Speed Limit Sign Beacon 5. Establish differential speed limits for trucks and cars 6. Establish lower speed limits 7. Provide greater uniformity of speed limits along all three roads

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<p><i>II.A. Engineering / Infrastructure (continued)</i></p>	<ol style="list-style-type: none"> 8. Restrict trucks to right lane only 9. Establish curfew for trucks during nighttime hours <ol style="list-style-type: none"> a. 12:00 pm to 5:00 am b. During rush hour c. 10:00 pm to 6:00 am 10. Restrict vehicles to 3-axles and/or 54,000 lbs GVW on SR 41 between SR 41/SR 48 split and SR 2 11. Restrict vehicles to 7,000 lbs 12. Impose a truck ban 13. Offer commercial re-zoning of housing too close to the roadway 14. Create buffer zone along routes using open recreational areas, bicycle paths, bus stop parking 15. Establish state funded program to purchase existing housing too close to roadway 16. Extend bus routes along SR 7, SR 41, and SR 48 into Chester County, PA 17. Develop and use low noise road surface specification 18. Erect sound barriers 19. Provide dirt berms with planted trees and shrubs 20. Relocate existing engine compression brake prohibition signs 21. Install engine compression brake prohibition sign with flashing beacons at PA state line 22. Install traffic signals to slow down and/or deter trucks <ol style="list-style-type: none"> a. SR 48 and Old Wilmington Road b. SR 48 and Hercules Road c. SR 48 and Courtney Road d. SR 48 and Harlech Drive / Hedgegrow Place e. SR 48 and Old Hobson Farm 23. Do not install additional traffic signals 24. Modify signal timings to account for trucks 25. Install RED SIGNAL AHEAD WHEN FLASHING signs 26. Install advance warning signs, with or without flashing beacons, to warn drivers of upcoming blind spots, unexpected curves, large hills, and lane drops <ol style="list-style-type: none"> a. SR 48 near Canterbury Hills b. SR 48 from Centerville Road towards Hercules Road 27. Install sign, with or without flashing beacons, informing drivers of 60-foot length limit <ol style="list-style-type: none"> a. SR 41 near PA state line b. SR 7 near PA state line 28. Install END 48 sign at SR 41/SR 48 split in westbound direction 29. Install YOUR SPEED XX MPH signs 30. Install street lights on SR 48 between Hercules Road and Old Wilmington Road

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Ideas Matrix

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<p><i>II.A. Engineering / Infrastructure (continued)</i></p>	<ol style="list-style-type: none"> 31. Remove or prune large tree limbs <ol style="list-style-type: none"> a. SR 48 between Loveville Road and SR 41 b. SR 48 between Loveville Road and Hercules Road 32. Ensure signs are not covered up 33. Install acceleration and deceleration lanes 34. Expand and/or improve shoulders 35. Install traffic calming devices 36. Provide spot improvements at any intersections operating at LOS C or worse 37. Widen SR 41 to four lanes 38. Widen SR 48 to four lanes 39. Widen SR 7 to six lanes 40. Upgrade secondary roads to provide relief to the SR 7, SR 41, and SR 48 corridors 41. Do not use rumble strips <p><i>Any others?</i></p>
<p><i>II.B. Education</i></p>	<ol style="list-style-type: none"> 1. Develop school program for teens taking Drivers' Ed/Novice Drivers class to study the features of each road and their safety challenges 2. Pair elder drivers from Cokesbury Village and/or other local facilities with young drivers to study the features of each road <p><i>Any others?</i></p>
<p><i>II.C. Enforcement</i></p>	<ol style="list-style-type: none"> 1. Pass legislation to enable, then install, speed cameras 2. Provide additional enforcement of existing speed limits 3. Install portable/virtual truck weigh stations 4. Increase weight and size enforcement at the DE state line 5. Establish Initial Entry Control Point (IECP) at DE/PA state line to stop trucks and check log books and weights 6. Add weigh stations in DE 7. Enforce 60-foot length limit 8. Increase the number of truck inspections 9. Increase ticketing 10. Use electronic tickets 11. Enforce noise level limits 12. Provide stricter inspections and enforcement of vehicle noise abatement equipment laws/standards 13. Provide strict enforcement of engine compression brake prohibition 14. Establish method for reporting noise level infractions and muffler issues 15. Continue enhanced enforcement on SR 41 and SR 48 16. Expand enhanced enforcement to SR 7 <p><i>Any others?</i></p>

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III. Miscellaneous suggestions	<ol style="list-style-type: none"> 1. Perform forensic vibration tests for any resident who requests one and lives within 50 feet of SR 41 2. Offer state sponsored home noise reduction surveys 3. Establish SR 7, SR 41, and SR 48 “stickers” similar to International Fuel Tax Agreement (IFTA) 4. Implement “special use” or “restricted use” licenses of permits for class 6, class 7, and/or class 8 trucks on SR 7, SR 41, and SR 48 5. Divert the problem upstream in PA 6. Convince PA to reduce tolls on the PA turnpike 7. Add weigh stations in PA 8. Provide weight and size enforcement at White Clay Point in PA 9. Use a flash drive that can show images of speeding trucks 10. Create Citizens’ Truck Watch 11. Develop electronic noise infraction tickets 12. Develop and install colorful, glow-in-the-dark guardrails 13. Conduct letter writing campaign to trucking companies 14. Cover ears and make “silent scream” faces whenever loud trucks drive by 15. Install Warning Signal Ahead sign near existing RED SIGNAL AHEAD WHEN FLASHING sign south of Centerville Road and Greenbank Road <p><i>Any others?</i></p>