

DATE: July 23, 2018

SUBJECT: Scoping Field View Notes – Mars RR Bridge West Expansion

FROM: Mark Rozich P.E., Project Manager
Engineering District 10

A scoping field was held on 7/23/2018 for State Route 228, Section 29D ECMS # 92908. The project is primarily a capacity adding and safety improvement project. The roadway will provide 2 through lanes in each direction and turn lanes at appropriate locations including the side roads. The following items were discussed:

- Mark Rozich explained the history of the project and how much of the alignment and associated environmental impacts have already been considered. The group needs to understand what has already been done and focus on what has changed.
- Eric Meyer gave a brief overview project and provided a handed out of options investigated during the traffic study phase.
- There is one section that will accommodate pedestrians along SR 228 between Castle Creek Drive and Adams Shoppes. Craig indicated that widened shoulders is not acceptable for pedestrian access and the sidewalk should be protected.
- Franklin Road Intersection was discussed. The anticipated work is widening for dual left turns and that would require Franklin Road be widened to accept dual lefts. Additional discussions are needed with Cranberry township concerning the intersection and future planned work by the township or developers on Franklin Road.
- It was questioned if Roundabouts were investigated for the intersections. They were evaluated and was dismissed By the District. The volume of traffic is high and was not consistent with the two other ongoing projects. On the corridor.
- There are planned turn-arounds at Myoma and Beaver Street Ext. it was noted that the turn-arounds should be designed for all design vehicles. It was questioned if both turn-arounds are required. The District will evaluate the need for the turn-arounds and get back to WRA. Kevin indicated that there is a development proposed at one of the suggested turn-around locations and that significant R/W costs could result.
- Carla stated that SUE should be part of the contract. Eric (WRA) indicated that the contract already has SUE incorporated. The project should be evaluated early since it may involve substitute right of way
- Looked at storm water management
Might have to go underground. R/W costs are high. Stormwater management needs reevaluated since the requirements have changed from what was evaluated 15 years ago when there were less strict standards
- The two structures were mentioned and are deep under fill. The cost for temporary shoring may require at-grade structures to be investigated in the TS&L stage.
- Alicia stated that the borings be completed early on during the preliminary design phase to address slope and benching requirements that will control ROW impacts.
- It was stated to make sure we take ample ROW (permanent and TCE) for construction, SWM & ESC measures so that our hands are not tied in case additional space is required as the design progresses.
- Dave indicated that he has the Hesperheide development plans for the area south of SR 228 opposite of Myoma Road. Mark said he would forward them on to WRA.

- It was noted that some of the turnaround concepts have not been fully determined and that impacts to those areas will need to be evaluated at the appropriate time.
- The project will likely be developed so that they may be separated into 2 or 3 pieces with logical termini so that they are affordable.
- The project is anticipated to be a CE level 1B at this point and is on the NHS system and will be reviewed by central office and FHWA
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After completion of the meeting the following was evaluated regarding archeology:

Portions of the projected APE were covered under a Phase I survey by A. D. Marble in 2005 and 2006 for the SR 0228 Sec 290, SR 228 Improvements project (ER# 1999-6129-019). For that survey, much of the area was written off as disturbed or containing steep slopes. Based on field views of other projects along the corridor, that was not always the case. For that survey, detailed maps are only provided for three locations: near the Franklin Road intersection, near Fox Trot Road/Lifepoint Alliance Church, and SR 3015 Mars-Valencia Road. Subsequently, although the current projected APE is believed to have been covered by the previous survey, portions of the current APE may not have been examined or were improperly covered, and may require a Phase I archaeology survey. In addition, there are proposed jug handles, connector roads and sediment basins for which the impact areas are still being developed. Once an APE or preliminary APE has been provided, a supplemental field view will likely be required after which a detailed memo regarding archaeology recommendations will be provided. With regard to above-ground resources, much of the project area consists of recent construction that has altered the overall historical integrity of the corridor. The previous survey identified numerous ineligible above-ground resources within the current project area. One resource within the APE, the Miles Covert Farm, has previously been determined eligible for the NRHP. The project APE touches the farm property at three points along SR 228. Acquiring additional right of way in excess of 12' from the Miles Cover Farm will require coordination with PHMC and consulting parties. An Early Notification and solicitation for consulting parties was submitted to Project PATH on 7/19/2018. The expected outcome is a consulted finding of no effect or no adverse effect.

If there are any questions, please call me at 724-357-2852 or email at mrozich@pa.gov