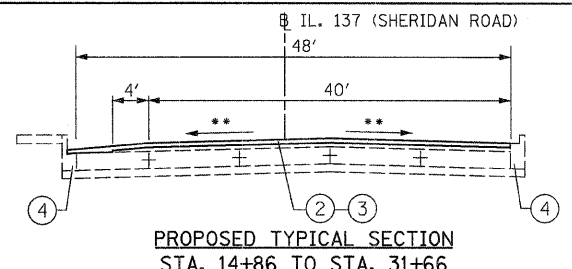
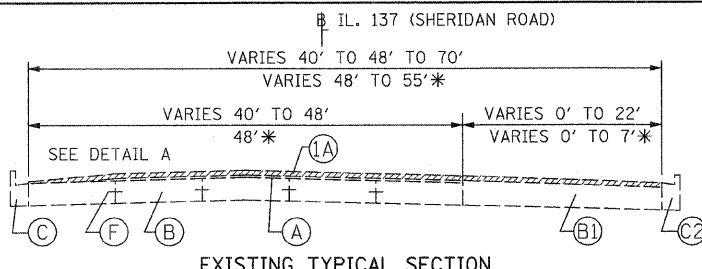


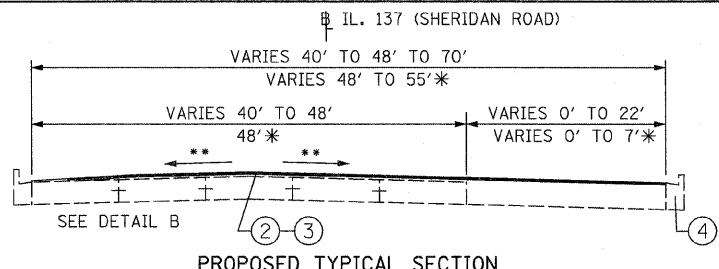
EXISTING TYPICAL SECTION
STA. 14+86 TO STA. 31+66



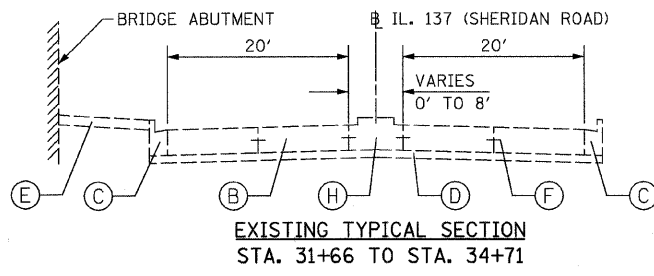
PROPOSED TYPICAL SECTION
STA. 14+86 TO STA. 31+66



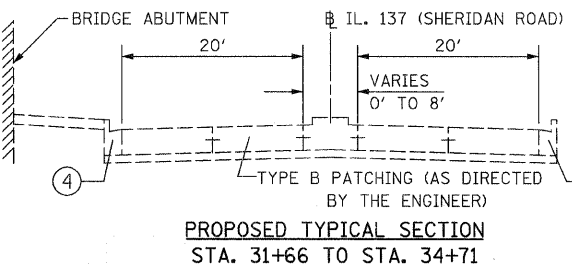
EXISTING TYPICAL SECTION
STA. 90+36 TO STA. 97+30
* STA. 97+30 TO STA. 98+94



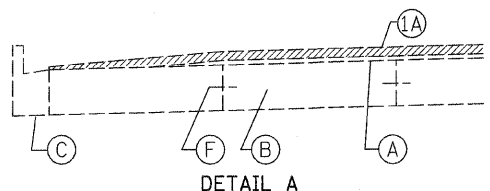
PROPOSED TYPICAL SECTION
STA. 90+36 TO STA. 97+30
* STA. 97+30 TO STA. 98+94



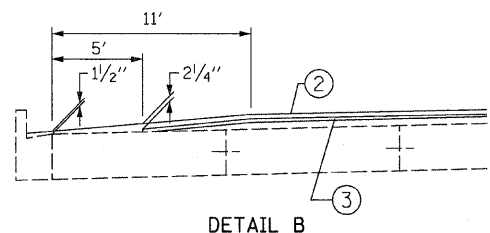
EXISTING TYPICAL SECTION
STA. 31+66 TO STA. 34+71



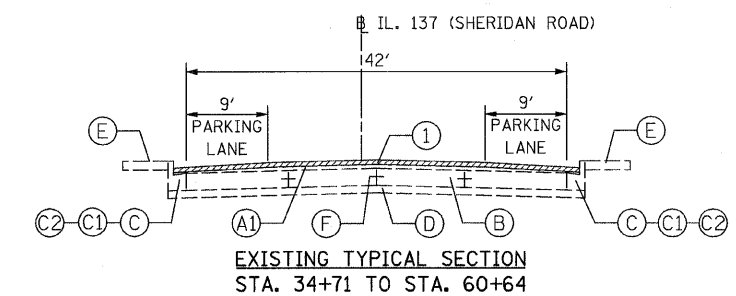
PROPOSED TYPICAL SECTION
STA. 31+66 TO STA. 34+71



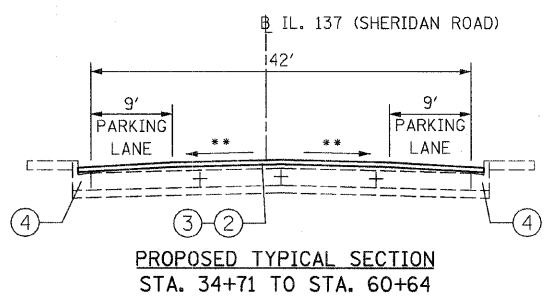
DETAIL A



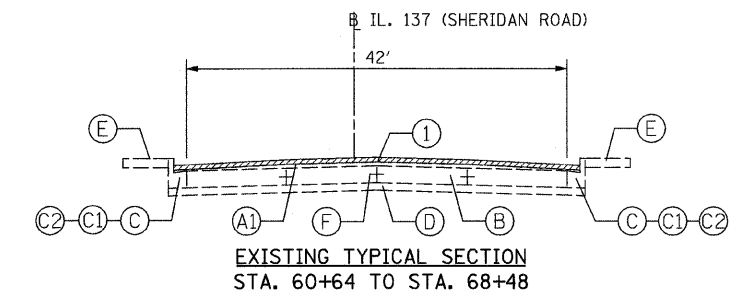
DETAIL B



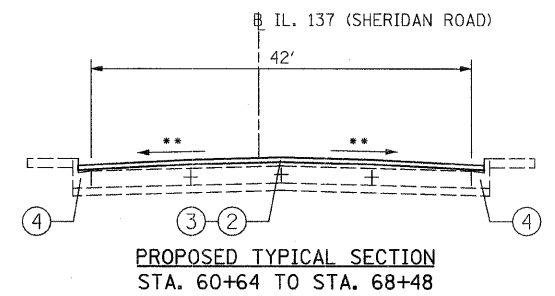
EXISTING TYPICAL SECTION
STA. 34+71 TO STA. 60+64



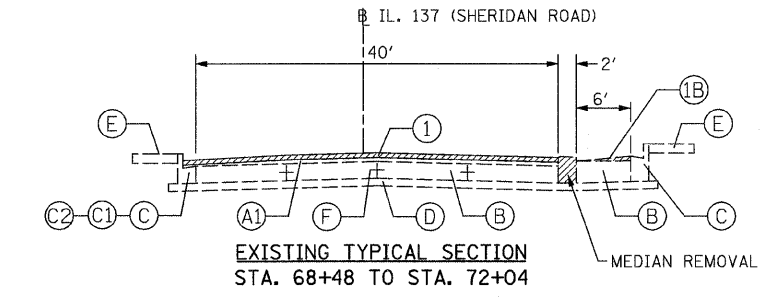
PROPOSED TYPICAL SECTION
STA. 34+71 TO STA. 60+64



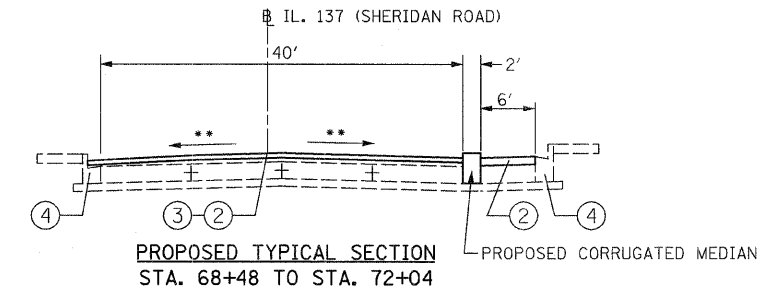
EXISTING TYPICAL SECTION
STA. 60+64 TO STA. 68+48



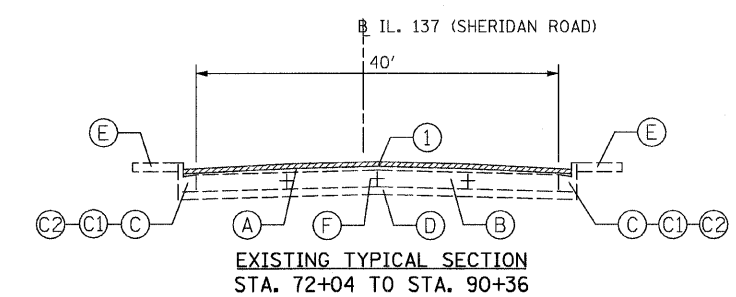
PROPOSED TYPICAL SECTION
STA. 60+64 TO STA. 68+48



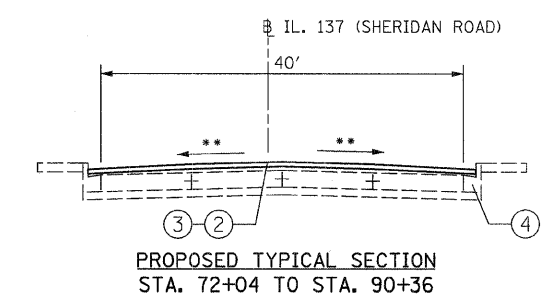
EXISTING TYPICAL SECTION
STA. 68+48 TO STA. 72+04



PROPOSED TYPICAL SECTION
STA. 68+48 TO STA. 72+04



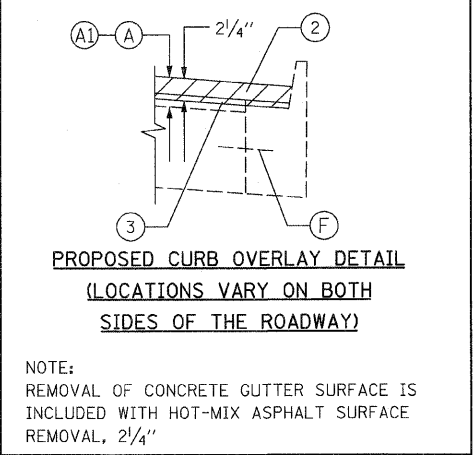
EXISTING TYPICAL SECTION
STA. 72+04 TO STA. 90+36



PROPOSED TYPICAL SECTION
STA. 72+04 TO STA. 90+36

NOTES:

1. THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING FROM STA. 14+86 TO STA. 31+66 AND STA. 72+04 TO STA. 98+94.
 2. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING FROM STA. 34+71 TO STA. 72+04.
- ** MATCH EXISTING CROSS SLOPE.



PROPOSED CURB OVERLAY DETAIL
(LOCATIONS VARY ON BOTH SIDES OF THE ROADWAY)

NOTE:
REMOVAL OF CONCRETE GUTTER SURFACE IS INCLUDED WITH HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"

EXISTING CONDITIONS

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 3" & VARIES
- (A1) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 4 1/2" & VARIES
- (B) P.C.C. PAVEMENT, 10" & VARIES
- (B1) HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 12"
- (C) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (C1) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18
- (C2) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (D) SUBBASE GRANULAR MATERIAL, 4" AND VARIES
- (E) P.C.C. SIDEWALK
- (F) TIE BARS
- (H) CONCRETE MEDIAN

PROPOSED IMPROVEMENTS

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (1A) HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH), 0" TO 2 1/4" MAX.
- (1B) PORTLAND CEMENT CONCRETE SURFACE COURSE REMOVAL (VARIABLE DEPTH), 0" TO 1 1/2" MAX.
- (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) COMB. CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT & P.C.C. SIDEWALK, 5" (AS DETERMINED BY THE ENGINEER)

| ROADWAY NAME | HOT-MIX ASPHALT MIXTURE REQUIREMENTS | | |
|------------------------------|--|------------------------------|------------------------------|
| | MIXTURE TYPE | AC TYPE | AIR VOIDS |
| IL. RTE. 137 (SHERIDAN ROAD) | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) | PG 64-22 | 4% @ 70 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-19 mm) | * PG 64-22 | 4% @ 70 GYR. |
| | HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm) | * PG 64-22 | 4% @ 70 GYR. |
| | DRIVEWAY PAVEMENT REMOVAL AND REPLACEMENT HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 mm) | PG 64-22 * PG 64-22/58-22 | 4% @ 50 GYR. 4% @ 50 GYR. |

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.
THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

FILE NAME = D168F43-sh-typical.dgn
PLOT DATE = 4/1/2009

CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
211 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60606
PHONE: (312)372-2023 FAX: (312)372-5274

DESIGNED - G.F.L.
DRAWN - B.K.
CHECKED - M.P.
DATE - MARCH, 2009

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL. RTE. 137 (SHERIDAN ROAD)
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. 14+86 TO STA. 98+94

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|--------|--------------|-----------|
| 352 | 113 R (2&4) RS | LAKE | 24 | 4 |
| CONTRACT NO. 60F43 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |