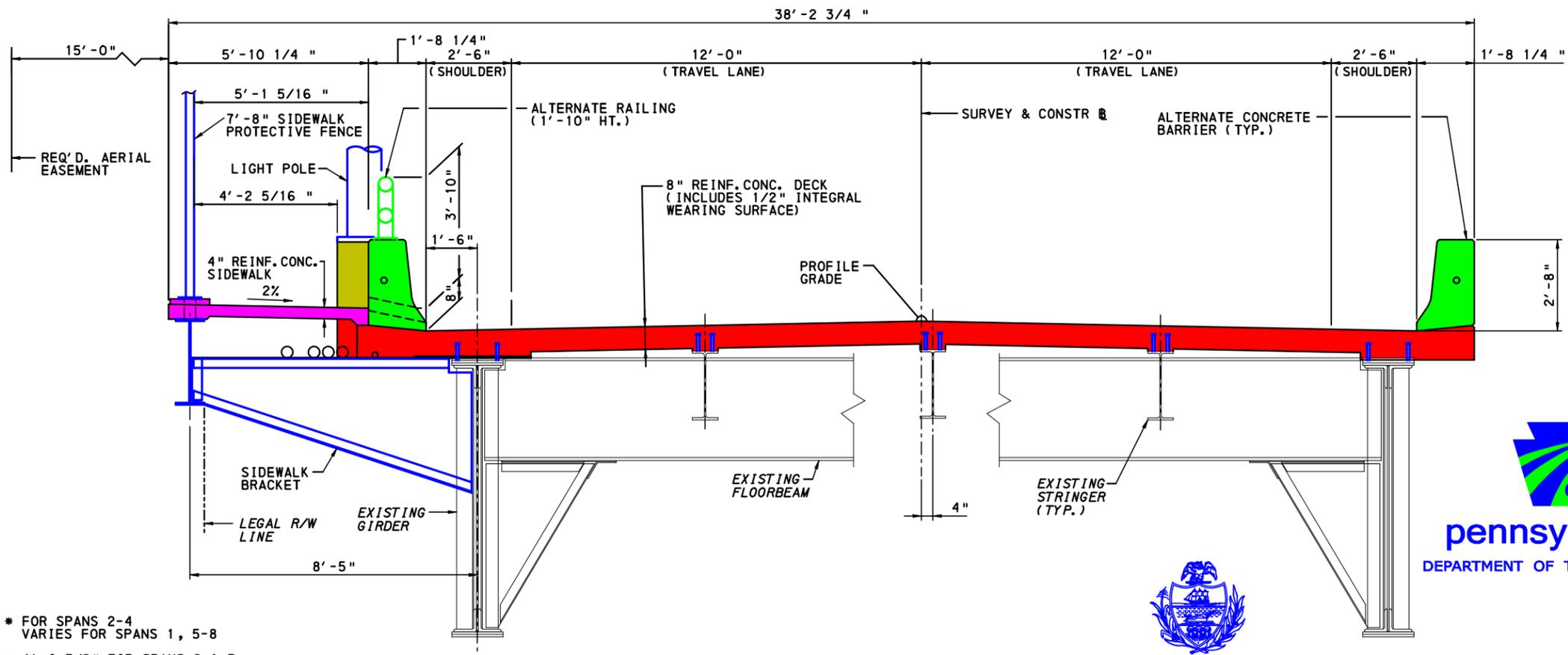
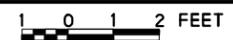


EXISTING SECTION



PROPOSED SECTION



- LEGEND:**
- REMOVE EXISTING CONCRETE DECK, SIDEWALKS AND BARRIERS. RE-USE EXISTING RAILING
 - REMOVE EXISTING STRUCTURAL STEEL
 - NEW CONCRETE DECK
 - NEW CONCRETE/STEEL BARRIER
 - NEW CONCRETE SIDEWALK
 - NEW STRUCTURAL STEEL

SCOPE OF WORK

- REMOVE AND REPLACE CONCRETE DECK, BARRIERS, SIDEWALK AND APPROACH SLABS.
- REMOVE AND REPLACE SIDEWALK FASCIA STRINGER, SIDEWALK BRACKETS AND STRUTS.
- REMOVE EXISTING ROCKER BEARINGS AND REPLACE WITH POT BEARINGS.
- STEEL REPAIRS - SUPERSTRUCTURE
- CONCRETE REPAIRS - SUBSTRUCTURE
- MODIFY SPAN/DECK CONFIGURATION AS FOLLOWED:
- ABUTMENT NO. 1
REPLACE 1" CLOSED CELL SPONGE (DEFLECTION) WITH 4" NEOPRENE STRIP SEAL DAM (EXPANSION)
- PIER NO. 1
ELIMINATE ARMORED NEOPRENE COMPRESSION DAM (EXPANSION) SPLICE GIRDERS FOR CONTINUOUS DECK
- PIER NO. 2
ELIMINATE 4" MOVEMENT EXPANSION DAM (EXPANSION) SPLICE GIRDERS FOR CONTINUOUS DECK
- PIER NO. 3
REPLACE ARMORED NEOPRENE COMPRESSION DAM (DEFLECTION) WITH TOOTH DAM AND DRAIN TROUGH
- PIER NO. 4
REPLACE ARMORED NEOPRENE COMPRESSION DAM (DEFLECTION) WITH 4" NEOPRENE STRIP SEAL DAM
- PIER NO. 5
ELIMINATE ARMORED NEOPRENE COMPRESSION DAM (EXPANSION) SPLICE GIRDERS FOR CONTINUOUS DECK
- PIER NO. 6
ELIMINATE ARMORED NEOPRENE COMPRESSION DAM (DEFLECTION) SPLICE GIRDERS FOR CONTINUOUS DECK
- PIER NO. 7
ELIMINATE ARMORED NEOPRENE COMPRESSION DAM (EXPANSION) SPLICE GIRDERS FOR CONTINUOUS DECK
- ABUTMENT NO. 2
REPLACE 1" CLOSED CELL SPONGE (DEFLECTION) WITH 4" NEOPRENE STRIP SEAL DAM (EXPANSION)



PREPARED BY:
ms consultants, inc.

County of Allegheny
Pittsburgh, Pennsylvania
Department of Public Works

**REHABILITATION OF
HOMEVILLE VIADUCT
WEST MIFFLIN BOROUGH**

**TYPICAL SECTION
TS05-0510**

DR. BY: SJS	TR. BY: -	DATE: 9-12-2011	26112
CH. BY: KMH	SCALE: AS NOTED	SHEET 2 OF 2	

08263_TYP_COLOR.DGN

* FOR SPANS 2-4
VARIES FOR SPANS 1, 5-8

** 1'-0 3/8" FOR SPANS 2 & 3
1'-1 1/2" FOR SPANS 6-8
VARIES FOR SPANS 1 & 5

*** 2% SPANS 2, 3, 5-8
VARIES SPAN 1