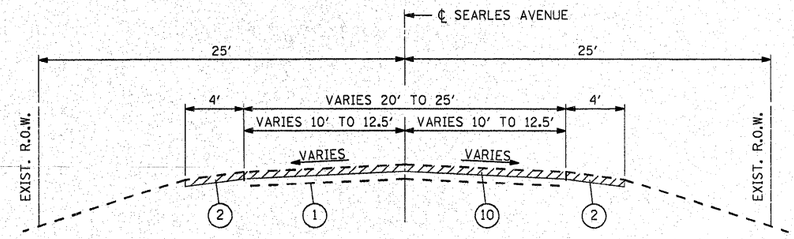
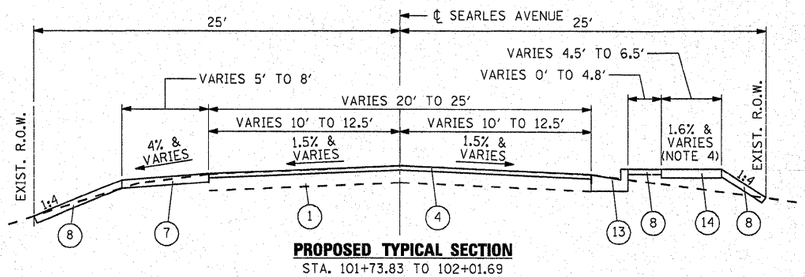
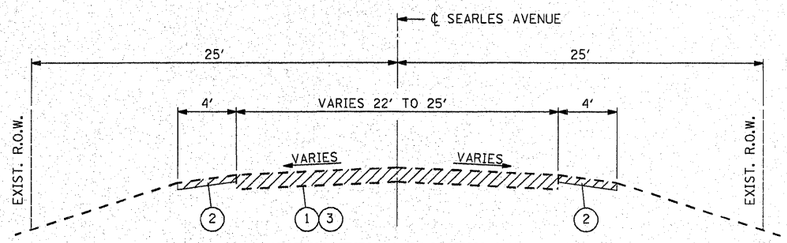


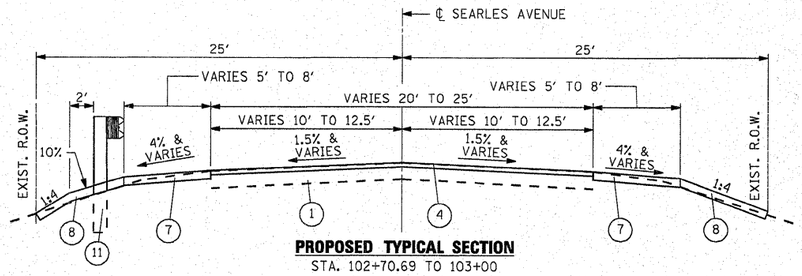
EXISTING TYPICAL ROADWAY SECTION
STA. 101+73.83 TO 102+01.69
STA. 102+70.69 TO 103+00



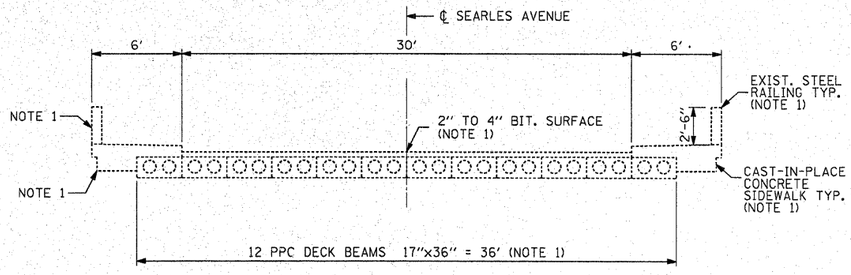
PROPOSED TYPICAL SECTION
STA. 101+73.83 TO 102+01.69



EXISTING TYPICAL ROADWAY SECTION
STA. 102+01.69 TO 102+21.69
STA. 102+50.69 TO 102+70.69

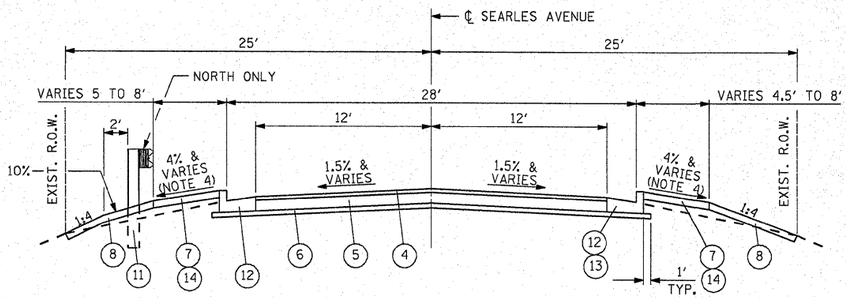


PROPOSED TYPICAL SECTION
STA. 102+70.69 TO 103+00

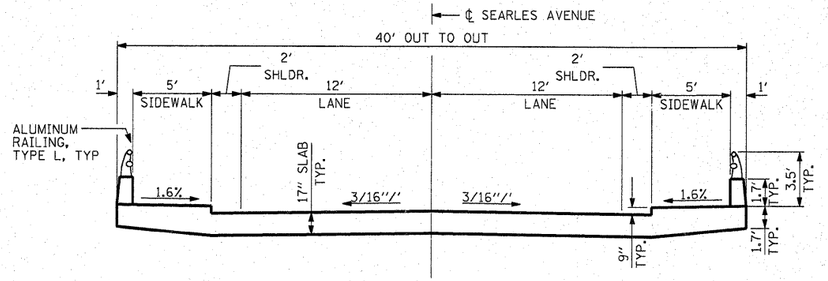


EXISTING BRIDGE TYPICAL SECTION

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE USE	SURFACE	BINDER
PG:	PG 64-22	PG 58-22
DESIGN AIR VOIDS	4.0 @ N50	3.0 @ N50
MIXURE COMPOSITION (GRADIATION MIXTURE)	IL 9.5 OR 12.5	IL 19.0
FRICTION AGGREGATE	C	N/A
20 YEAR ESAL	0.0	0.0
MIX UNIT WEIGHT	112 LBS/SY/IN	



PROPOSED TYPICAL SECTION
STA. 102+01.69 TO 102+21.69
STA. 102+50.69 TO 102+70.69



PROPOSED TYPICAL BRIDGE SECTION
STA. 102+21.69 TO 102+50.69

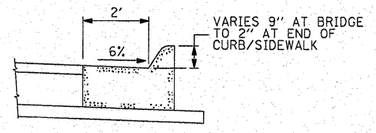
NOTES

1. COST FOR REMOVAL INCLUDED IN THE ITEM REMOVAL OF EXISTING SUPERSTRUCTURE
2. STA. 102+05.76 TO STA. 102+17.15 LT (SW)
   STA. 102+46.14 TO STA. 102+56.14 LT (NW)
   STA. 102+55.22 TO STA. 102+66.60 RT (NE)
3. STA. 101+88.45 TO STA. 102+26.22 RT
4. STA. 101+88.45 TO STA. 102+26.22 RT (SE) CROSS SLOPE VARIES FROM 1.6% TOWARD ROADWAY AT THE BRIDGE TO MATCH THE EXISTING SIDEWALK.
   STA. 102+05.77 TO STA. 102+17.31 RT (SW)
   STA. 102+46.30 TO STA. 102+56.15 LT (NW)
   STA. 102+55.06 TO STA. 102+66.60 LT (NE)
   CROSS SLOPE 1.6% TOWARD ROADWAY
5. STA. 102+44.73 TO STA. 102+74.74 LT

TYPICAL SECTION LEGEND

(1) EXISTING PAVEMENT
(2) EXIST. SHOULDER (REMOVAL COST INCLUDED IN PAVEMENT REMOVAL)
(3) PAVEMENT REMOVAL
(4) PROP. HOT-MIX ASPHALT SURFACE COURSE MIX "C" N50 1 1/2"
(5) PROP. HOT-MIX ASPHALT BINDER COURSE IL - 19.0, N50 10 1/2"
(6) PROP. SUBBASE GRANULAR MATERIAL, TYPE B 4"
(7) PROP. AGGREGATE SHOULDER, TYPE B 6"
(8) PROP. TOPSOIL FURNISH & PLACE 4" WITH SEEDING CLASS 2A
(9) PROP. POROUS GRANULAR EMBANKMENT, SUBGRADE
(10) HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
(11) PROP. TRAFFIC BARRIER TERMINAL, TYPE 5, AND TRAFFIC BARRIER TERMINAL, TYPE 2 (NOTE 5)
(12) PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24 (SPECIAL) SEE DETAIL (NOTE 2)
(13) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (NOTE 3)
(14) PORTLAND CEMENT CONCRETE SIDEWALK 5" (NOTE 4)

INDICATES ITEMS TO BE REMOVED



COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24 (SPECIAL) DETAIL

SEE STD 606001 FOR ADDITIONAL INFORMATION

COMPANY NAME: SEC GROUP, INC.
PROJECT CONTACT: Kevin Arft
CLIENT: City of Rockford
DATE PLOTTED: 2/11/2009 @3:43 PM
FILE NAME: 080217-01-Typ.dgn
PLOT DRIVER: pdf.pltr
PEN TABLE: standard-trans.tbl

SEC Group, Inc.
Illinois Professional Design Firm # 184-003108
Engineering, Surveying, Planning, Landscape Architecture
McHenry • Yorkville • New Lenox • Chicago
www.secgroupinc.com

USER NAME = whood	DESIGNED - K. ARFT	REVISED -	
FILE NAME = 080217-01-Typ.dgn	DRAWN - WJH	REVISED -	
PLOT SCALE = 20	CHECKED - RGD	REVISED -	
PLOT DATE = 2/11/2009	DATE - 2/6/09	REVISED -	

CITY OF ROCKFORD

SEARLES AVENUE BRIDGE REHABILITATION
TYPICAL SECTIONS

SCALE: 20 | SHEET NO. 1 OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5156	08-00550-00-BR	Winnebago	15	4
		CONTRACT NO. 85444		
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		