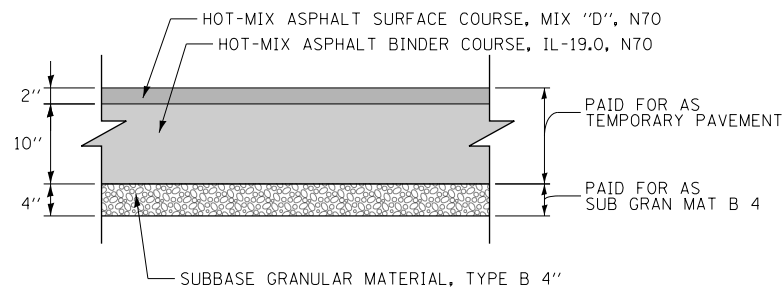
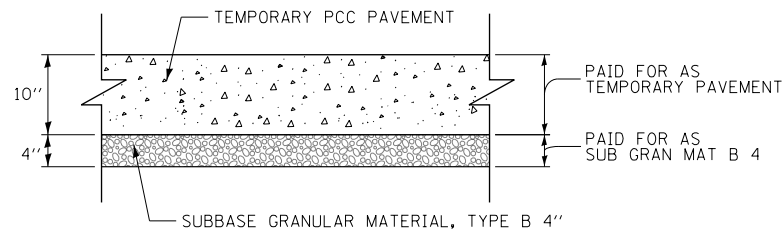


**TEMPORARY PAVEMENT DETAILS:**

**DETAIL A: FULL DEPTH TEMPORARY HMA PAVEMENT**



**DETAIL B: TEMPORARY PCC PAVEMENT**



**TEMPORARY PAVEMENT GENERAL NOTES:**

1. THE CONTRACTOR SHALL HAVE THE OPTION OF USING HMA OR PCC SECTION FOR TEMPORARY PAVEMENT.
2. TEMPORARY HMA TEMPORARY PAVEMENT SHALL CONSIST OF TWO ITEMS: HMA BINDER COURSE AND HMA SURFACE COURSE.
3. PORTLAND CEMENT CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ARTICLE 1020 OF THE STANDARD SPECIFICATIONS. PORTLAND CEMENT CONCRETE TEMPORARY PAVEMENT DOES NOT REQUIRE DOWEL BARS.

**HOT MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS (%) @NDES
PAVEMENT RESURFACING	
PEORIA STREET	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm): 1-3/4"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: VARIES 2-1/4" TO 5-1/4" (IN 1 OR 2 LIFTS)	4% @ 70 GYR
PAVEMENT RECONSTRUCTION	
PEORIA STREET	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm): 1-3/4"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 2-1/4"	4% @ 70 GYR
UNIVERSITY OF ILLINOIS AT CHICAGO PARKING LOT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm): 2"	4% @ 70 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm): 8"	4% @ 70 GYR
TEMPORARY PAVEMENT (IF HMA OPTION IS SELECTED BY CONTRACTOR)	
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HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5 mm): 2"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70: 10" (IN 4 LIFTS)	4% @ 70 GYR

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

**AGGREGATE SUBGRADE IMPROVEMENT AND GEOTECHNICAL FABRIC FOR GROUND STABILIZATION**

AN ESTIMATED QUANTITY OF UNDERCUT, AGGREGATE SUBGRADE IMPROVEMENT (ASI) AND GEOTECHNICAL FABRIC HAS BEEN INCLUDED. AGGREGATE SUBGRADE IMPROVEMENT (ASI), HAS BEEN PROVIDED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS TO BE PLACED BELOW THE ASI. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH EITHER A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE UNDERCUT GUIDELINES IN THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) DISTRICT I ASI SPECIAL PROVISION. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH ASI AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

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STRUCTURAL DESIGN TRAFFIC:	YEAR	<u>2015</u>
PV= _____	SU= _____	MU= _____
ROAD/STREET CLASSIFICATION:	CLASS	<u>I</u>
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P= _____	S= _____	M= _____
TRAFFIC FACTOR:	ACTUAL TF= _____	AC TYPE= _____
	MINIMUM TF= _____	
PG GRADE:	BINDER= _____	SURFACE= _____
SUBGRADE SUPPORT RATING		
SSR= <u>POOR</u>		

FILE PATH = p:\388035\pmt\lsc\comon\me\local\p\ME\CD\000\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_1\1\000\_CAD\005\_Roadway\Sheets\60W29\_sht-Typical-03.dgn



DI60W29-sht-Typical-03.dgn	DESIGNED - JLV	REVISED - <u>A</u> 12/18/2013
USER NAME = BAW:tor t	DRAWN - BAW	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 12/19/2013	DATE - 10/30/2013	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
TEMPORARY PAVEMENT

SCALE: NONE SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	25
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT				