



Tied Projects

February 25, 2015

Purpose

The purpose of this document is to inform P6 Implementation staff how tied project schedules are handled in P6.

Tied Project in P6

A project User Defined Field (UDF) will be created to designate the project as a tied project. The UDF will allow P6 Implementation team to run reporting for upper management at MnDOT.

[RD-00-06 Project Code Dictionary.xlsx](#) will include the following entry for the Tied SP UDF:

Name	Description	Format
MnDOT Tied SP	Tied projects are individual projects that are combined into one letting for construction. The Prime Tied SP number is assigned by the District.	SP XXXX-XX where XXXX-XX is the Prime Tied SP number.

Project UDF	Assigned by	Updated by	Authoritative Source
MnDOT Tied SP	Admin	SSC	PPMS

Tied projects will have one letting work package regardless of the number of projects tied. The letting work package will be in the MnDOT Prime Tied SP Project schedule only. All other project schedules will have the letting work package removed and the activity relationships will be connected into the one letting work package.

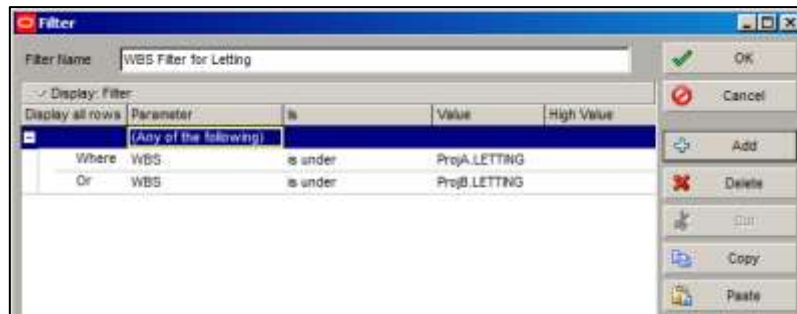
In general, the low SP number of the projects being tied is assigned as the Prime Tied SP number unless one of the projects has Federal funding or the project with the major work type is not the low SP. Once a Prime Tied SP number has been assigned, it will not change unless Federal funding is involved.

All project schedules will contain the letting held milestone.

Process to Tie Projects

1. Admin will review the Preletting 6 Month Tentative Bid Schedule to determine which projects are tied on the first week of every month. Projects can be tied at an earlier date if requested by the District.
2. Admin will populate the MnDOT Tied SP Project user defined field (UDF) using the following naming convention:

SP XXXX-XX, where XXXX-XX is the Prime Tied SP number
3. Admin will place a backup copy of all project schedules to be tied into the Admin Archive node of P6.
4. Admin will send an email to SSC Leaders containing the list of tied projects.
5. For each Prime Tied SP number SSC will:
 - a. Notify PM that projects will be tied in P6
 - b. Confirm that all tied projects have identical letting work packages.
If the letting work packages do not match, the tied projects will need to go through the full rebaselining process. If the letting work packages are identical, no rebaselining is required.
 - c. Open projects to be tied
 - d. Create a filter to concentrate on the letting work packages



- e. Change the activities that tie to letting activities being removed and tie them to the appropriate activities in the Prime Tied SP schedule.
- f. Delete the letting work package activities that are to be removed.
- g. For schedules without the letting work package, tie Letting Held milestones as a FF successor to the Advertise activity in the letting work package.
- h. Schedule the projects, confirm that there are no open ends, and create new baseline snapshot for PM distribution.
- i. Notify Admin to upload the new baseline schedules to the reports webpage.

Process to Untie Projects

1. District determines that the projects should no longer be tied.
2. PM notifies SSC that the project tie should be removed.
3. SSC will notify Admin that the project is being untied.
4. Admin will place a backup copy of the schedule modules into the Admin Archive node of P6.
5. Admin will send an email to SSC Leader notifying them that the backup schedules has been created.
6. SSC will update the MnDOT Tied SP UDF to reflect the appropriate projects are tied or untied.
7. SSC will insert the letting work package into the project that is being untied and remove the ties from the Prime Tied SP number.
8. SSC will assist the PM in rebaselining the project if the letting work packages are not identical.

For More Information

Visit: mndot.gov

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