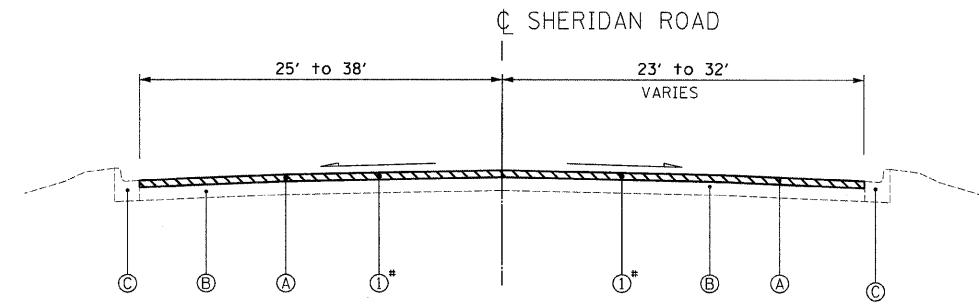
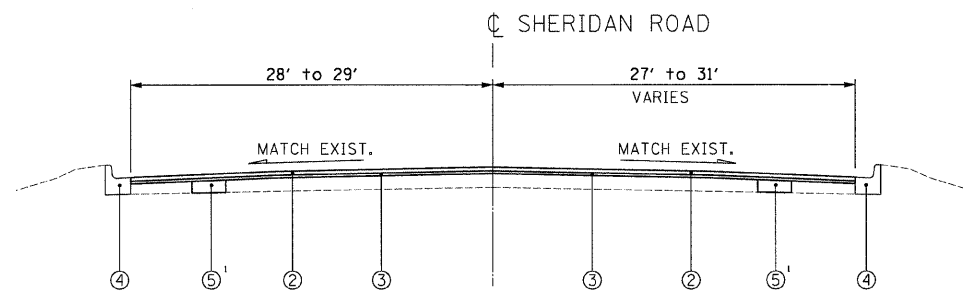


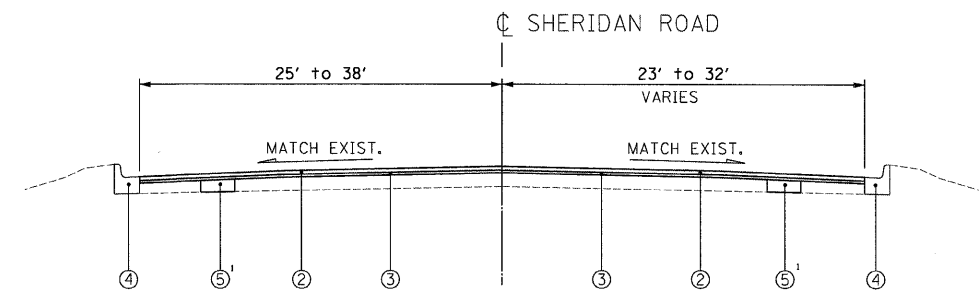
EXISTING TYPICAL SECTION
STA. 185+25 TO STA. 188+80



EXISTING TYPICAL SECTION
STA. 99+58 TO STA. 185+25



PROPOSED TYPICAL SECTION
STA. 185+25 TO STA. 188+80



PROPOSED TYPICAL SECTION
STA. 99+58 TO STA. 185+25

EXISTING CONDITIONS:

- (A) HOT-MIX ASPHALT SURFACE AND BINDER COURSE, 5" AND VARIES
- (B) PORTLAND CEMENT CONCRETE BASE COURSE, 10"
- (C) COMBINATION CONCRETE CURB AND GUTTER
- (D) CORRUGATED 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, 12" (DETERMINED BY ENGINEER IN FIELD)¹
- (6) MEDIAN REMOVAL PARTIAL DEPTH, 4"

* THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

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

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	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, 12" (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:\SPR\1\3385\3385_17_Design\Proposed\17-04-Typical Sections.dgn

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CONSULTING ENGINEERS
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USER NAME = oiaou	DESIGNED - MT	REVISED -
PLOT SCALE = 5.0000 "/ IN.	DRAWN - MT	REVISED -
PLOT DATE = 4/21/2009	CHECKED - WBL	REVISED -
	DATE - 4/22/09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SHERIDAN ROAD
ARTHUR AVENUE TO NORTH OF JUNEWAY TERRACE
TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 4 OF 18 SHEETS STA. TO STA.

F.A.U. RTE. 2865	SECTION 2829 RS-4	COUNTY COOK	TOTAL SHEETS 18	SHEET NO. 4
CONTRACT NO. 60H10				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				