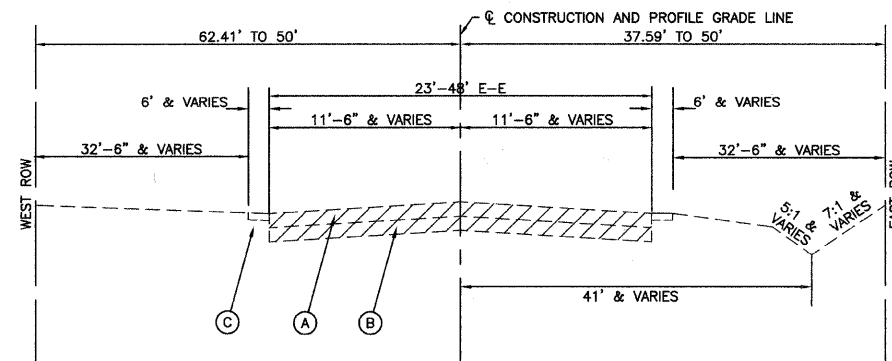
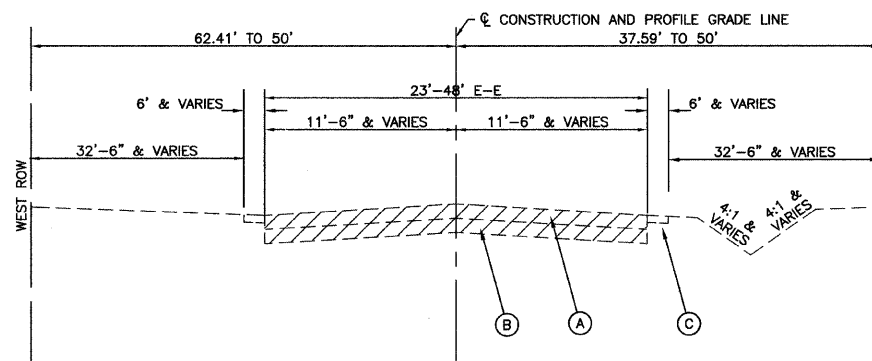


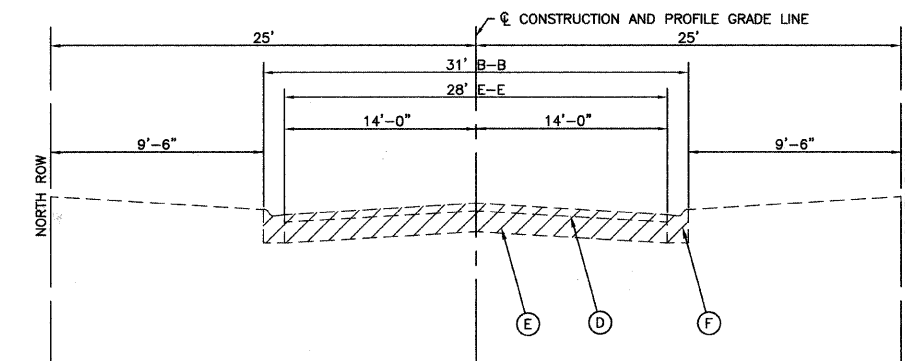
CONTRACT #63061



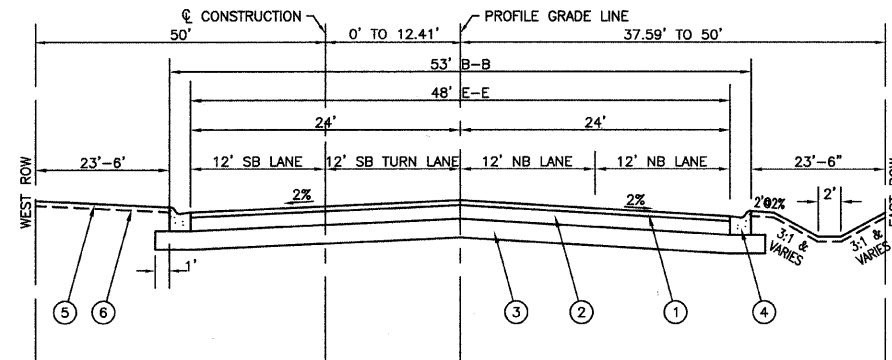
EXISTING TYPICAL CROSS SECTION
STATE STREET
STA 3+50 TO STA 7+15



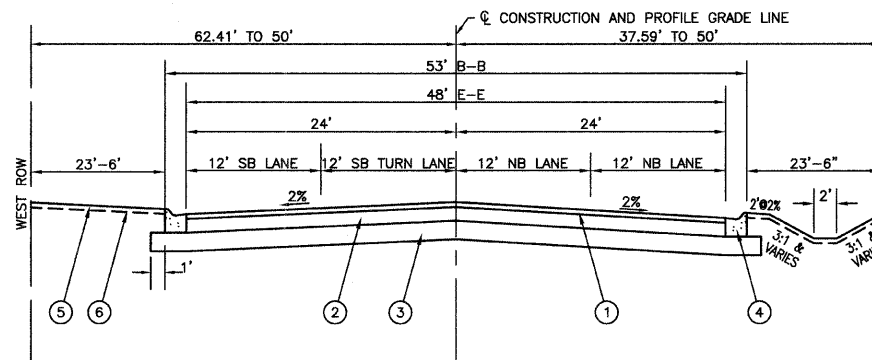
EXISTING TYPICAL CROSS SECTION
STATE STREET
STA 7+15 TO STA 22+44.15



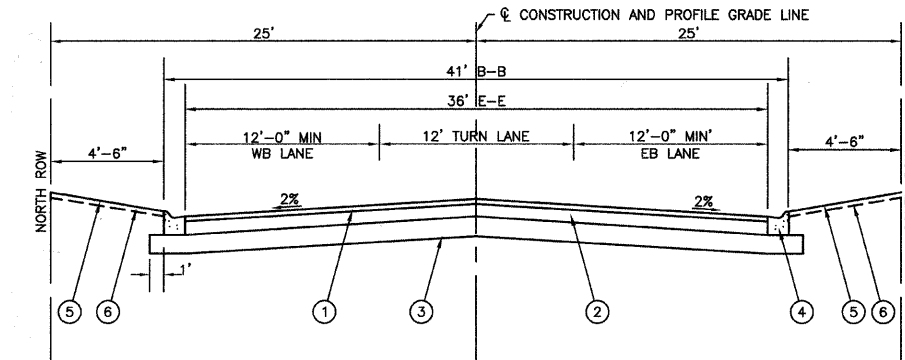
EXISTING TYPICAL CROSS SECTION
168TH STREET



PROPOSED TYPICAL CROSS SECTION
STATE STREET
STA 3+50 TO STA 7+15



PROPOSED TYPICAL CROSS SECTION
STATE STREET
STA 7+15 TO STA 22+44.15



PROPOSED TYPICAL CROSS SECTION
168TH STREET

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS
FULL DEPTH PAVEMENT		
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N70(IL-9.5mm); 2"	PG 64-22	4% @ 70 Gyr.
HOT MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10"	PG 64-22 *	4% @ 70 Gyr.
DRIVEWAYS		
HOT MIX ASPHALT SURFACE COURSE, MIX "C", N50(IL-9.5mm); 2"	PG 64-22	4% @ 50 Gyr.
HOT MIX ASPHALT BASE COURSE, (HMA BINDER IL-19.0mm); 8"	PG 64-22 *	4% @ 50 Gyr.
TEMPORARY PAVEMENT		
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50(IL-9.5mm); 2"	PG 64-22	4% @ 50 Gyr.
TEMP PAVEMENT (HMA BINDER, IL-19.0mm), 6"	PG 64-22 *	4% @ 50 Gyr.

NOTE:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
2. *WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

EARTHWORK QUANTITIES
TOTAL CUT = 8450 CY
TOTAL TOPSOIL (ESTIMATED) = 700 CY
TOTAL AVAILABLE CUT TO FILL = 7750 CY
TOTAL FILL = 547 CY
CUT TO FILL (15% SHRINKAGE) = 629 CY

LEGEND

- | | |
|---|--|
| ① HMA SURFACE COURSE, MIX "D", N70-2" | Ⓐ 6" HMA PAVEMENT & VARIES |
| ② HMA BINDER COURSE, IL-19.0, N70, 10" | Ⓑ 6" PORTLAND CEMENT CONCRETE BASE COURSE & VARIES |
| ③ AGGREGATE SUB-GRADE 12" | Ⓒ 7" SAND & GRAVEL SHOULDER & VARIES |
| ④ PROP. B-6.24 COMBINATION CONCRETE CURB & GUTTER | Ⓓ 4" HMA PAVEMENT & VARIES |
| ⑤ SEEDING, CLASS 2A | Ⓔ 9" SAND & GRAVEL BASE COURSE & VARIES |
| ⑥ TOPSOIL FURNISH AND PLACE, 4" | Ⓕ CONCRETE CURB & GUTTER |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STATE STREET AND 168TH STREET
INTERSECTION IMPROVEMENT
TYPICAL CROSS SECTIONS

SCALE: VERT. NA
HORIZ. NA
DATE 7/22/08

DRAWN BY RG
CHECKED BY EA/PKB

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ILLINOIS DESIGN FIRM REGISTRATION NO. 184001202

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