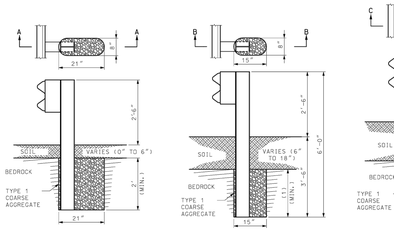


GENERAL NOTES:

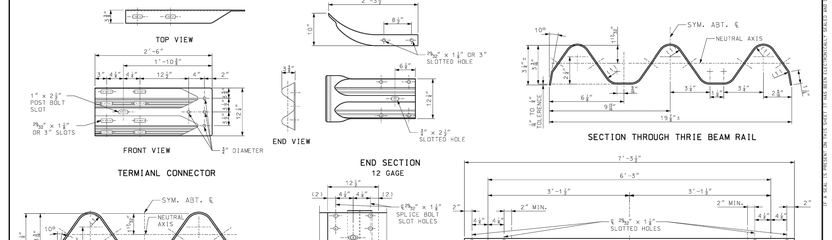
HOLES IN SOLID ROCK SHALL PROVIDE A DIAMETER OF NOT LESS THAN 4 INCHES GREATER THAN THE MAXIMUM TRANSVERSE DIMENSION OF THE POST SECTION.

POST MAY BE SHORTER WHERE PLACED IN A MINIMUM 2 FEET OF SOLID ROCK. STEEL POSTS MAY BE FLAME OR SAW CUT. REPAIR OF CUT SHALL BE IN ACCORDANCE WITH SEC 712 OF THE STANDARD SPECIFICATIONS.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

GUARDRAIL
SPECIAL INSTALLATIONS

DATE EFFECTIVE: 01/01/2017 DATE PREPARED: 10/28/2016	606.00AY	SHEET NO. 6 OF 7



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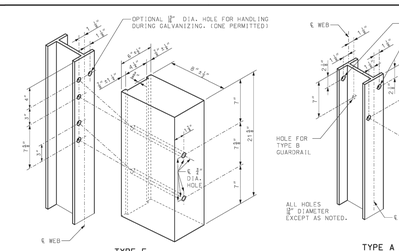
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

GUARDRAIL
RAIL ELEMENTS

DATE EFFECTIVE: 01/01/2017 DATE PREPARED: 10/28/2016	606.00AY	SHEET NO. 5 OF 7



GENERAL NOTES:

FOR GUARDRAIL DELINEATION DETAILS SEE STD PLAN 903.03.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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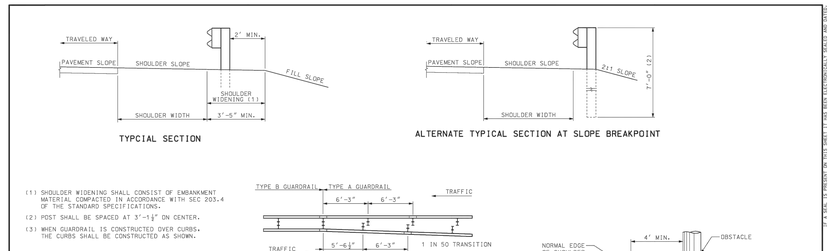
GUARDRAIL
POST AND BLOCK

DATE EFFECTIVE: 06/01/2018 DATE PREPARED: 2/9/2018	606.00AY	SHEET NO. 4 OF 7



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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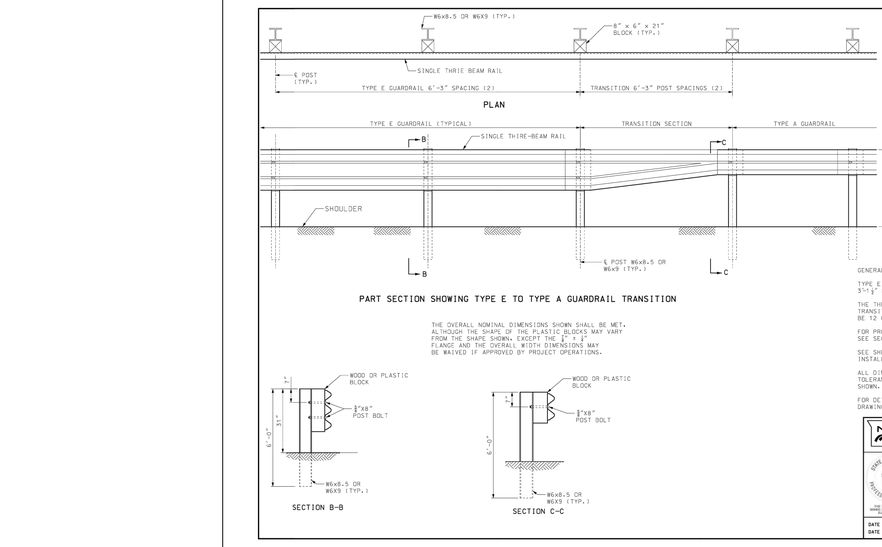
GUARDRAIL
LAYOUT

DATE EFFECTIVE: 01/01/2020 DATE PREPARED: 10/23/2019	606.00AY	SHEET NO. 3 OF 7



(1) THE CONTRACTOR MAY FURNISH EQUIVALENT SECTIONS FABRICATED FROM MATERIAL MEETING AND IN ACCORDANCE WITH SEC 1040.

(2) IF THE TRANSITION IS CONNECTED TO A BRIDGE ANCHOR SECTION, POST SPACING FOR TYPE E GUARDRAIL AND THE TRANSITION SECTION SHALL BE 3'-1½" , FOR ALL OTHER CASES, POST SPACING SHALL BE 6'-3".

(3) TRANSITION FROM 31" TO 29" HEIGHT OVER 2-12.5' W-BEAMS OR 25'.

GENERAL NOTES:

TYPE E GUARDRAIL SHALL USE 6'-3" POST SPACING UNLESS 3'-1½" POST IS SPECIFIED.

THE THRIE BEAM RAIL FOR THE TYPE E GUARDRAIL AND THE TRANSITION SECTION SHALL BE MADE OF STEEL AND SHALL BE 12 GAGE.

FOR PROTECTIVE COATING AND MATERIAL REQUIREMENTS, SEE SEC 1040 OF THE STANDARD SPECIFICATIONS.

SEE SHEET 7 OF 7 FOR REQUIREMENTS FOR SPECIAL INSTALLATIONS.

ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING TOLERANCES EXCEPT WHERE ALLOWABLE TOLERANCES ARE SHOWN.

FOR DETAILS NOT SHOWN, SEE OTHER SHEETS OF THIS DRAWING.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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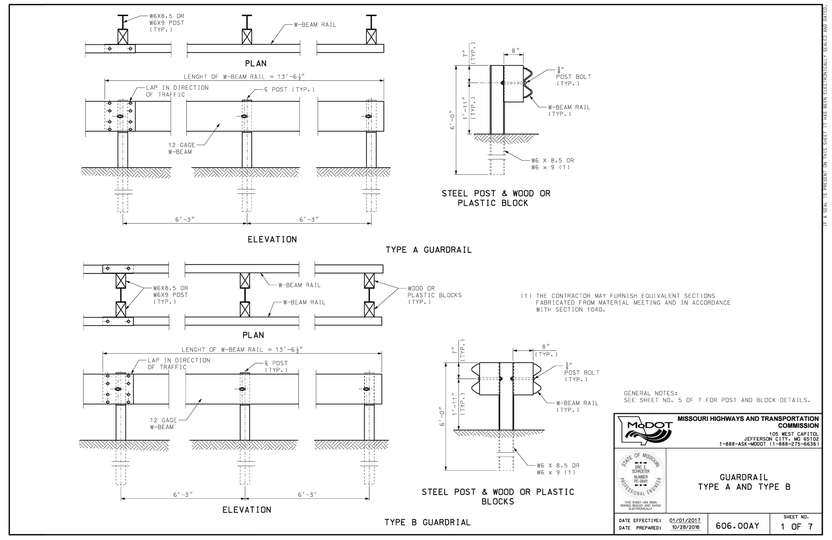
GUARDRAIL
TYPE E

DATE EFFECTIVE: 01/01/2017 DATE PREPARED: 10/28/2016	606.00AY	SHEET NO. 2 OF 7



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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GUARDRAIL
TYPE A AND TYPE B

DATE EFFECTIVE: 01/01/2017 DATE PREPARED: 10/28/2016	606.00AY	SHEET NO. 1 OF 7

DETAILS SHOWN ON THIS SHEET ARE FOR AREAS WITHIN MoDOT RIGHT OF WAY.

hdesigngroup
architecture + design

5039 S National Avenue | Springfield, MO 65810 | 417.887.6595

OWNER
CITY OF O'FALLON
100 NORTH MAIN STREET
O'FALLON, MO 63366
636.379.5590

PROJECT TEAM

CIVIL ENGINEER
PREMIER DESIGN GROUP
100 MIDLAND PARK DRIVE
WENTZVILLE, MO 63385
314.925.7444

MAINTENANCE CONSULTANT
HDR ENGINEERING, INC.
17725 KATY FREEWAY SUITE 102
HOUSTON, TX 77094
816.360.2700

STRUCTURAL ENGINEER
METTEMEYER ENGINEERING
2225 W CHESTERFIELD BLVD., SUITE 300
SPRINGFIELD, MO 65807
417.890.8002

MEP ENGINEER
HENDERSON ENGINEERS, INC.
8345 LENEXA DR., #300
LENEXA, KS 66214
913.742.5000

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM #01	10/5/2023

PROJECT NO.: 2207920 DRAWN BY: A. JONES
DATE: 9-15-2023 REVIEWED BY: M. FOGARTY

PROFESSIONAL SEAL

STATE OF MISSOURI
STEVEN G. MARION
NUMBER PE2006007195
PROFESSIONAL ENGINEER
10/04/2023

ENGINEERS AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after the date authenticated.
STEVEN G. MARION P.E.
PROFESSIONAL ENGINEER
PE 2006007195

PROJECT TITLE
O'FALLON PUBLIC WORKS FACILITY

PROJECT ADDRESS:
1101 OLD E TERRA LANE
O'FALLON, MO 63366

MODOT GUARDRAIL DETAILS

SHEET
C-703

PERMIT SET

\\Vault-pc\vaultDWG_3D PROJECTS\2022\2207920_MOG_City of O'fallon MO Public Works\ENGINEERING\PHASE 1 CONSTRUCTION DOCUMENTS\C-704 MODOT DETAILS.dwg