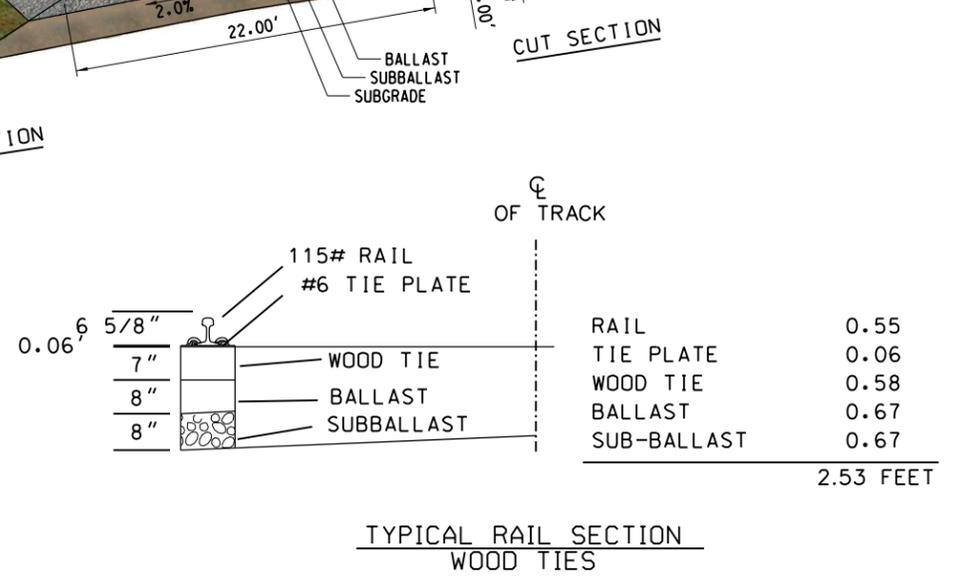
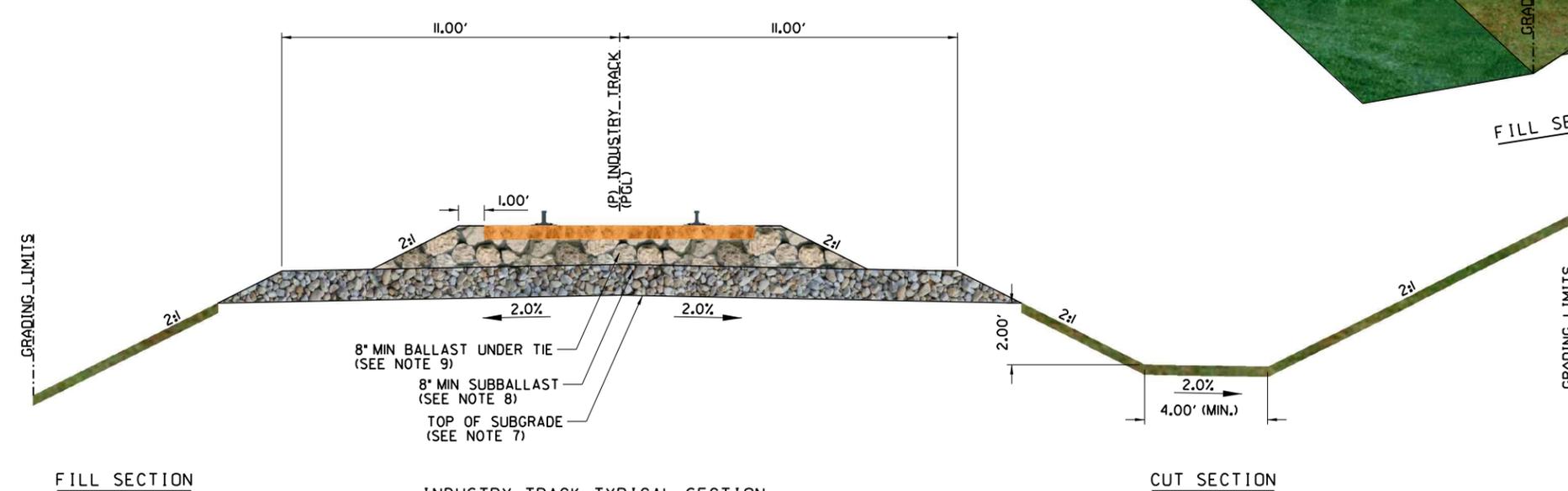
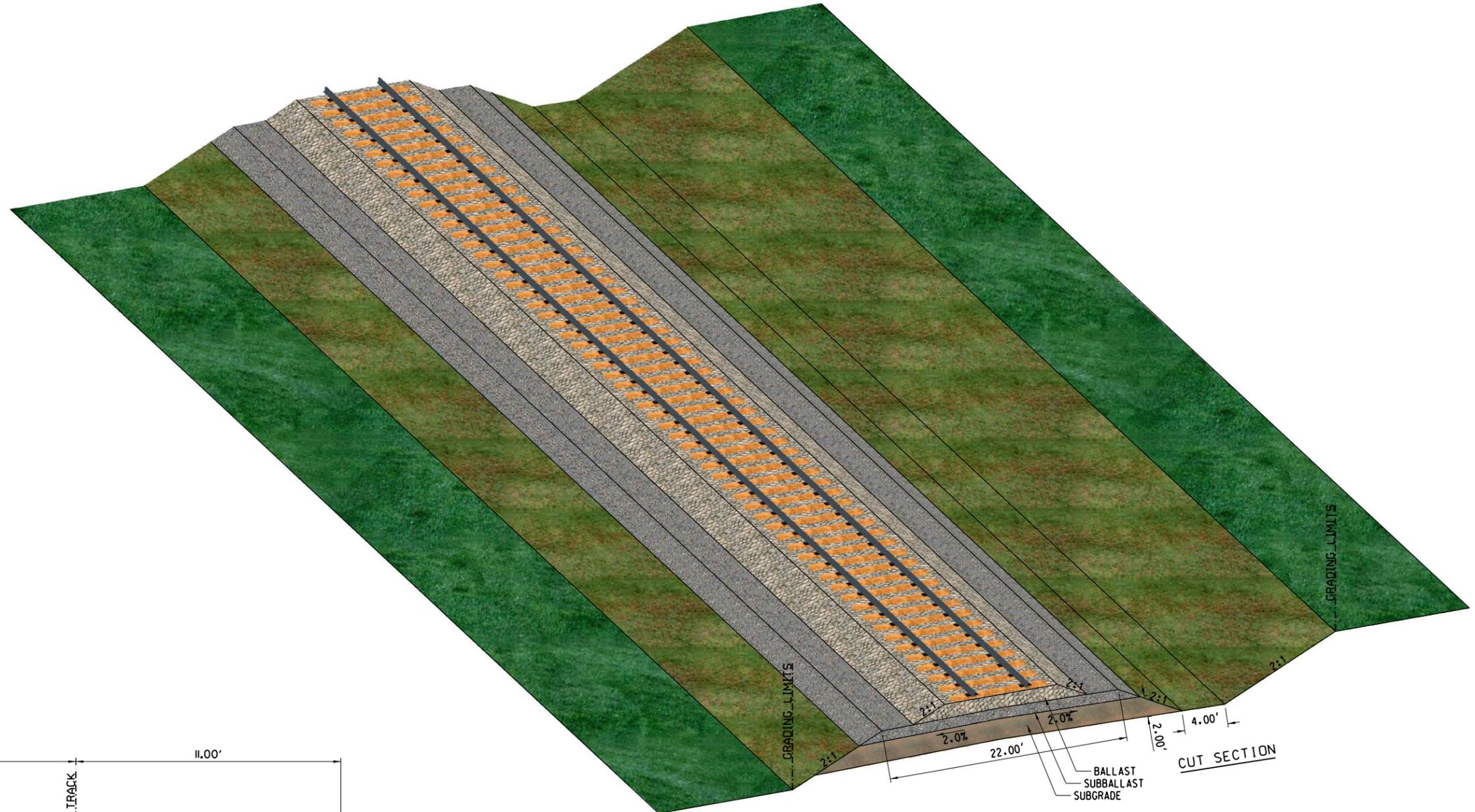


GENERAL NOTES:

- 7" x 9" x 8'-6" HARDWOOD TIES SHALL BE USED.
- PROTECT THE EXISTING TIE-IN TRACKS IN-PLACE AT ALL TIMES, UNLESS OTHERWISE NOTED. NO EXCAVATION TO OCCUR WITHIN 8' OF EXISTING TRACK CENTERLINES.
- ALL CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED AND COORDINATED THROUGH THE ENGINEERING DEPARTMENT, INCLUDING THE VARIOUS COMPANIES, AGENCIES AND OTHER CONTRACTORS WHO MAY BE AFFECTED BY THIS WORK. ALL REQUIRED PERMITS INCLUDING RAILROAD RIGHT-OF-ENTRY PERMITS NEEDED FOR THE WORK SHALL BE OBTAINED BY THE CONTRACTOR UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL COMPLY WITH ALL RAILROAD OCCUPANCY REQUIREMENTS INCLUDING WATCO RIGHT-OF-ENTRY AGREEMENTS.
- RAIL TRAFFIC DISRUPTIONS SHALL BE KEPT TO A MINIMUM. DISRUPTIONS IN RAIL TRAFFIC THAT MAY BE REQUIRED SHALL BE COORDINATED WITH THE ENGINEERING DEPARTMENT BEFOREHAND. NO WORK SHALL BE COMMENCED WITHOUT THE RAILROAD FLAGMAN'S APPROVAL. WORK AFFECTING THE MOVEMENT OF TRAINS WILL BE UNDER THE AUTHORITY AND OVERALL CONTROL OF THE RAILROAD FLAGMAN OR THEIR REPRESENTATIVE.
- NO MATERIAL AND/OR EQUIPMENT SHALL BE PLACED WITHIN 25 FEET OF AN ACTIVE TRACK AT ANY TIME WITHOUT PRIOR APPROVAL OF THE RAILROAD FLAGMAN.
- THE CONTRACTOR SHALL ENSURE THAT REQUIRED NOTIFICATION IS PROVIDED TO APPROPRIATE UTILITY COMPANIES PRIOR TO EXCAVATION OR OTHER WORK WHICH MAY AFFECT UTILITY COMPANY FACILITIES.
- ROAD BED (TRACK) EMBANKMENT MATERIAL SHALL BE PLACED IN A MAXIMUM NINE (9) INCH THICK LOOSE LIFTS AND SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY AT NOT MORE OR LESS THAN ±3% OF OPTIMUM MOISTURE CONTENT PER ASTM D698 (STANDARD PROCTOR). IN CUT SECTIONS, A MINIMUM OF NINE (9) INCHES OF THE SUBGRADE SHALL BE SCARIFIED AND RECOMPACTED IN ACCORDANCE WITH THE FOREGOING.
- SUBBALLAST MATERIAL SHALL BE CRUSHED GRAVEL OR STONE & GRADATION SHALL MEET THE REQUIREMENTS OF AREMA CHAPTER 1 PART 2.11.2.5.
- BALLAST SHALL BE AREMA SIZE 4 (1-1/2" - 3/4") AS A MINIMUM, SHALL BE FREE OF LOAM, DUST AND OTHER FOREIGN PARTICULES.



File: I:\Dropbox (Watco Companies, LLC)\Watco - Design\Engineering - Standards\Cad\Rail\Modal\Section100\_Rail\_Standards.dgn

OFFICE OF WATCO ENGINEERING - DESIGN  
 APPROVED BY:  
  
 VICE PRESIDENT - ENGINEERING DESIGN

INFORMATION CONFIDENTIALITY:  
 ALL PLANS, DRAWINGS, SPECIFICATIONS, AND/OR INFORMATION FURNISHED HEREWITH SHALL REMAIN THE PROPERTY OF WATCO AND SHALL BE HELD CONFIDENTIAL AND SHALL NOT BE USED FOR ANY PURPOSE NOT PROVIDED FOR IN AGREEMENTS WITH WATCO. ANY DEVIATIONS FROM THE STANDARDS DEPICTED HEREIN SHALL REQUIRE APPROVAL FROM THE OFFICE OF WATCO ENGINEERING - DESIGN.

DRAWN BY: JRW  
 CHECKED BY: DRW  
 APPROVED BY: JLW  
 ADOPED: \$DATE1\$  
 REVISED: \$DATE2\$



WATCO  
 ENGINEERING STANDARDS  
 TYPICAL CROSS SECTION DETAIL  
 LIGHT TRAFFIC LINES & INDUSTRY TRACK

SECTION NO.	5000
STANDARD DRAWING	ENG. 5000.101
REVISION	SHEET NO.
REV-01	01 OF 01
SCALE	NTS