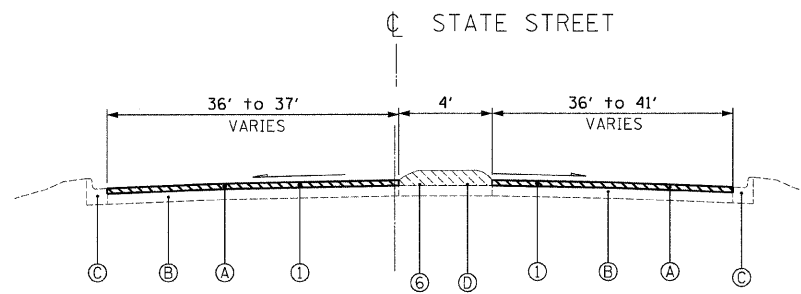
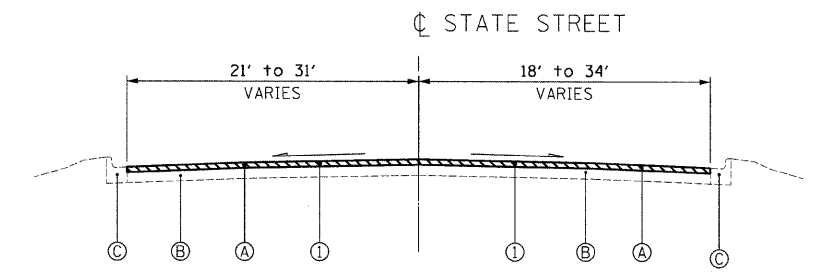


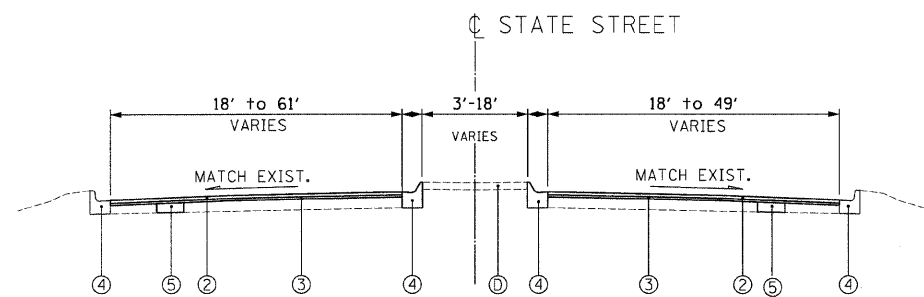
EXISTING TYPICAL SECTION
STA. 11+43 TO STA. 34+30
STA. 45+82 TO STA. 51+23



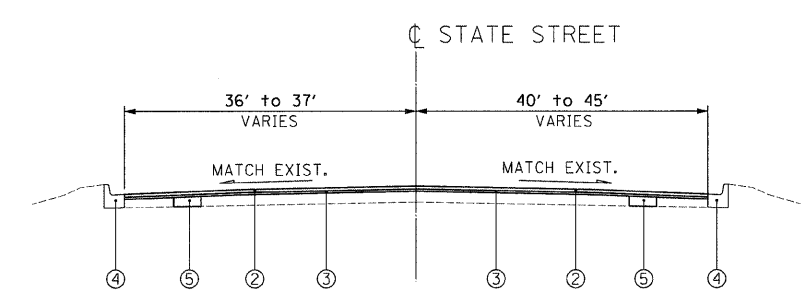
EXISTING TYPICAL SECTION
STA. 34+30 TO STA. 38+09



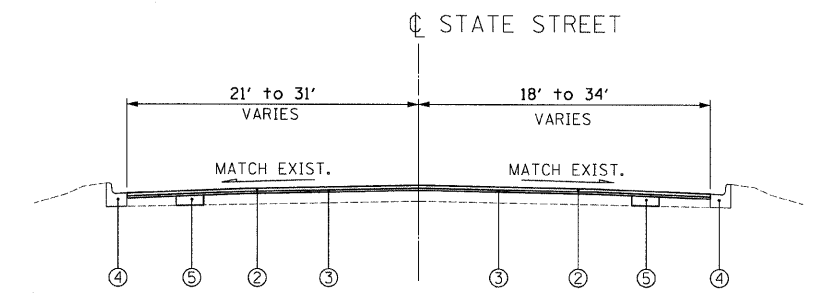
EXISTING TYPICAL SECTION
STA. 38+09 TO STA. 45+82
STA. 51+23 TO STA. 72+04



PROPOSED TYPICAL SECTION
STA. 11+43 TO STA. 34+30
STA. 45+82 TO STA. 51+23



PROPOSED TYPICAL SECTION
STA. 34+30 TO STA. 38+09



PROPOSED TYPICAL SECTION
STA. 38+09 TO STA. 45+82
STA. 51+23 TO STA. 72+04

EXISTING CONDITIONS:

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 3" AND VARIES
- (B) PORTLAND CEMENT CONCRETE BASE COURSE, 10" +/-
- (C) COMBINATION CONCRETE CURB AND GUTTER
- (D) RAISED PORTLAND CEMENT CONCRETE MEDIAN

PROPOSED IMPROVEMENTS:

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- (4) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY ENGINEER)
- (5) CLASS D PATCHES, 10" (DETERMINED BY ENGINEER IN FIELD)
- (6) MEDIAN REMOVAL PARTIAL DEPTH, 4"

A QUANTITY FOR LEVELING BINDER (HAND METHOD) HAS BEEN PROVIDED FOR USE AT PRIVATE ENTRANCES, AROUND HAND HOLES, PRIVATE UTILITY STRUCTURE FRAMES, AND ANY OTHER STRUCTURE FRAMES THAT ARE NOT ABLE TO BE LOWERED UNDER THE ITEM "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)" AFTER GRINDING OF EXISTING PAVEMENT.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART

OPERATIONS	MIXTURE TYPE	AC TYPE	PERCENT AIR VOIDS
ROADWAY RESURFACING	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5MM)	PG 64-22	4% @ 70 GYR
	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBS/SBR PG 76-28/-22	4% @ 50 GYR
INCIDENTAL USE	LEVELING BINDER (HAND METHOD), N70 (IL-9.5MM)	PG 64-22 *	4% @ 70 GYR
PAVEMENT PATCHING	CLASS D PATCHES, 10" (HMA BINDER IL-19 MM)	PG 64-22 *	4% @ 70 GYR
	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19 MM)	PG 64-22 *	4% @ 70 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

FILE NAME = N:\PROJ\3368\3368_29\Design\ProposedPlan\3368_29_04_Typical Sections.dgn

Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014

USER NAME = mready	DESIGNED - MWR	REVISED -
PLOT SCALE = 5/8" = 1' IN.	DRAWN - MWR	REVISED -
PLOT DATE = 6/24/2009	CHECKED - SNS	REVISED -
	DATE - 6/24/2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**STATE STREET
69TH STREET TO 60TH STREET
TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 2907	SECTION 1Y (5, 6 & 7) RS	COUNTY COOK	TOTAL SHEETS 17	SHEET NO. 4
CONTRACT NO. 62404				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				