
Index 641-010 Concrete Poles

ORIGINATION

Date: 1-18-22

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COMMENTARY

SMO has proposed to remove Class V Special Concrete as an option from the Standard Specifications and therefore the Standard Plans must be updated.

Districts have requested an often used 16 ft pole configuration to be added.

COMMENTS AND RESPONSES

BLACK = Internal Review Comments **BLUE** = Standard Plans Response **GREEN** = Change Made to Index

Name: Chris Tavella

Date: 8-22-2022

COMMENT: Comments for Sheet 5 of 11 are as follows:

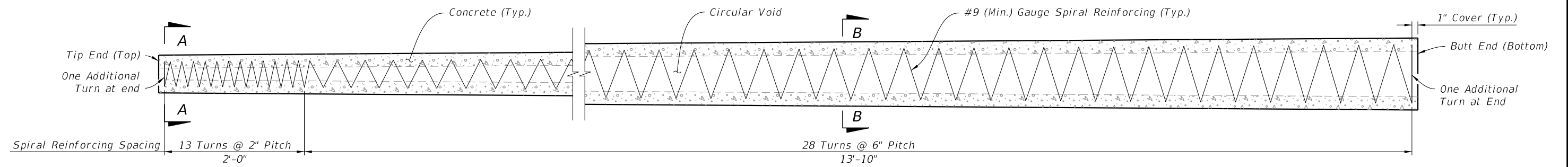
1. In the pole elevation view, there is a label “Plug (See Note **3**)”. Please verify. It appears that this label should be “Plug (See Note **1**)”.
2. In Section B-B, there is a label “(See Note **5**)”. Please verify. It appears that this label should be “(See Note **3**)”.
3. Label at the bottom right corner of the sheet. To be consistent with other sheets, please consider including a space between “16” and “Ft.”. Instead of “16Ft.”, “16 Ft.”.
4. With the new SERVICE POLE TYPE P-IID (16 Ft.) now being available, please consider also modifying SPI 639-001, Service Point Details, sheet 1 of 2, Detail B for UNDERGROUND FEED, to also show 16’ long pole in addition to the 12’ long pole.
5. With the new SERVICE POLE TYPE P-IID (16 Ft.) now being available, please consider updating the description for pay item 641-2-AB, Prestressed Concrete Pole Standard Plans 641-010, for pole type to include the new SERVICE POLE TYPE P-IID (16Ft.) in the Basis of Estimates.

RESPONSE:

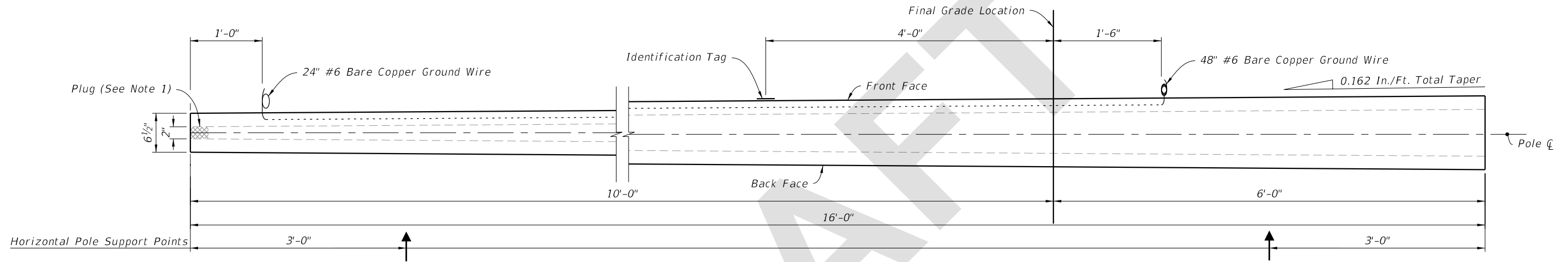
1. Agree. Note reference was in error.
CHANGE MADE TO INDEX: Corrected note reference.
2. Agree. Note reference was in error.
CHANGE MADE TO INDEX: Corrected note reference.
3. Agree.
CHANGE MADE TO INDEX: Added space.
4. Per the Origination Form, this 16-foot pole is included for use with project-specific service point designs that are already currently in use in the District. The deadline for requesting revisions to an index in the 2023-24 Standard Plans has passed, and there were no revisions proposed to Index 639-001 for this cycle. If there are specific

dimensions and changes preferred for Index 639-001, please submit a new [Origination Form](#) with redlines for the 2024-25 book. Thank you.

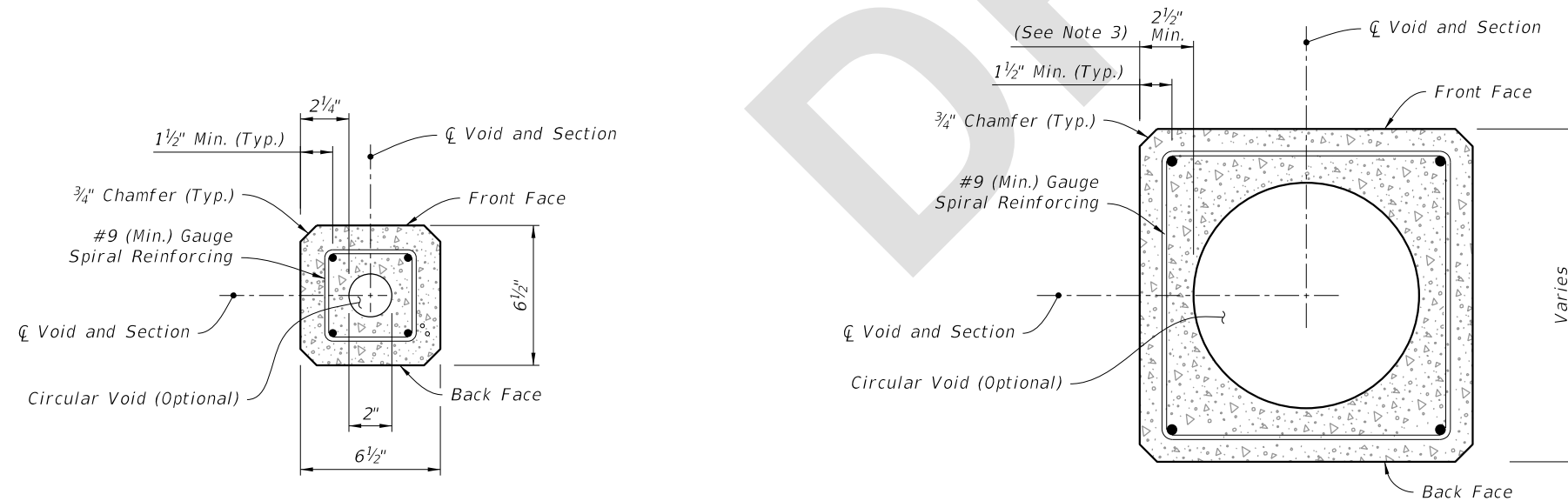
5. Agree. Basis of Estimates is scheduled to be updated on publishing.



SPIRAL REINFORCING ELEVATION
(Strands and Fixtures Not Shown)



POLE ELEVATION
(Strands and Reinforcing Not Shown)



SECTION A-A (Tip End)

SECTION B-B (Typical Square Section)

NOTES:

1. Provide a minimum 3" concrete plug at the Tip End.
2. For final erection, tilt pole upright with single point attachment located a distance of 5 feet from the Tip End.
3. Dimension may vary from 2 1/4" to 3 1/2" to accommodate smaller radius of optional stepped (PVC) void. The minimum void diameter is 2".
4. Strands shown are continuous from Tip End to Butt End.
5. Strands are not shown in the elevation views for clarity.

LEGEND:

- Prestressed Strand:
0.5 in. ~ 24 kips before transfer or
0.375 in. ~ 14 kips before transfer
(4 strands total)

SERVICE POLE TYPE P-IID (16 Ft.)

8/23/2022 10:32:14 AM

LAST REVISION 11/01/22	DESCRIPTION:		FY 2023-24 STANDARD PLANS	CONCRETE POLES	INDEX 641-010	SHEET 5 of 11
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