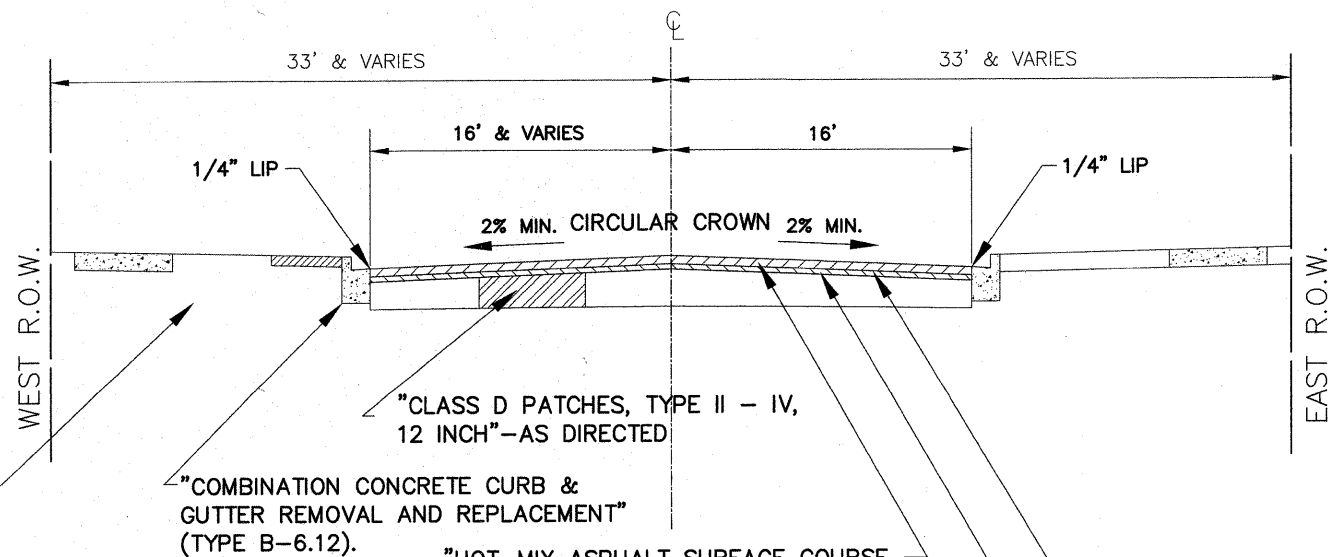


EXISTING



PROPOSED

TYPICAL CROSS SECTIONS

SCALE: 1"=5'

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING.

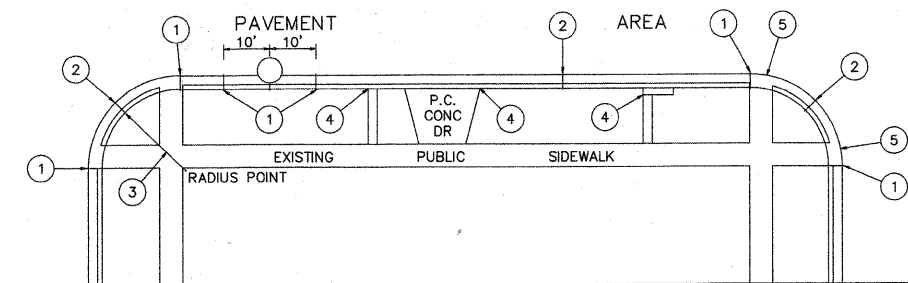
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	PERCENT AIR VOIDS
ROADWAY	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1-3/4" (IL-9.5mm)	4% @ 50 GYR
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"	4% @ 50 GYR
PATCHING	
CLASS D PATCHES, TYPE II-IV, 12", (HMA BINDER IL-19.0mm)	4% @ 70 GYR

THE UNIT WEIGHT TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

"THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS"

"FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS"



- EXPANSION JOINTS AT TANGENT POINTS AND 150 FOOT INTERVALS, CONSISTING OF ONE INCH PREMOLDED JOINT FILLER MATERIAL WITH #8 DOWEL BARS, 18" IN LENGTH, GREASED, PROVIDE EXPANSION CAP ON ONE END. ALSO CONSTRUCT THIS JOINT TEN FEET EACH SIDE OF PROPOSED UNDERGROUND STRUCTURE.
- CONTRACTION JOINTS AT TWENTY-FIVE FOOT INTERVALS AND AT THE CENTER OF RETURNS.
- ALL RADII SHALL BE 25 FEET TO THE BACK OF CURB UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- LONGITUDINAL EXPANSION JOINT CONSISTING OF ONE INCH PREMOLDED JOINT FILLER.
- DEPRESS CURB AT LOCATIONS WHERE PUBLIC WALKS INTERSECT CURB LINE AT STREET INTERSECTIONS, ALLEYS, AND OTHER LOCATIONS AS DIRECTED, FOR THE CONSTRUCTION OF RAMPED SIDEWALKS FOR ACCESS BY THE HANDICAPPED.

JOINT DETAIL

IMPORTANT!

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES INDICATED IN TITLE BLOCK.

Frank Novotny & Associates, Inc.
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 ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-000628

TYPICAL CROSS SECTIONS
 HOT-MIX ASPHALT MIXTURE REQUIREMENTS

GENERAL NOTES, JOINT DETAILS,
 SUMMARY OF QUANTITIES

FILE NAME =	USER NAME =	DESIGNED - THK	REVISED - THK 3-12-10
		DRAWN - JFP-JEP	REVISED - THK 4-05-10
	PLOT SCALE = AS NOTED	CHECKED - THK	REVISED -
	PLOT DATE =	DATE - 1-26-10	REVISED -

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3587	08-00044-00-RS	COOK	18	3
CONTRACT NO. 63452				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	M-9003(211)	