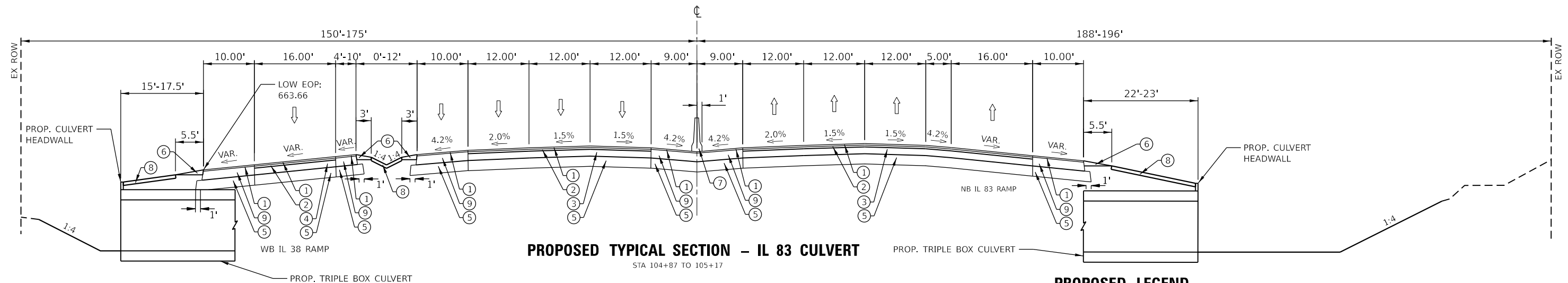


HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QMP
MIXTURE TYPE	AIR VOIDS @ NDES	
PAVEMENT RECONSTRUCTION		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F", N80 (1 3/4")	3.5% @ 80 GYR	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (2 1/4")	4.0% @ 90 GYR	QC/QA
HMA SHOULDER		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F", N80 (1 3/4")	3.5% @ 80 GYR	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (10 1/4")	4.0% @ 70 GYR	QC/QA
TEMPORARY PAVEMENT (11")		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (2")	4.0% @ 70 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (9")	4.0% @ 70 GYR	QC/QA

QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA)

NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ 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. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.



PROPOSED TYPICAL SECTION - IL 83 CULVERT
STA 104+87 TO 105+17

PROPOSED LEGEND

- ① POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"
- ② POLYMERIZED HMA BINDER COURSE IL-19.0, N90, 2 1/4"
- ③ CLASS A PAVEMENT PATCH (IL-83) - 8" CRC
- ④ CLASS B PAVEMENT PATCH (IL-83 SB RAMP) - 8" PCC
- ⑤ AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑥ AGGREGATE SHOULDERS, TYPE B, 6"
- ⑦ CONCRETE BARRIER
- ⑧ TOPSOIL EXCAVATION AND PLACEMENT, 4"
- ⑨ POLYMERIZED HMA BINDER COURSE IL-19.0, N70, 10 1/4"

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USER NAME = khejtmanek	DESIGNED - KH	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - AP	REVISED -
PLOT DATE = 3/10/2021	DATE - 3/11/2021	REVISED -

TYPICAL SECTIONS IL 83			
SCALE: NONE	SHEET 2	OF 3 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	2020-196-T	DUPAGE	122	14
CONTRACT NO. 62M69			ILLINOIS FED. AID PROJECT	