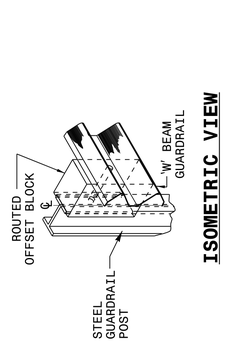
PROJECT REFERENCE NO.	SHEET NO.
B-4964	2C-9

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

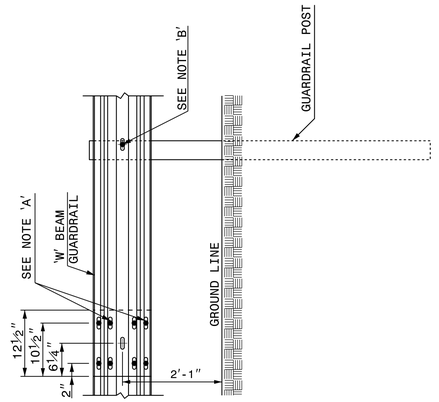
GUARDRAIL INSTALLATION

ROADWAY DETAIL DRAWING FOR

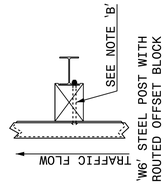
SHEET 5 OF 8 — 862D02



ISOMETRIC VIEW

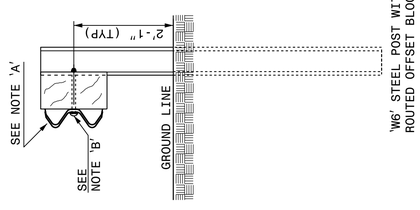


FRONT - MID SPAN SPLICE



'W6' STEEL POST WITH
ROUTED OFFSET BLOCK

PLAN



'W6' STEEL POST WITH
ROUTED OFFSET BLOCK

SIDE

TYPICAL GUARDRAIL AND GUARDRAIL POST ALTERNATIVES

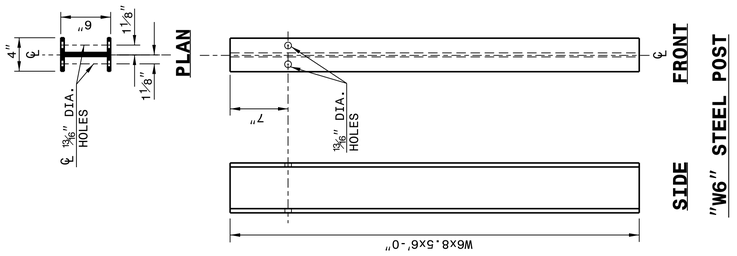
NOTES:
A - ⅞" DIA. BUTTON HEAD SPLICE BOLT 1¼" LONG (8 REQ. PER SPLICE JOINT).
B - ⅞" DIA. BUTTON HEAD BOLT 7½"/9" LONG WITH NUT FOR BOLTING 6"/8" ROUTED OFFSET BLOCK TO STEEL POSTS.
C - FIELD PUNCHING OF HOLES INTO GUARDRAIL AS DIRECTED BY THE ENGINEER.

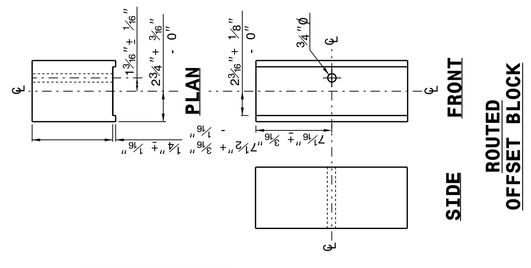
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

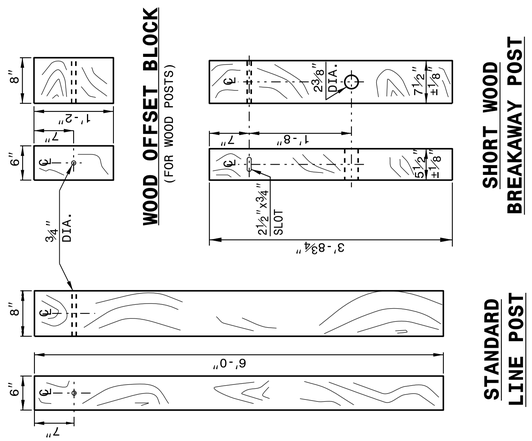
GUARDRAIL INSTALLATION

ROADWAY DETAIL DRAWING FOR

SHEET 6 OF 8 — 862D02







SYSTEM PARTS

STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

GUARDRAIL INSTALLATION

ROADWAY DETAIL DRAWING FOR

SHEET 6 OF 8 — 862D02

24-MAY-2017 09:35
S:\Contracts\Contracts\Special Details\jhowerton\Standard Drawings\2012 Standard Drawings\Details in Lieu of Standards\Division 8\862d01 862d02 862d03 862d03\862d02.dgn
jhowerton AT CSD-292695

NORTH CAROLINA PROFESSIONAL SEAL 022966 ENGINEER
7/7/2017

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

CONTRACT STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY:	J HOWERTON	DATE:	06-22-12
MODIFIED BY:		DATE:	
CHECKED BY:		DATE:	
FILE SPEC.:			