

*Raspal Bajwa*  
LICENSED ARCHITECT / LICENSED ENGINEER



STATE OF ILLINOIS  
CITY OF CHICAGO  
RICHARD M. DALEY, MAYOR  
DEPARTMENT OF TRANSPORTATION  
CHERIHERAMB, ACTING COMMISSIONER  
DIVISION OF ENGINEERING  
BOB LOOMIS, P.E., DEPUTY COMMISSIONER

CITY OF CHICAGO  
DEPARTMENT OF TRANSPORTATION  
APPROVED: *Anthony Romy*  
PROJECT MANAGER  
APPROVED: *Raspal Bajwa*  
PROJECT COORDINATOR  
APPROVED: *Paul Bush*  
ASSISTANT CHIEF BRIDGE ENGINEER  
APPROVED: *B.S.L.* 11/15/2005  
DEPUTY COMMISSIONER, DIVISION OF ENGINEERING  
APPROVED: *Cheri Heramb* 11/17/05  
DEPUTY COMMISSIONER, DIVISION OF INFRASTRUCTURE MANAGEMENT  
APPROVED: *C. Heramb* 11/21/05  
COMMISSIONER  
DATE:

CITY OF CHICAGO  
DEPARTMENT OF STREETS AND SANITATION  
APPROVED: *Sharon L. Fataha*  
DEPUTY COMMISSIONER, BUREAU OF ELECTRICITY  
APPROVED: *Malcolm Whitford* 2/2/06  
DEPUTY COMMISSIONER, BUREAU OF FORESTRY  
APPROVED: *Michael B. ...* 2/2/06  
COMMISSIONER  
DATE: 2/2/06

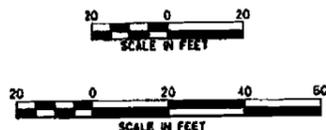
CITY OF CHICAGO  
DEPARTMENT OF WATER MANAGEMENT  
APPROVED: *Michael ...*  
DEPUTY COMMISSIONER-BUREAU OF ENGINEERING SERVICES  
APPROVED: *Brian ...*  
COMMISSIONER  
DATE: 11/29/05

CITY OF CHICAGO  
OFFICE OF EMERGENCY MANAGEMENT AND COMMUNICATIONS  
APPROVED: *...* 1/24/06  
DEPUTY DIRECTOR/ DATE TRAFFIC MANAGEMENT AUTHORITY  
APPROVED: *...*  
MANAGING DEPUTY DIRECTOR/ DATE TRAFFIC MANAGEMENT AUTHORITY  
APPROVED: *...*  
EXECUTIVE DIRECTOR/ DATE

- LEGEND**
- Fence Centerline
  - Light Pole
  - Water Valve 4" Dia. or Larger
  - Manhole Other (Unknown)
  - Tree
  - Power Pole
  - Bench Mark
  - Hydrant
  - Sign
  - Catch Basin or Area Drain
  - Manhole Electric (Com ED)
  - Manhole
  - Electric Vault City
  - Manhole Telephone
  - Manhole Water
  - Guardpost
  - 83 BORING LOCATION

CONTRACT PLANS  
FOR  
VIADUCT CLEARANCE IMPROVEMENT  
35TH STREET: S MAPLEWOOD AVE TO S. ARTESIAN AVE.

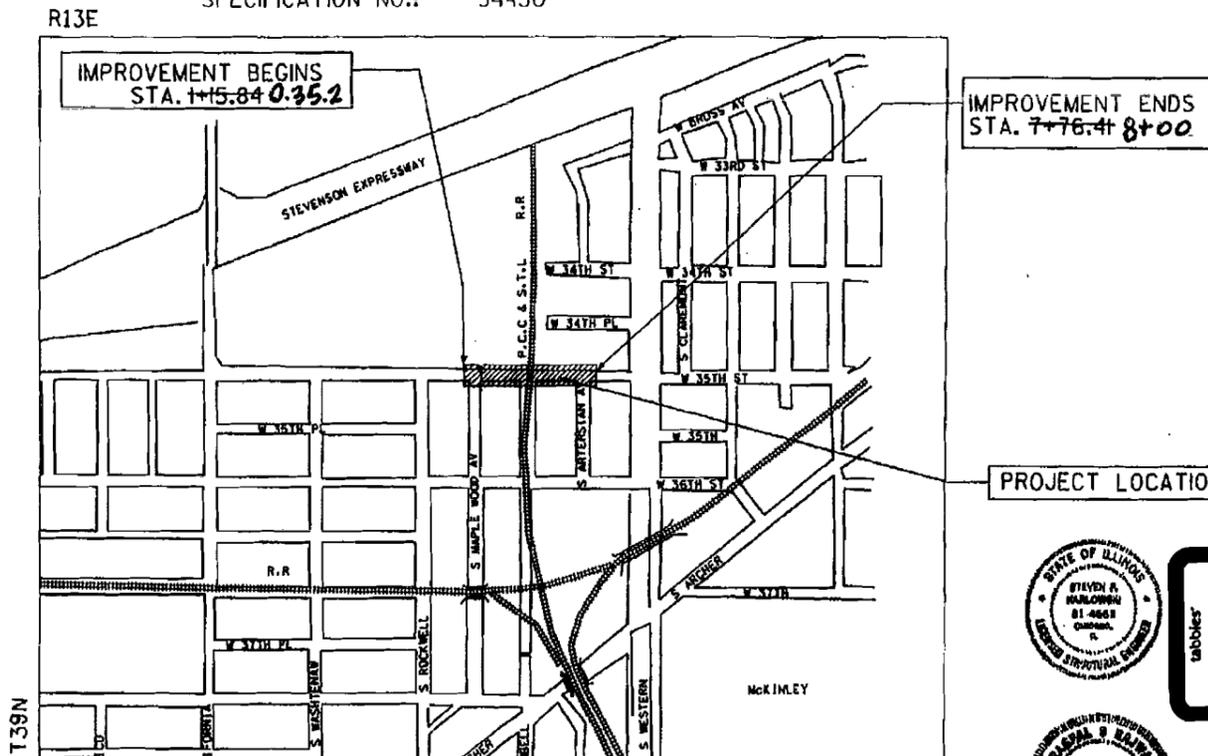
CDOT NO.: B-3-320  
SECTION NO: 03-B3320-00-PV  
SPECIFICATION NO.: 34430



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, ABOVE SCALES MAY BE USED

**DIGGER**  
CHICAGO UTILITY ALERT NETWORK  
TELEPHONE: (312) 744-7000  
24 HOURS/ DAY  
CALL 72 HOURS PRIOR TO DIGGING

DEPARTMENT OF PROCUREMENT SERVICES  
BARBARA A. LUMPKIN, CHIEF PROCUREMENT OFFICER



35TH STREET GROSS LENGTH OF IMPROVEMENT = 601 LF (0.1125 MI.)  
35TH STREET NET LENGTH OF IMPROVEMENT = 765 LF (0.145 MI.)

LOCATION MAP  
N.T.S.



EXHIBIT  
A

*Steven P. Karlowski*  
STEVEN P. KARLOWSKI  
4/10/06  
DATE  
*Raspal Bajwa*  
RASPAL S. BAJWA  
4/10/06  
DATE

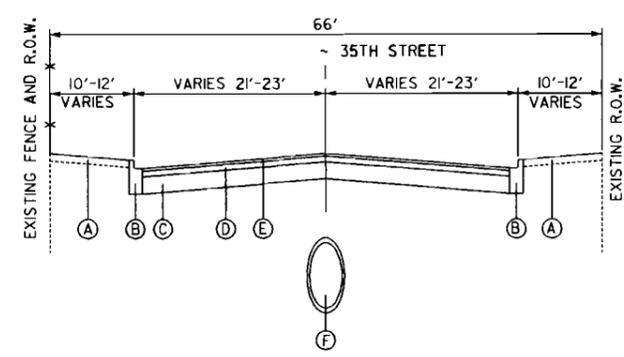
**IE** INFRASTRUCTURE ENGINEERING, INC.  
33 W. MONROE, SUITE 1540  
CHICAGO, IL. 60603-5322  
PHONE 312.425.9560  
FAX 312.425.9564



THESE PLANS COMPLY WITH THE CURRENT POLICY OF THE CITY OF CHICAGO TO FACILITATE THE MOBILITY OF PEOPLE WITH DISABILITIES

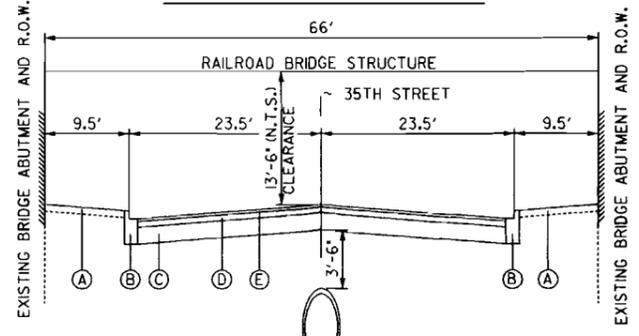
F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	-	COOK	22	5
ILLINOIS PROJECT				

**EXISTING TYPICAL SECTION**



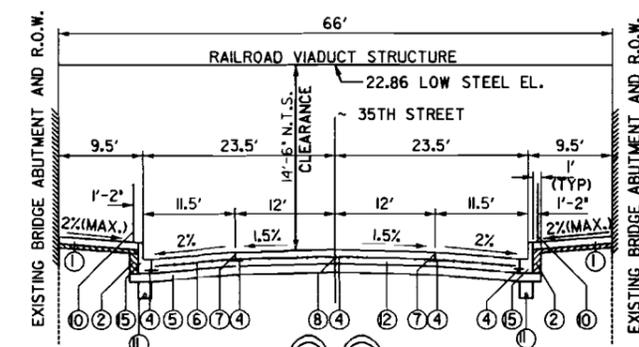
STA 1+15.48 TO STA 3+81.8  
STA 5+40.0 TO STA 7+76.41

**EXISTING TYPICAL SECTION**



STA 3+81.8 TO STA 5+40.0

**PROPOSED TYPICAL SECTION**

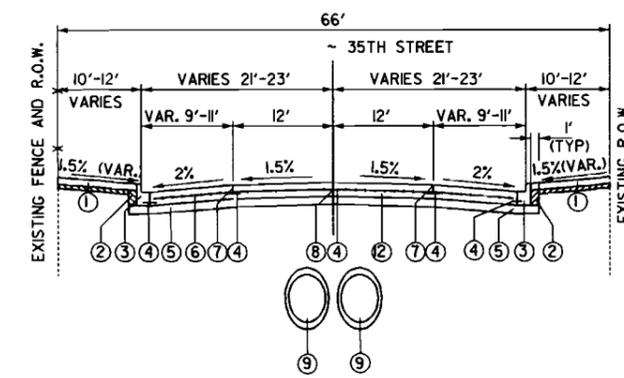


STA 3+81.8 TO STA 5+40.0  
VIADUCT SECTION STA 3+75.1 TO STA 4+99.6

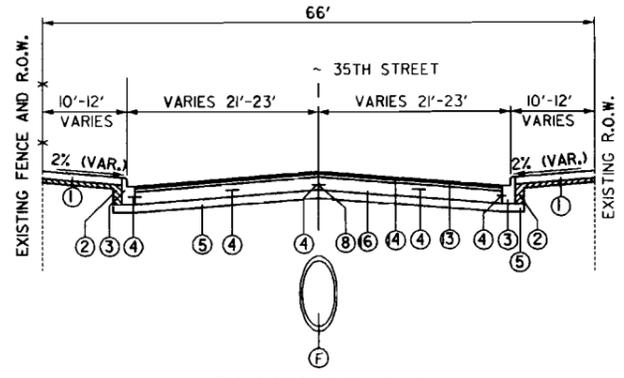
35TH STREET ADT (1994) = 10,800

ITEM	AC TYPE	VOIDS	RAP%
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2 1/2"	PG 64-22	4% @ 70% GYRATION	15%
HOT-MIX ASPHALT LEVELING BINDER (MACHINE METHOD), 1 1/2"	PG 64-22	4% @ 70% GYRATION	25%

**PROPOSED TYPICAL SECTIONS**

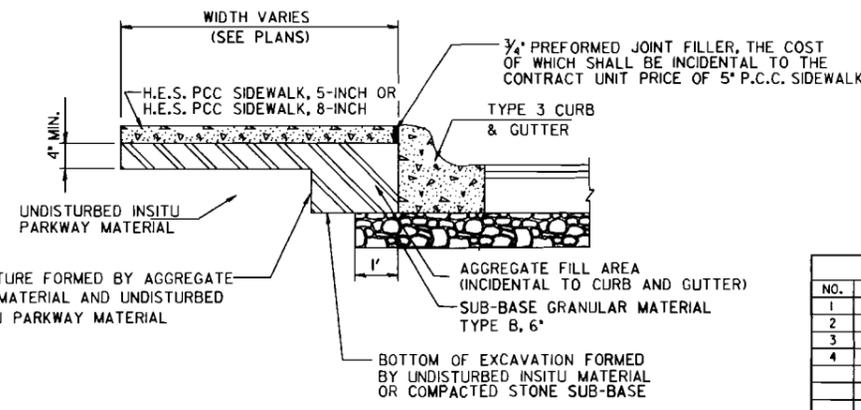


STA 1+18.8 TO STA 3+81.8  
STA 5+40.0 TO STA 7+06.1



STA 0+36.2 TO STA 1+18.8  
STA 7+06.1 TO STA 7+90

AGGREGATE FILL MATERIAL HAVING A CA-6 GRADATION AND MEETING THE REQUIREMENTS OF SECTION 1003 OF THE SSRBC, EXCEPT THE WET BOTTOM BOILER SLAG, AS DEFINED THEREIN, WILL NOT BE PERMITTED, SHALL BE USED WHERE ANY P.C. CONCRETE WALK IS TO BE CONSTRUCTED ABUTTING THE PROPOSED CURB. THE AGGREGATE FILL MATERIAL MUST BE REQUIRED FROM THE BASE OF THE PROPOSED WALK, WHERE IT ABUTS THE CURB, TO A DEPTH WHERE UNDISTURBED INSITU MATERIAL OR A COMPACTED STONE SUB-BASE FORMS THE BOTTOM OF THE EXCAVATION. THE WIDTH OF THE AGGREGATE FILL AREA MUST EXTEND FROM THE BACK OF THE PROPOSED CURB TO THE UNDISTURBED INSITU PARKWAY MATERIAL, WHERE THE PROPOSED SIDEWALK CONSTRUCTION EXTENDS BEYOND THIS JUNCTURE, THE AGGREGATE FILL MATERIAL MUST BE PLACED TO A MINIMUM DEPTH OF FOUR (4) INCHES, FROM THE BASE OF THE WALK, FOR THE BALANCE OF THE PROPOSED SIDEWALK CONSTRUCTION AREA, THE COST OF FURNISHING, PLACING AND COMPACTING THE AGGREGATE FILL MATERIAL MUST BE INCIDENTAL TO THE ITEM P.C.C. SIDEWALK, 5", AND CURB AND GUTTER.



**AGGREGATE FILL DETAIL**  
N.T.S.

**EXISTING LEGEND**

- (A) PORTLAND CEMENT CONCRETE SIDEWALK
- (B) COMBINATION CURB AND GUTTER
- (C) GRANITE PAVER STONE, 12" AND CRUSHED STONE
- (D) PORTLAND CEMENT CONCRETE BASE COURSE, 4"
- (E) BITUMINOUS OVERLAY, 2"
- (F) 54" DIAMETER BRICK COMBINED SEWER

**PROPOSED LEGEND**

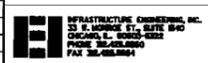
- (1) HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE SIDEWALK, 5-INCH
- (2) AGGREGATE FILL
- (3) COMBINATION CONCRETE CURB AND GUTTER, TYPE B.V-12
- (4) TIE BARS - #4, 30" LONG @ 30" CTS.
- (5) SUB-BASE GRANULAR MATERIAL, TYPE B, 6-INCH
- (6) PAVEMENT FABRIC
- (7) SAWED LONGITUDINAL JOINT
- (8) LONGITUDINAL KEYED JOINT
- (9) STORM SEWERS, RCEP, 42-INCH, ELLIPTICAL, TYPE I, CLASS II
- (10) PIPE HANDRAIL (SPECIAL)
- (11) PIPE UNDERDRAIN, PESVCP, 6-INCH
- (12) HIGH-EARLY-STRENGTH PCC PAVEMENT (JOINTED), 10-INCH
- (13) HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 2 1/2"
- (14) HOT-MIX ASPHALT LEVELING BINDER (MACHINE METHOD), 1 1/2"
- (15) COMBINATION CONCRETE CURB AND GUTTER (SPECIAL) ROADWAY SECTION STA 2+91.5 TO STA 6+22.5 (LEFT AND RIGHT)
- (16) HIGH EARLY STRENGTH PCC BASE COURSE, 9-INCH

**NOTES:**

1. BOXED ITEMS ARE INCIDENTAL AS LISTED BELOW.
2. AGGREGATE FILL COST IS INCIDENTAL TO COMBINATION CONCRETE CURB AND GUTTER TYPE B.V-12 AND COMBINATION CONCRETE CURB AND GUTTER (SPECIAL).
3. TIE BARS COST IS INCIDENTAL TO COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V12 AND COMBINATION CONCRETE CURB AND GUTTER (SPECIAL).
4. ALL TIE BARS SHALL BE EPOXY COATED UNLESS NOTED OTHERWISE.
5. SAWED LONGITUDINAL JOINT AND LONGITUDINAL KEYED JOINT COSTS ARE INCIDENTAL TO HIGH-EARLY STRENGTH P.C.C. PAVEMENT (JOINTED), 10-INCH AND HIGH-EARLY STRENGTH P.C.C. BASE COURSE, 9-INCH
6. COMBINATION CONCRETE CURB AND GUTTER (SPECIAL) ROADWAY SECTION SHALL BE PROVIDED WHERE CURB HEIGHT EXCEEDS 9".
7. PIPE HANDRAIL (SPECIAL) SHALL BE PROVIDED WHERE CURB HEIGHT IS GREATER THAN OR EQUAL TO 12".

REVISIONS			
NO.	BY	DATE	DESCRIPTION
1	RB	05/02/04	50% SUBMITTAL
2	LC	05/04/05	30% SUBMITTAL
3	LC	04/07/06	100% SUBMITTAL
4	CL	07/09/07	100% SUBMITTAL

DRAWN: LC	SCALE: H&V=5", V&H=10"
CHECKED: CL	CONTRACT NO.: 4594
APPROVED: RSB	PROJECT NO.: 1521
DATE: APRIL 7, 2006	



**CITY OF CHICAGO**  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF ENGINEERING  
VERTICAL CLEARANCE IMPROVEMENT  
35TH ST. MAPLEWOOD AVE TO ARTESIAN AVE  
TYPICAL SECTIONS  
EXISTING AND PROPOSED