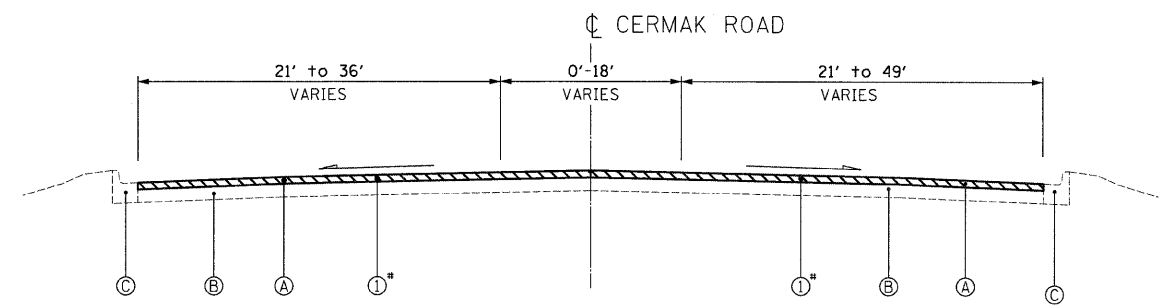
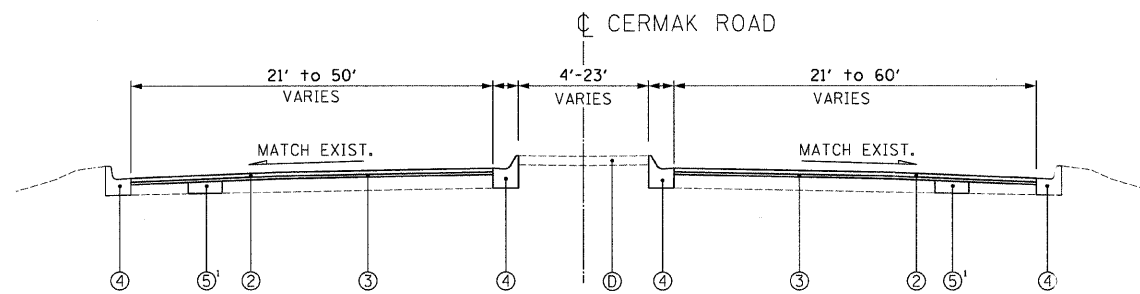


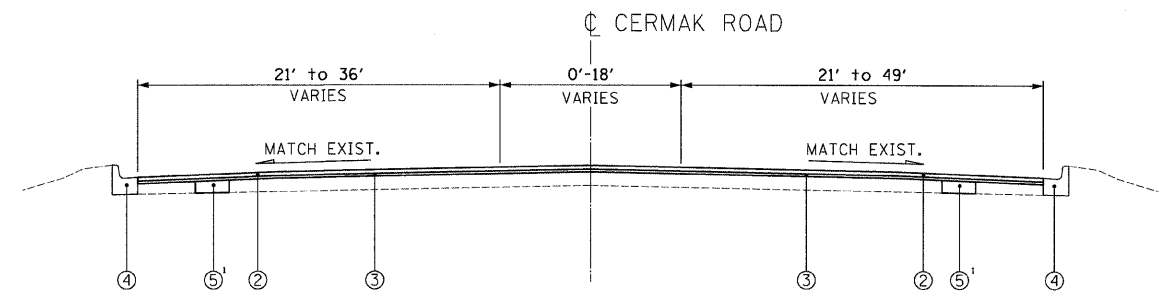
**EXISTING TYPICAL SECTION**  
 STA. 199+44 TO STA. 211+55  
 STA. 218+40 TO STA. 224+62  
 STA. 227+07 TO STA. 239+96  
 STA. 249+38 TO STA. 255+02  
 STA. 299+52 TO STA. 314+46  
 STA. 315+36 TO STA. 319+26  
 STA. 322+23 TO STA. 327+61  
 STA. 357+05 TO STA. 373+18  
 STA. 373+51 TO STA. 384+83



**EXISTING TYPICAL SECTION**  
 STA. 87+10 TO STA. 199+44  
 STA. 239+96 TO STA. 242+98  
 STA. 244+04 TO STA. 249+38  
 STA. 255+02 TO STA. 299+52  
 STA. 327+61 TO STA. 357+05



**PROPOSED TYPICAL SECTION**  
 STA. 199+44 TO STA. 211+55  
 STA. 218+40 TO STA. 224+62  
 STA. 227+07 TO STA. 239+96  
 STA. 249+38 TO STA. 255+02  
 STA. 299+52 TO STA. 314+46  
 STA. 315+36 TO STA. 319+26  
 STA. 322+23 TO STA. 327+61  
 STA. 357+05 TO STA. 373+18  
 STA. 373+51 TO STA. 384+83



**PROPOSED TYPICAL SECTION**  
 STA. 87+10 TO STA. 199+44  
 STA. 239+96 TO STA. 242+98  
 STA. 244+04 TO STA. 249+38  
 STA. 255+02 TO STA. 299+52  
 STA. 327+61 TO STA. 357+05

**EXISTING CONDITIONS:**

- Ⓐ HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 5" AND VARIES
- Ⓑ PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- Ⓒ COMBINATION CONCRETE CURB AND GUTTER
- Ⓓ RAISED CONCRETE MEDIAN

**PROPOSED IMPROVEMENTS:**

- ① HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ② POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- 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, 13" (DETERMINED BY ENGINEER IN FIELD)

\* THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

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.

1 QUANTITIES FOR EARTH EXCAVATION AND AGGREGATE BASE REPAIR HAVE BEEN INCLUDED FOR SUBGRADE FAILURES BELOW THE CLASS D PATCHES

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART**

OPERATIONS	MIXTURE TYPE	AC TYPE	PERCENT AIR VOIDS
ROADWAY RESURFACING	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5MM)	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
MAINTENANCE OF TRAFFIC	LEVELING BINDER (HAND METHOD), N70 (IL-9.5MM)	PG 64-22 *	4% @ 70 GYR
PAVEMENT PATCHING	CLASS D PATCHES, 13" (HMA BINDER IL-19 MM)	PG 64-22 *	4% @ 70 GYR
DRIVES BEHIND CURB	HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50 (IL-9.5MM), 2" THICKNESS	PG 64-22	4% @ 50 GYR
	HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER IL-19 MM)	PG 64-22 *	4% @ 50 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: m:\p\proj\3368\3368-23\design\typical\sections\3368-23-04-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 = oia	DESIGNED - EPS	REVISED -
PLOT SCALE = 5.0000' / IN.	DRAWN - EPS	REVISED -
PLOT DATE = 4/22/2009	CHECKED - WBL	REVISED -
	DATE - 4/22/09	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CERMAK ROAD**  
**WEST OF WOLF ROAD TO IL 43 (HARLEM AVENUE)**  
**TYPICAL SECTIONS**  
 SCALE: N.T.S. SHEET NO. 4 OF 38 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1453	(78-2 & 551Y)-RS-1	COOK	38	4
CONTRACT NO. 60H47			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	