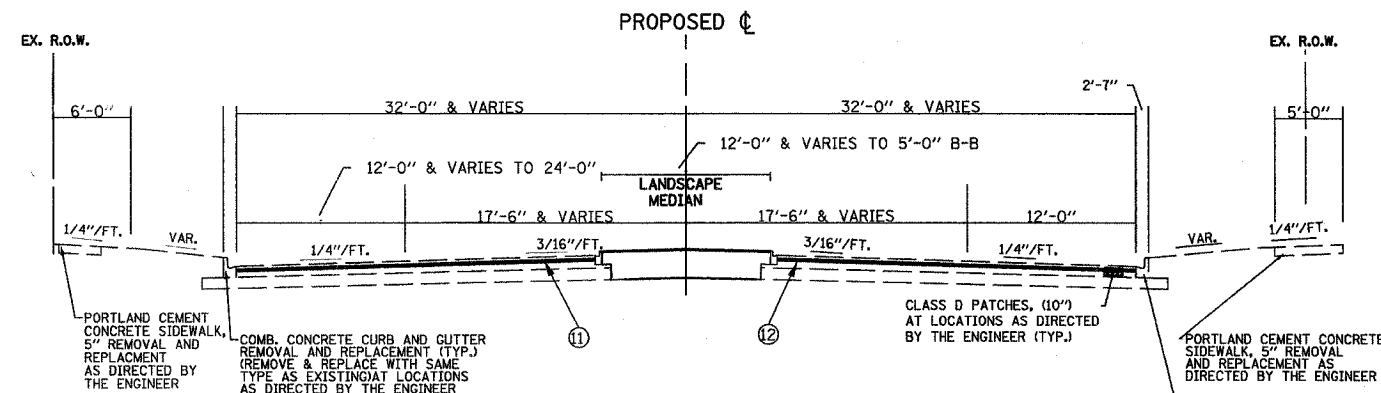
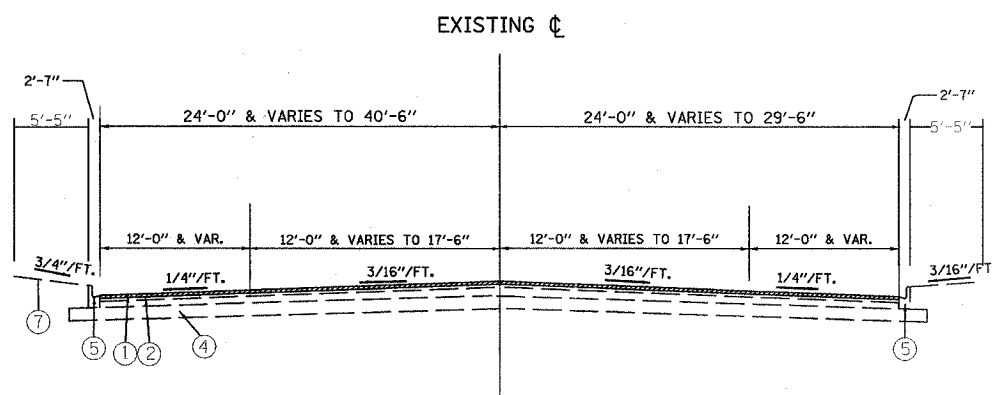


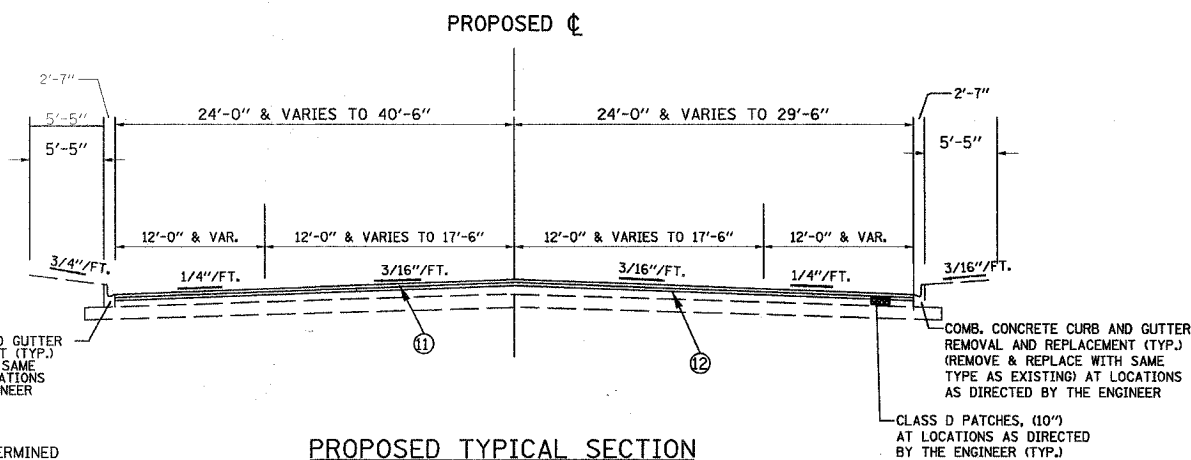
**EXISTING TYPICAL SECTION**  
**NAPER BOULEVARD**  
 STA. 39+29 TO 43+62  
 STA. 73+78 TO 80+28



**PROPOSED TYPICAL SECTION**  
**NAPER BOULEVARD**  
 STA. 39+29 TO 43+62  
 STA. 73+78 TO 80+28



**EXISTING TYPICAL SECTION**  
**NAPER BOULEVARD**  
 STA. 13+75 TO 35+00  
 STA. 36+32 TO 39+29  
 STA. 41+00 TO 72+38  
 STA. 80+58 TO 83+55



**PROPOSED TYPICAL SECTION**  
**NAPER BOULEVARD**  
 STA. 13+75 TO 35+00  
 STA. 36+32 TO 39+29  
 STA. 41+00 TO 72+38  
 STA. 80+58 TO 83+55

NOTE: AT LOCATIONS OF UNSUITABLE MATERIAL, AS DETERMINED BY THE ENGINEER, THE SUBGRADE TREATMENT WILL CONSIST OF EXCAVATION OF UNSUITABLE MATERIAL TO A DEPTH OF 12 INCHES BELOW AGGREGATE BASE COURSE AND PLACEMENT OF 12" OF POROUS GRANULAR EMBANKMENT SUBGRADE.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

ITEM	AC TYPE	VOIDS
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (2")	SBS/SBR PG 70-22	4% @ 90 Gyr.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 Gyr.
CLASS D PATCHES (HMA BINDER IL-19mm)	PG 64-22*	4% @ 70 Gyr.
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	PG 64-22*	4% @ 70 Gyr.
DRIVEWAYS HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm); 3"	PG 64-22	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN  
 \* WHEN RAP EXCEEDS 20%, THEN NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

**LEGEND**

- ① HOT-MIX ASPHALT SURFACE REMOVAL (2 3/4" AND VARIES)
- ② EXISTING HMA PAVEMENT 11"
- ③ NOT USED
- ④ SUBBASE GRANULAR MATERIAL 4"
- ⑤ EXISTING COMBINATION CURB & GUTTER TYPE B-6:24
- ⑥ EXISTING COMBINATION CURB & GUTTER TYPE B-6:12 (REVERSE PITCH GUTTER)
- ⑦ TOPSOIL AND GRASS
- ⑧ EXISTING PCC SIDEWALK 5 INCH
- ⑨ EXISTING TOPSOIL
- ⑩ EXISTING SEEDING
- ⑪ POLYMERIZED HOT-MIX ASPHALT SURFACE MIX "F", N90, 2"
- ⑫ POLYMERIZED HMA LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4" MIN.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**NAPER BOULEVARD**  
**TYPICAL SECTIONS**  
 DRAWN BY: SDJ  
 DATE: Apr 11, 2008  
 CHECKED BY: DDL