

CITY OF CARMEL
STANDARD DRAWINGS AND TECHNICAL SPECIFICATIONS
2020 SUMMARY OF LATEST VERSION 2.6 UPDATES AND CHANGES

The following is a brief summary of the latest updates to the Standard Drawings (SD's) and Technical Specifications (TS's), (also considered as Special Provisions) per the City of Carmel Engineering Department and specifically for local funded projects.

Standard Drawing updates and changes:

1. INDEX sheet has been updated per revisions to drawing names.
2. 10-1, 10-2, 10-3, 10-4, 10-5, 10-6, 10-7, 10-8, 10-9, 10-10A, 10-10B have all been updated to adjust scale of typical section detail, revise HMA pay item nomenclature and add a note for local (non-federal aid) project HMA acceptance and testing requirements, and update curb and multi-use path references.
3. 10-10B updated to eliminate pervious concrete option and add permeable paver option. Added non-woven geotextile, geogrid, and INDOT Subgrade Treatment, Type III to both options, and added a note concerning design of section. Revised washed No. 2 aggregate to washed No. 4 aggregate. Added 6 in. Ribbon Curb detail to sheet and incorporated into Typical Section.
4. 10-11A, 10-11B and 10-11C updated to revise sheet names and details, indicate for finial ball to be welded for decorative sign assemblies, change sign text font, size, and capitalization, and added a note for differentiation of sign background.
5. 10-11B amended Note 2 to include callout for D1-1d sign and added arrow dimensions.
6. 10-18 updated subgrade preparation controlling standard specification.
7. 10-19 updated to remove notes, and instead, reference Standard 10-18.
8. 10-20 updated pavement edge and shoulder details, and to provide dimensions for area of subgrade compaction. Added Geogrid, IB (as necessary) and INDOT Subgrade Treatment, Type III to the typical path section.
9. 10-21A, 10-21B, and 10-22 updated to revise notes, add legend items for drive approach with appropriate pay items, and revised sidewalk cross-slope.
10. 10-23 updated to revise sheet name and subgrade preparation reference, and remove notes.
11. 10-25A updated to revise sheet name, provide legend item with appropriate pay item reference, and revise notes.
12. 10-25B DELETED (see added standards 10-51 and 10-52).
13. 10-25C updated to revise curb height dimensions.
14. 10-25D updated to revise standard curb reference and topsoil note to indicate that topsoil is to be flush with top of curb.
15. 10-28 updated to add legend item for the pavement patch. Extended subgrade hatch to right edge of concrete cap and lowered dimension call.
16. 10-34 updated to revise curb radius and end treatment standard drawing references.
17. 10-35 and 10-36 updated to revise lane shift and taper lengths, add legend item and underdrain detail for stone shoulder applications, and update notes.

18. 10-35 moved widening shall be provided even if auxiliary lanes are not required note to Notes section at 7.
19. 10-40 detail, number and size of conduits, and notes updated per Carmel Communications, Carmel Street Department and Carmel Engineering.
20. 10-41 detail and notes updated per Carmel Communications, Carmel Street Department and Carmel Engineering.
21. 10-42A updated to provide detail for hardscape and turf/mulch installations.
22. 10-42B updated to revise pole/arm dimensions, luminaire specifications, and lamp post specifications. Added note that finial ball on arms shall be welded.
23. 10-42C updated drawing name, and revised specifications and diameter dimension.
24. 10-43A updated to provide detail for hardscape and turf/mulch installations.
25. 10-43B updated to revise luminaire and lamp post specifications.
26. 10-43C updated drawing name, and revised specifications.
27. 10-44 updated to revise innerduct conduit to contain 3x1.25" innerducts, and add Note #7. Revised Note 1 to include reference to INDOT SS 805 for conduit not installed in trenches.
28. 10-45 DELETED conduit detail, and ADDED detail for Rapid Flashing Beacon. Added note per Engineering Department comment.
29. 10-46 ADDED detail for Tree Planting – Deciduous Tree
30. 10-47 ADDED detail for Tree Planting – Coniferous Tree
31. 10-48 ADDED detail for Shrub Planting
32. 10-49 ADDED detail for Standard Roundabout Design – General Notes*
33. 10-50 ADDED detail for Standard Roundabout Design – Miscellaneous Details*
34. 10-51 ADDED detail for Standard Roundabout Design – Single Lane Details*
35. 10-52 ADDED detail for Standard Roundabout Design – Multi-Lane Details*
36. 10-53 ADDED detail for Standard Roundabout Design – Roundabout Lighting*

Technical Specifications updates and changes:

1. Table of Contents updated per changes and updates herein.
2. TS 2 Completion Dates and Liquidated Damages was revised to include a section of liquidated damages.
3. TS 24 HMA-Hot Mix Asphalt was revised to update pay item nomenclature, and acceptance and testing requirements for local (non-federal aid) projects.
4. TS 41 reference to Standard Drawing 10-45 removed.
5. TS 47 Standard Drawings was revised to provide additional clarification on how to access the standard drawings.
6. TS 48 revised to reference INDOT standard 628.02 instead of listing required items for Field Office.
7. TS 48 Removed reference to General Conditions Section 16.20 and referenced INDOT SS 628.02(c) and added system requirement exception.
8. TS 75 ADA Curb Ramps was revised to modify the width of concrete border, or other edge restraint, around the detectable warning surface elements.
9. TS 80 Right-of-Way/Easement Status specification was added to notify of status of land availability.
10. TS 81 Alley and Path Geogrid specification was added to inform that quantities are as approved by Owner and to specify as undistributed.

11. TS 82 Seed Mixture specification was added to inform that all seeding specifications shall conform to Section 621.06(b), Seed Mixture U of the 2016 INDOT Standard Specifications.

Front End Document updates and changes:

1. Multiple signature dates and version dates have been updated.
2. Agreement for Purchase of Good and Services has been revised and included.
3. Updated documents to indicate Sue Wolfgang as Clerk.

* Review Standard Drawings 10-49 – 10-52 as revisions have been made to the previous Carmel Roundabout Design Guide documents.

Added “2020 Summary of Carmel Specifications and DWG Updates” to Reference files.