

- HOT MIX ASPHALT SURFACE REMOVAL, 4"
- PAVEMENT REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- EARTH EXCAVATION

- ① EXISTING PCC PAVEMENT, VARIES 5"-10"
- ② EXISTING HMA SURFACE, VARIES 4"-6"
- ③ EXISTING CONCRETE CURB AND GUTTER OR CONCRETE BARRIER WALL
- ④ EXISTING CONCRETE CORRUGATED MEDIAN OR CONCRETE BARRIER WALL MEDIAN
- ⑥ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2"
- ⑦ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2"
- ⑧ PROPOSED HOT-MIX ASPHALT BASE COURSE, 10"
- ⑨ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ⑩ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑪ PROPOSED CONCRETE BARRIER WALL (SPECIAL) AND CONCRETE BARRIER BASE

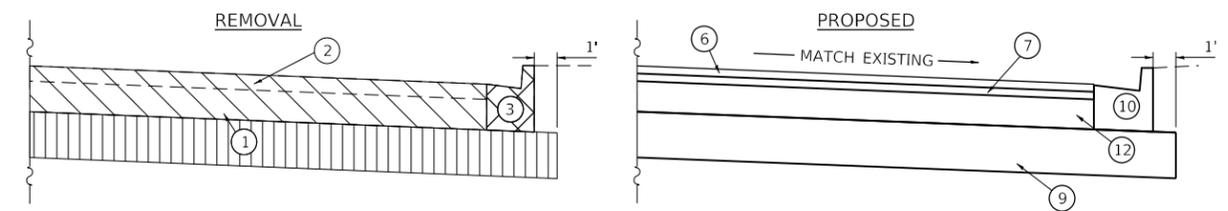
LEGEND

HMA MIXTURE REQUIREMENTS CHART

OPERATION	MIXTURE TYPE	AIR VOIDS (%) @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2"	3.5% @ 80 GYR.	QCP
	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2"	4% @ 70 GYR.	QC/QA
PAVEMENT RECONSTRUCTION	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2"	3.5% @ 80 GYR.	QCP
	HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19.0), 10"	4% @ 70 GYR.	QCP
DRIVEWAY	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% @ 50 GYR.	QC/QA
	HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19.0), 8"	4% @ 50 GYR.	QC/QA
CLASS D PATCHES	HOT-MIX ASPHALT BINDER, IL-19.0, 8"	4% @ 70 Gyr.	QC/QA

QUALITY MANAGEMENT PROGRAM (QMP) DESIGNATION:
 QUALITY CONTROL/QUALITY ASSURANCE (QC/QA)
 QUALITY CONTROL FOR PERFORMANCE (QCP)

- NOTES:
- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SY/IN.
 - THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR 76-22", AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIAL PROVISIONS.
 - LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE BINDER IL-9.5 LIFT, ALSO UNDER AND OVER THE TOP BASE COURSE LIFT.



- LEGEND**
- COMBINATION CURB AND GUTTER REMOVAL
 - REMOVAL (INCLUDED IN COST OF PATCH)
 - ① EXISTING PCC PAVEMENT, VARIES 5"-10"
 - ② EXISTING HMA SURFACE, VARIES 4"-6"
 - ③ EXISTING CONCRETE CURB AND GUTTER
 - ⑥ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 2"
 - ⑦ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2"
 - ⑨ AGGREGATE SUBGRADE IMPROVEMENT, 12"
 - ⑩ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - ⑫ PROPOSED CLASS D PATCHES, 8 INCH

CLASS D PATCH DETAIL

FILE NAME = Q:\Engineering\LiveProjects\20002_IDOT_DURWO 11 - 62H38\CADD\CADD Sheets\CURB\62H38-ah-typical3.dgn



USER NAME = dwojck	DESIGNED - JJD	REVISED - 02/16/2021 - DW
PLOT SCALE = 8,000' / in.	DRAWN - DW	REVISED -
PLOT DATE = 2/16/2022	CHECKED - JJD	REVISED -
	DATE - 10/15/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS AND DETAILS	
US ROUTE 14	
SCALE:	SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3512	2018-109-R5, SW&T	COOK	130	13
CONTRACT NO. 62H38				
ILLINOIS FED. AID PROJECT SVKQ(134)				

REVISED SHEET 2/17/2022