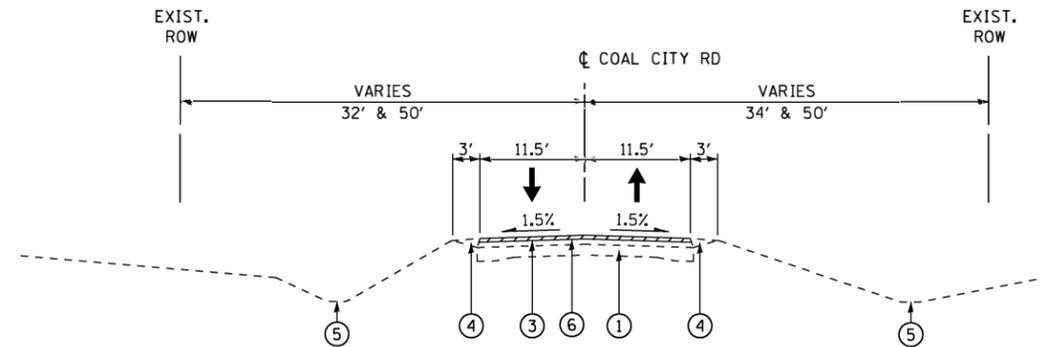


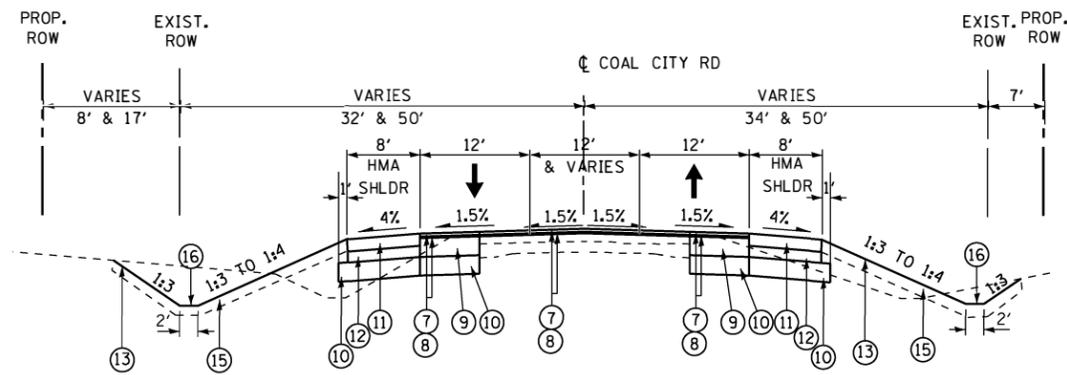
LEGEND

- ① EXISTING PCC BASE COURSE, 9"-6"-9"
- ② EXISTING BASE COURSE WIDENING
- ③ EXISTING HMA SURFACE, VARIES 3"-6"
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING DITCH
- ⑥ PROPOSED HMA SURF. REMOVAL, 3"
- ⑦ PROPOSED POLY HMA SURF. COURSE, MIX "E", IL-9.5, N70, 2"
- ⑧ PROPOSED POLY HMA BINDER COURSE, IL-4.75, N50, 1"
- ⑨ PROPOSED HOT-MIX ASPHALT BASE COURSE, 7 1/4"
- ⑩ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑪ PROPOSED HOT-MIX ASPHALT SHOULDER, 8"
- ⑫ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C
- ⑬ PROPOSED SEEDING
- ⑭ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B & GRADING AND SHAPING SHOULDERS
- ⑮ PROPOSED TOP SOIL, 8"
- ⑯ PROPOSED GRADED DITCH, 2' BOTTOM



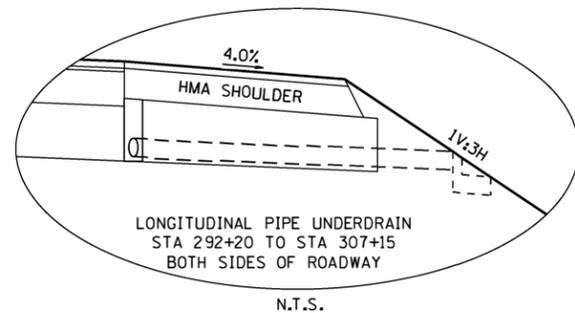
EXISTING TYPICAL SECTION

COAL CITY ROAD
STA. 292+20 TO STA. 307+15



PROPOSED TYPICAL SECTION

COAL CITY ROAD
STA. 292+20 TO STA. 307+15



NOTE: THIS PROJECT REQUIRES MILLING BEFORE PATCHING.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, (IL-9.5 mm), 2"	4% AT 70 GYR.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"	3.5% AT 50 GYR.	QC/QA
PAVEMENT WIDENING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, (IL-9.5 mm), 2"	4% AT 70 GYR.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"	3.5% AT 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19 mm), 7 1/4"	4% AT 90 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE WIDENING, (HMA BINDER IL-19 mm), 7 1/4"	4% AT 90 GYR.	QC/QA
HMA SHOULDERS 8"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 mm), 2"	4% AT 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, N90, (IL-19.0 mm), 6"	4% AT 90 GYR.	QC/QA
CLASS D PATCHES (SPECIAL) 11" - IL 129 STA. 394+40 TO STA. 437+93		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5 mm), 2"	4% AT 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, N70, (IL-19.0 mm), 9"	4% AT 70 GYR.	QC/QA
PATCHING FOR RESURFACING		
CLASS D PATCHES (HMA BINDER IL-19 mm), 11"	4% AT 70 GYR.	QC/QA
TEMPORARY PAVEMENT		
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5 mm), 2"	4% AT 70 GYR.	QC/QA
HMA BINDER COURSE, IL-19.0, N70, 8" ON IL 129, 6" ON COAL CITY ROAD	4% AT 70 GYR.	QC/QA
DRIVEWAYS & ENTRANCES OVER CULVERT REPLACEMENTS		
HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% AT 50 GYR.	QC/QA
HMA BASE COURSE (HMA BINDER IL-19 mm), 8"	4% AT 50 GYR.	QC/QA

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO YD/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, PCC PAVEMENT 8" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

2 REVISED SHEET 4/14/2021

MODEL: Default
FILE NAME: \\h:\planroom\dot\illinois.gov\PH\DOT\Documents\DOT_Offices\District_1\Project\1166009\CADD\Design\1166009-ash-typical.dgn

USER NAME = MORDENAE	DESIGNED -	REVISED -	△ AEM 4/13/2021
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/12/2021	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL ROUTE 129 AT COAL CITY ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
381	90-N	WILL	169	16
CONTRACT NO. 60T30				
ILLINOIS FED. AID PROJECT				