



NGT Tangent Guardrail End Terminal

Chris Cooper <ccooper@azdot.gov>

To: "Deitering, Thomas (FHWA)" <thomas.deitering@dot.gov>, Jerry James <JJJames@azdot.gov>, "Todd A. Emery" <TEmery@azdot.gov>, Gregory Byres <GByres@azdot.gov>, Hiren Shah <hshah@azdot.gov>, Paul O'Brien <PO'Brien@azdot.gov>, Bill Fay <bfay@azdot.gov>, Victoria Bever <vbever@azdot.gov>, Doug Smith <dsmith2@azdot.gov>, Michael Culp <mculp@azdot.gov>, Raul Amavisca <RAmavisca@azdot.gov>, "Acuna, Jennifer (FHWA)" <jennifer.acuna@dot.gov>, David Locher <dlocher2.consultant@azdot.gov>, Anthony Brozich <abrozich@azdot.gov>, Steve Boschen <SBoschen@azdot.gov>, Susan Anderson <seanderson@azdot.gov>, Paul Patane <PPatane@azdot.gov>, Bret Anderson <banderson@azdot.gov>, James Windsor <jwindsor@azdot.gov>, Paula Gibson <pgibson@azdot.gov>, Barry Crockett <bcrockett@azdot.gov>, Kerry Wilcoxon <kwilcoxon@azdot.gov>, Steve O'Brien <SO'Brien@azdot.gov>, Matt Moul <MMoul@azdot.gov>, Susan Stumfoll <sstumfoll@azdot.gov>, Adam Bieniek <abieniek@azdot.gov>, Audra Merrick <amerrick@azdot.gov>, Kirstin Huston <khuston@azdot.gov>, David Benton <dbenton@azdot.gov>, Randy Everett <reverett@azdot.gov>, James Wilson <jwilson@azdot.gov>, Jesus Sandoval-Gil <jsandoval-gil@azdot.gov>, Anthony Casselman <acasselman@azdot.gov>, Michael DenBleyker <mdenbleyker@azdot.gov>, Brenden Foley <BFoley@azdot.gov>, Shane Alden <salden@azdot.gov>

SENT ON BEHALF OF MICHAEL DENBLEYKER, STATE ROADWAY ENGINEER

TO ALL ADOT AND CONSULTANT DESIGN AND CONSTRUCTION PERSONNEL

RE: NGT TANGENT GUARDRAIL END TERMINAL

The NGT guardrail end terminal has been approved for use on ADOT projects, and should be included along with the SoftStop, MSKT, MAX-Tension, and SGET options wherever new tangent terminals are required. Drawing C-10.24 depicting the NGT pad layout has been added to our webpage at <https://azdot.gov/business/engineering-and-construction/roadway-engineering/roadway-design/construction-standard>. Revised barrier summary and 1A index sheets are also available on-line and should be included in all applicable projects that have not reached Stage IV as of March 21, 2025.

Any comments and suggestions you have will be welcome for future updates to these drawings. Contact Chris Cooper, Roadway Standard Engineer at 602-712-8365 if you have any questions or comments.

Please distribute to all ADOT and consultant design and construction personnel in your Group, Section, or District.



Chris Cooper, PE

Roadway Standards Engineer

**Infrastructure Delivery & Operations
Division**

205 S. 17th Avenue

Phoenix, AZ 85007

602.712.8365 | azdot.gov