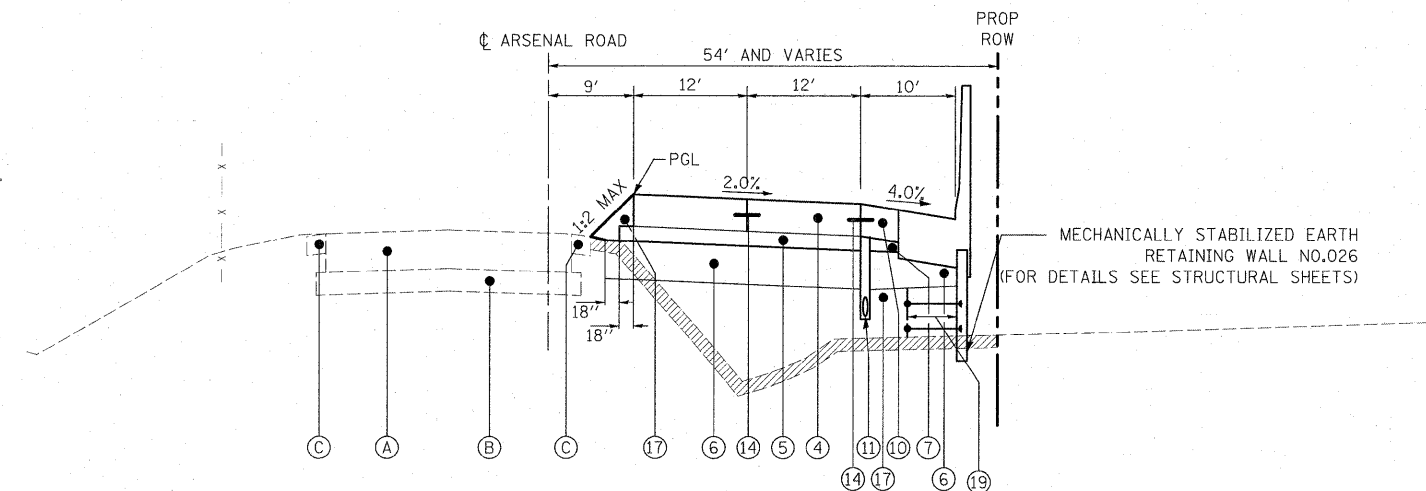


PROPOSED TYPICAL SECTION - ARSENAL ROAD (NORTHBOUND)
 STA. 900+00 TO STA. 908+00
 STA. 915+96.06 TO STA. 919+75



PROPOSED TYPICAL SECTION - ARSENAL ROAD (NORTHBOUND)
 STA. 908+00 TO STA. 915+96.06

TOPSOIL SHALL BE PLACED ONLY IN LOCATIONS OF PERMANENT SEEDING. SEE LANDSCAPE PLAN FOR LIMITS/LOCATIONS.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"	4% @ 70 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"	4% @ 70 Gyr.
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"	4% @ 70 Gyr.
HOT-MIX ASPHALT SHOULDERS, 8" OR HOT-MIX ASPHALT SHOULDERS, 10"	
HMA SHOULDER (HMA BINDER IL-19 mm)	2% @ 30 Gyr.
TEMPORARY PAVEMENT (12") (SEE NOTE 5)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm), 1 1/2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, 10 1/2" (IN 4 LIFTS)	4% @ 50 Gyr.
STABILIZED SUB-BASE HOT-MIX ASPHALT, 4 1/2"	
STABILIZED SUBBASE HMA, BAM	2% @ 30 Gyr.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5 mm), 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm), 8"	4% @ 50 Gyr.
LEVELING BINDER (MACHINE METHOD), N70	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	4% @ 70 Gyr.

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 NOTE 2: FOR "AC TYPE" AND "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.
 NOTE 3: THE CONTRACTOR SHALL HAVE THE OPTION OF INSTALLING 10" P.C.C. PAVEMENT OR 12" HOT-MIX ASPHALT PAVEMENT AS TEMPORARY PAVEMENT.
 NOTE 4: A SURFACE COURSE IS NOT REQUIRED IF TEMPORARY PAVEMENT IS REMOVED WITHIN THE SAME CONSTRUCTION SEASON; USE BASE OR BINDER COURSE FULL DEPTH.
 NOTE 5: FROM ARSENAL ROAD STATION 904+00 TO 909+00 THE TEMPORARY PAVEMENT WILL BE PAID FOR PER TON OF BINDER AND SURFACE SPECIFIED IN THE MIX CHART. AT ALL OTHER LOCATIONS IT SHALL BE PAID PER SQUARE YARD.

EXISTING LEGEND

- (A) HMA PAVEMENT, 12" AND VARIES
- (B) AGGREGATE BASE COURSE, 7" AND VARIES
- (C) AGGREGATE SHOULDERS, VARIES
- (D) PCC PAVEMENT, 10" OR HMA PAVEMENT, 12"

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
 - (2) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10"
 - (3) HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
 - (4) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
 - (5) STABILIZED SUB-BASE - HOT MIX ASPHALT, 4 1/2"
 - (6) AGGREGATE SUBGRADE 12"
 - (7) SUB-BASE GRANULAR MATERIAL, TYPE B
 - (8) AGGREGATE SHOULDERS, TYPE B 8"
 - (9) AGGREGATE SHOULDERS, TYPE B 10"
 - (10) PORTLAND CEMENT CONCRETE SHOULDERS 10"
 - (11) PIPE UNDERDRAINS 6", 36" NOMINAL DEPTH
 - (12) NOT USED
 - (13) CONCRETE BARRIER BASE
 - (14) LONGITUDINAL CONSTRUCTION JOINT NO. 8 x 24" TIE BARS AT 24" CTS.
 - (15) LONGITUDINAL SAWED JOINT NO. 8 x 30" TIE BARS AT 30" CTS.
 - (16) TOPSOIL EXCAVATION AND PLACEMENT
 - (17) PROPOSED EMBANKMENT
 - (18) PROPOSED DRAINAGE DITCH
 - (19) REINFORCED FILL
 - (20) PAVEMENT (BY OTHERS)
 - (21) SHOULDERS (BY OTHERS)
 - (22) SUB-BASE (BY OTHERS)
 - (23) SUBGRADE (BY OTHERS)
 - (24) LEVELING BINDER (MACHINE METHOD), N70
- TOPSOIL / UNSUITABLE EXCAVATION

FILE NAME = D160C31-SHT-TYPICAL02.dgn	USER NAME = jlatour	DESIGNED = DMB	REVISED =
		DRAWN = DMB	REVISED =
		CHECKED = DLT	REVISED =
		DATE = 12/18/09	REVISED =

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	13
CONTRACT NO. 60C31				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				