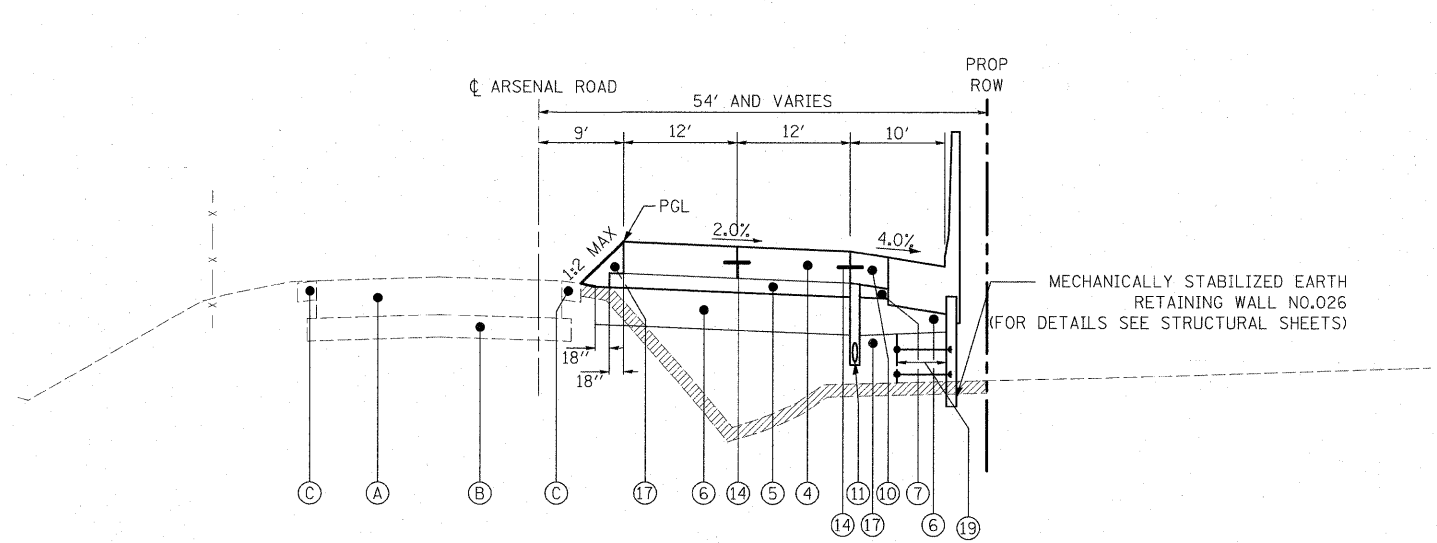


PROPOSED TYPICAL SECTION - ARSENAL ROAD (NORTHBOUND)  
 STA. 900+00 TO STA. 908+00  
 STA. 915+96.06 TO STA. 919+75



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
<b>HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 10"</b>	
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.
<b>PAVEMENT RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"	4% @ 70 Gyr.
<b>HOT-MIX ASPHALT SHOULDERS, 8" OR HOT-MIX ASPHALT SHOULDERS, 10"</b>	
HMA SHOULDER (HMA BINDER IL-19 mm)	2% @ 30 Gyr.
<b>TEMPORARY PAVEMENT (12") (SEE NOTE 5)</b>	
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.
<b>STABILIZED SUB-BASE HOT-MIX ASPHALT, 4 1/2"</b>	
STABILIZED SUBBASE HMA, BAM	2% @ 30 Gyr.
<b>DRIVEWAYS</b>	
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.
<b>LEVELING BINDER (MACHINE METHOD), N70</b>	
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

McDonough Associates Inc.  
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 130 East Randolph Street, Chicago, Illinois 60601

FILE NAME = D150C31-SHT-TYPICAL02.dgn	USER NAME = jleaur	DESIGNED - DMB	REVISED -
		DRAWN - DMB	REVISED -
		CHECKED - DLT	REVISED -
		DATE - 12/18/09	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 2 OF 5 SHEETS STA. TO STA.

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				

**FINAL**