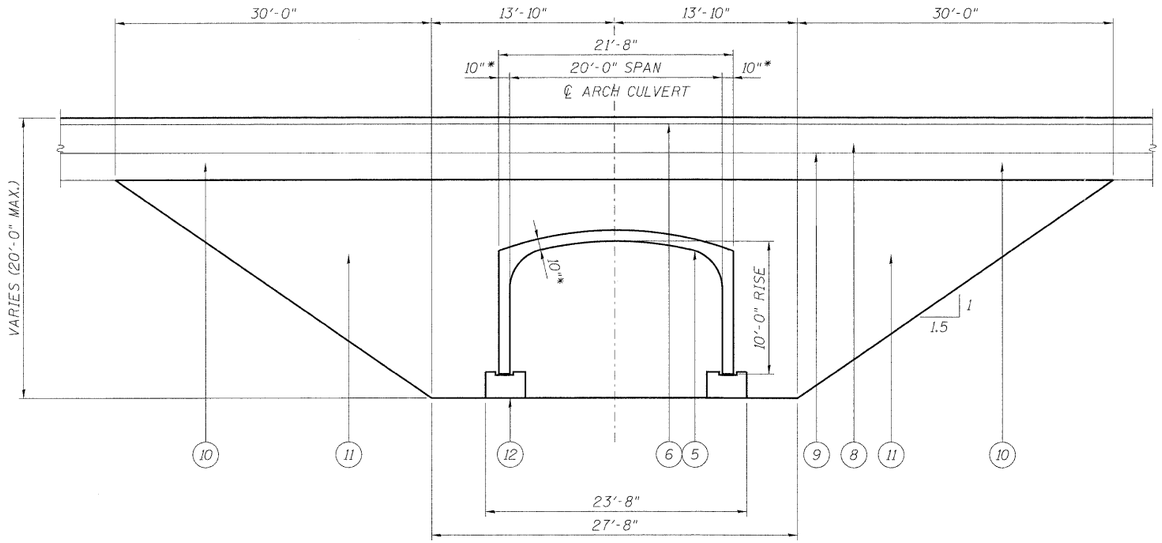
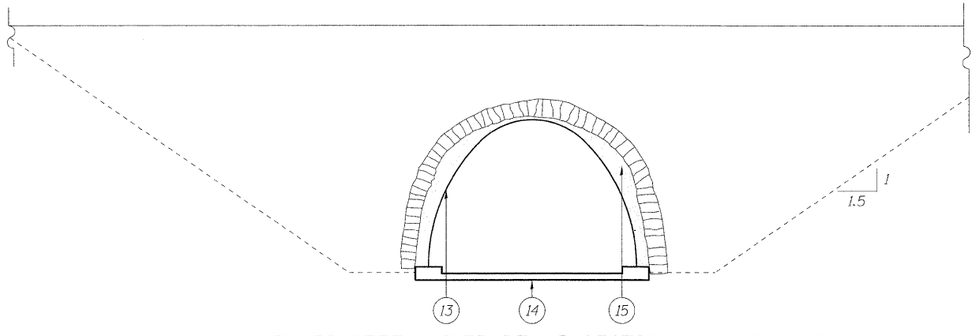


PROPOSED 3-SIDED PCC STRUCTURE SECTION LOOKING WEST

NO SCALE

STREAM STA. 2+60 TO 3+17.42

NOTE:
SLAB AND WALL THICKNESSES MAY VARY AS PER MANUFACTURER'S DESIGN



PROPOSED STEEL LINER REHAB SECTION LOOKING WEST

NO SCALE

STREAM STA.2+36.26 TO 2+60 AND STA. 3+17.42 TO 3+41.85

LEGEND

(5) THREE-SIDED PRECAST CONCRETE STRUCTURES, 20' x 10'
(6) PROPOSED HMA SURFACE COURSE, MIX "D", N70, 2"
(7) PROPOSED LEVELING BINDER (MACHINE METHOD), N70, $\frac{3}{4}$"
(8) PROPOSED HMA BINDER COURSE IL-19.0, N70, 12" (IN 4 LIFTS)
(9) BITUMINOUS MATERIALS (PRIME COAT)
(10) AGGREGATE SUBGRADE, 12"
(11) COARSE AGGREGATE BACKFILL (SPECIAL)
(12) PROPOSED CONCRETE FOOTINGS FOR 3-SIDED STRUCTURE *
(13) PROPOSED CORRUGATED STEEL ARCH LINER
(14) PROPOSED CONCRETE PAD AND FOOTINGS FOR STEEL LINER *
(15) PROPOSED GROUT TO FILL VOIDS **

* PAID AS CONCRETE STRUCTURES

** NOT PAID FOR SEPERATELY, BUT INCLUDED IN THE COST OF CORRUGATED STEEL ARCH LINER

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	DESIGN AIR VOIDS	THICKNESS
ROADWAY RECONSTRUCTION		
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5 mm)	4% @ 70 GYR	2"
HMA BINDER COURSE, IL-19.0, N70	4% @ 70 GYR	12"
ROADWAY RESURFACING		
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5 mm)	4% @ 70 GYR	2"
LEVELING BINDER (MACHINE METHOD), N70	4% @ 70 GYR	$\frac{3}{4}$"
PAVEMENT PATCHING		
CLASS D PATCH (HMA BINDER IL-19 mm)	4% @ 70 GYR	9"
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	$2\frac{1}{2}$"

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LBS/SQ-YD/IN.

THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

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

LOMCO, INC.
CONSULTING ENGINEERS
1560 WALL ST. SUITE 222
NAPERVILLE, ILLINOIS 60563 PH: (630) 577-9100

DESIGNED - SLV	REVISED -	
DRAWN - SLV	REVISED -	
CHECKED - MJY, ST	REVISED -	
DATE - 10/14/2011	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL ROUTE 171 OVER MILNE CREEK

SCALE: NONE | SHEET NO. 2 OF 3 SHEETS | STA. 60+40 TO STA. 63+68

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
577	D-T	WILL	44	6
	D-91-265-06	CONTRACT NO. 60B10		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		