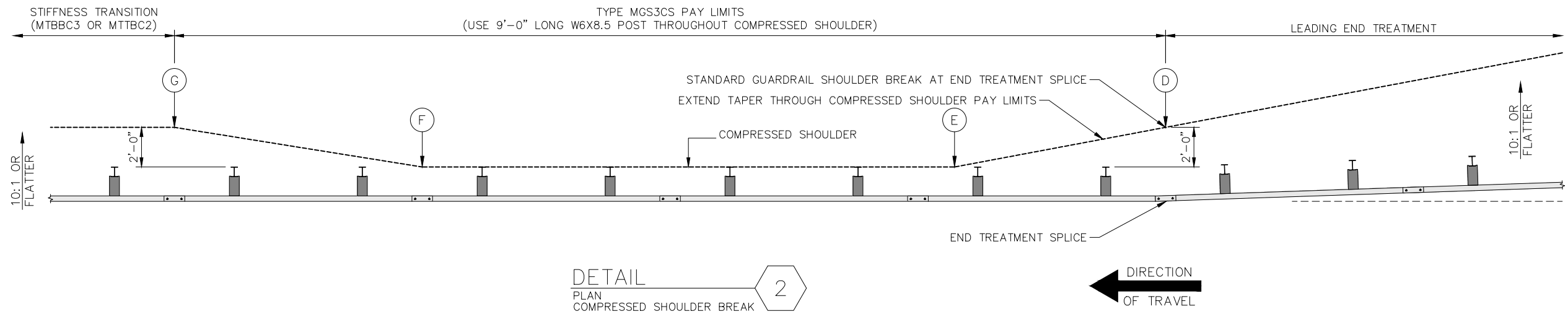


DETAIL
SCALE: 1/2" = 1'-0"
9'-0" POST AT SHOULDER
BREAK OF 2:1 OR FLATTER SLOPE

- SEE 805-001-XX FOR GENERAL NOTES. WORK ALL APPROPRIATE GUARDRAIL/BARRIER SHEETS TOGETHER.
- WHEN COORDINATING NEARBY SUBSURFACE UTILITY INSTALLATION, PROVIDE ADDITIONAL DEPTH TO AVOID LONGER MGS3CS POSTS. IDENTIFY ALL EXISTING AND NEW SUBSURFACE UTILITIES TO ADDITIONAL DEPTHS BEFORE INSTALLING MGS3CS POSTS.
- USE MGS3CS ONLY WHERE SITE CONSTRAINTS DICTATE THAT THE 45" STANDARD GUARDRAIL SHOULDER BREAK (FOR MGS3) CANNOT BE BUILT. WHEN CONNECTING END TREATMENTS AND STIFFNESS TRANSITIONS TO MGS3CS, ADJUST GUARDRAIL SHOULDER BREAK FOR THOSE DEVICES - DO NOT CONSTRUCT COMPRESSED SHOULDER BREAK THROUGH OTHER CONNECTED DEVICES UNLESS SPECIFIED BY THE STANDARD DRAWING FOR THAT DEVICE.
- INSTALL MGS3CS DEVICE CONSISTENT WITH MGS3 (805-210-XX) DEVICE REQUIREMENTS, EXCEPT THAT GUARDRAIL POSTS ARE 9'-0" LONG. FOLLOW ALL OTHER REQUIREMENTS OF TYPE MGS3 INSTALLATION.
- SEE QUALIFIED PRODUCT LIST 49 FOR A LIST OF MANUFACTURERS THAT PRODUCE GENERIC COMPONENTS FOR TYPE MGS3CS GUARDRAIL.
- INSTALL MGS3CS DEVICE ONLY WHEN SPECIFIED IN THE PROJECT PLANS OR SPECIAL PROVISIONS, AND ONLY IN LOCATIONS IDENTIFIED. DO NOT VALUE ENGINEER SITES FOR THE USE OF MGS3CS WHEN PROJECT PLANS SHOW A DIFFERENT GUARDRAIL DEVICE.
- THE 2:1 EMBANKMENT SLOPE MUST CONTINUE FOR A MINIMUM OF 4'-0" BEFORE THE EMBANKMENT SLOPE CAN BE STEEPER THAN 2:1.
- MEASURE AND PAY FOR MGS3CS IN LINEAR FEET ALONG THE LENGTH OF THE LONGITUDINAL BARRIER. WHEN USED, THE MGS3CS ITEM REPLACES THE TYPE MGS3 PAY ITEM, SO "ADDITIONAL LENGTH POST" QUANTITY IS NOT REQUIRED.

PAY ITEMS:
[8052150] MGS3CS GR COMPRESSED SHOULDER.....LF



DETAIL
PLAN
COMPRESSED SHOULDER BREAK

REFERENCES

NATIONAL DOCUMENTS
FHWA ELIGIBILITY LETTER(S):
B211
MWRSF REPORT(S):
TRP-03-185-10

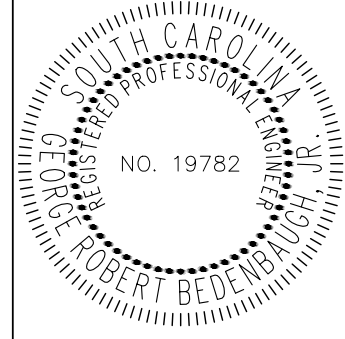
SCDOT DOCUMENTS



RELATED DRAWINGS & KEYWORDS

805-210-00
F805-090-00
DESIGN DEFLECTION = 7'-0"

THIS DRAWING IS ONLY VALID FOR CONSTRUCTION WHEN SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF SOUTH CAROLINA. CHECK WWW.SCDOT.ORG FOR LATEST UPDATE.



SIGNATURE

DATE

#	DATE	CHK	DESCRIPTION
6	---	---	---
5	---	---	---
4	---	---	---
3	---	---	---
2	---	---	---
1	---	---	---
0	1/18	DSO	MASH



SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
DESIGN STANDARDS OFFICE
955 PARK STREET
ROOM 405
COLUMBIA, SC 29201

STANDARD DRAWING

TYPE MGS3CS
GUARDRAIL
ADDITIONAL LENGTH
POST AT
COMPRESSED
SHOULDER

805-215-00
EFFECTIVE LETTING DATE | JULY, 2018