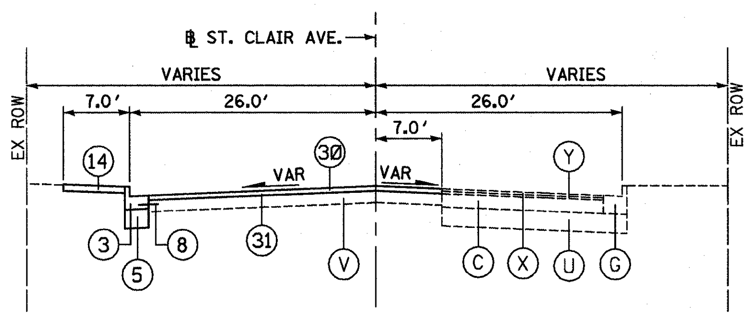
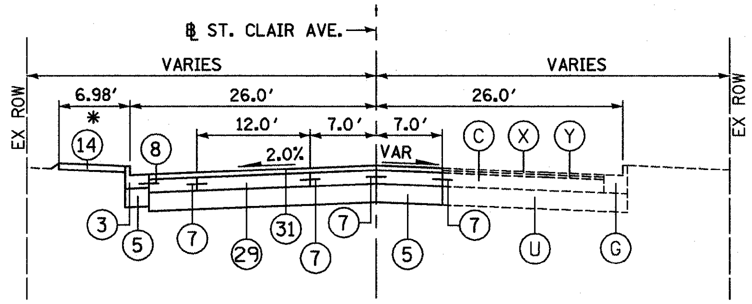
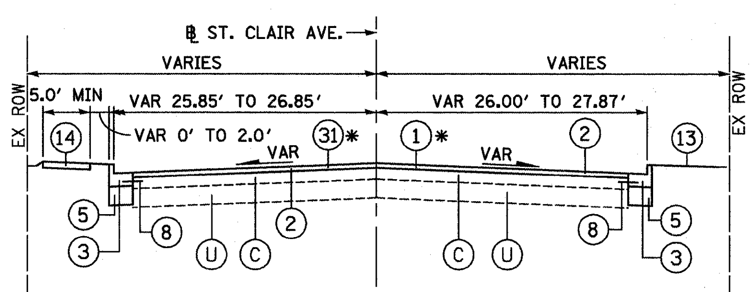


PROPOSED ST. CLAIR AVENUE
STA 37+99.21 TO STA 39+13.58



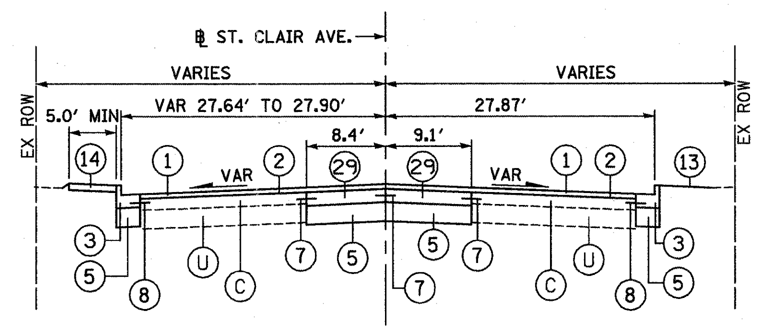
PROPOSED ST. CLAIR AVENUE
STA 39+13.58 TO STA 39+88.38

* END COMB CC&G TB6.24 AND PCC SIDEWALK AT STA 39+13.58

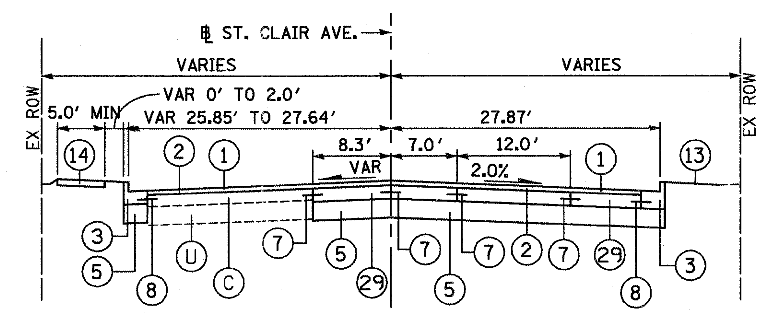


PROPOSED ST. CLAIR AVENUE
STA 39+88.38 TO STA 46+18.54

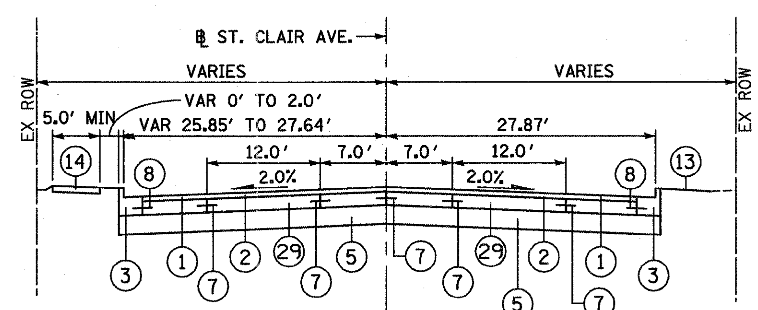
* BUTT JOINT / OVERLAY TRANSITION FROM STA 39+88.38 TO STA 40+88.38



PROPOSED ST. CLAIR AVENUE
STA 46+77.92 TO STA 52+43.47



PROPOSED ST. CLAIR AVENUE
STA 46+35.74 TO STA 46+77.92,
STA 52+43.47 TO STA 52+58.69



PROPOSED ST. CLAIR AVENUE
STA 46+18.54 TO STA 46+35.74,
STA 52+58.69 TO STA 53+58.39

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE	SURFACE	BINDER
AC/PG	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION	----	----
(GRADATION MIXTURE)	IL 12.5/9.5	IL 19.0
FRICTION AGG	MIXTURE "D"	MIXTURE "B"

NOTES:

1. SEEDING, CLASS 1B AND MULCH, METHOD 2 SHALL BE USED ON ALL SIDE SLOPES.
2. FOR LIMITS OF CHAIN LINK FENCE, SEE PLAN AND PROFILES SHEETS.
3. SEE REMOVAL SHEETS FOR MEDIAN REMOVAL LIMITS.
4. EXISTING BRICK THICKNESS IS ASSUMED TO BE 12 INCHES THICK FOR QUANTITY ESTIMATING PURPOSES ONLY.
5. PATCHING SHALL CONSIST OF CLASS C PATCHES.

EXISTING LEGEND:

- (A) PORTLAND CEMENT CONCRETE SIDEWALK - 4"
- (B) SUB-BASE GRANULAR MATERIAL, TYPE A - 4"
- (C) PORTLAND CEMENT CONCRETE BASE COURSE - 10"
- (D) CONCRETE CURB
- (E) HMA SURFACE COURSE - 1 1/4"
- (F) HMA BINDER COURSE - 1 1/2"
- (G) COMBINATION CURB AND GUTTER TYPE B-6.24
- (H) CONCRETE MEDIAN SURFACE
- (I) COARSE AGGREGATE
- (J) PORTLAND CEMENT CONCRETE JOINTS
- (K) EARTH MEDIAN SURFACE
- (L) CORRUGATED MEDIAN SURFACE
- (M) HMA SURFACE COURSE - 2"
- (N) AGGREGATE BASE COURSE, TYPE A, 9"
- (O) CONCRETE GUTTER TYPE B MODIFIED
- (P) SUB-BASE GRANULAR MATERIAL, TYPE A - 6"
- (Q) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12
- (R) BRIDGE STRUCTURE
- (S) CONCRETE RETAINING WALL
- (T) BRICK PAVEMENT (THICKNESS UNKNOWN)
- (U) AGGREGATE BASE COURSE, TYPE A, 12"
- (V) BITUMINOUS PAVEMENT - 7 3/4"
- (W) BITUMINOUS SURFACE
- (X) HMA SURFACE COURSE - 1 1/2"
- (Y) HMA BINDER COURSE - 3/4"

PROPOSED LEGEND:

- (1) HMA SURFACE COURSE, MIX "D" N70 - 1 1/2"
- (2) HMA BINDER COURSE, N70 - 2 1/4"
- (3) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.24
- (4) COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12
- (5) AGGREGATE BASE COURSE, TYPE A - 12"
- (6) PORTLAND CEMENT CONCRETE BASE COURSE - 11"
- (7) #6 TIE BARS, 30' LONG AT 30" C-C (INCLUDED IN BID PRICE FOR VARIOUS PCC ITEMS)
- (8) #6 TIE BARS, 24" LONG AT 24" C-C (INCLUDED IN BID PRICE FOR VARIOUS PCC ITEMS)
- (9) COARSE AGGREGATE
- (10) CONCRETE MEDIAN SURFACE - 4"
- (11) LONGITUDINAL JOINT
- (12) PORTLAND CEMENT CONCRETE PAVEMENT - 10" (JOINTED)
- (13) SEEDING AND MULCHING (SEE SEEDING AND MULCHING SCHEDULE)
- (14) PORTLAND CEMENT CONCRETE SIDEWALK - 4"
- (15) PROPOSED HMA SURFACE REMOVAL - 1 1/4"
- (16) PROPOSED PORTLAND CEMENT CONCRETE SHOULDERS - 10"
- (17) BITUMINOUS MATERIALS (PRIME COAT)
- (18) AGGREGATE (PRIME COAT)
- (19) PROPOSED HMA SURFACE REMOVAL - 1 1/2"
- (20) AGGREGATE BASE COURSE, TYPE A - 8"
- (21) HMA LEVELING BINDER, (MACHINE METHOD) N70 - 2 1/2"
- (22) AGGREGATE SHOULDERS, TYPE A - 6"
- (23) RESERVED
- (24) AGGREGATE SHOULDERS, TYPE A
- (25) COMBINATION CONCRETE CURB AND GUTTER TYPE M-6.06
- (26) PIPE UNDERDRAINS - 6"
- (27) CONCRETE BARRIER
- (28) AGGREGATE SHOULDERS, TYPE B
- (29) PORTLAND CEMENT CONCRETE BASE COURSE, 10"
- (30) HMA SURFACE REMOVAL - 2 1/4"
- (31) HMA SURFACE COURSE, MIX "D" N70 - 2 1/4"

FILE NAME = N:\E08037 CTE - I-70 Tri-Level Connection\drawings\output\9th St\D8TRI-76C51-sht-typical-06.dgn	USER NAME = _USER_	DESIGNED - TTB	REVISED -
	MODEL NAME = $MODELNAME$	DRAWN - GDO	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - JAH	REVISED -
	PLOT DATE = 4/12/2011	DATE - 03/31/11	REVISED -

4/12/2011 $TIME$ $FILE$

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
BAUGH AVENUE AND ST. CLAIR AVENUE

SCALE: NONE | SHEET NO. 6 OF 9 SHEETS | STA. 37+99.21 TO STA. 52+43.47

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1-3HB, 82-2N, 82-1-12RS	ST. CLAIR	352	15
• 9166/9180/9213/9214		CONTRACT NO. 76C51		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		