# PROPOSED FEDERAL-AID HIGHWAY

FOR INDEX OF SHEETS, SEE SHEET NO. 2

C-40-009-10

NATOMA AVENUE, ARGONNE DRIVE, 20TH STREET, 24TH STREET, KEMBLE AVENUE 2011 SAFE ROUTES TO SCHOOL SECTION 10-00171-00-SP **PROJECT NO: SRTS-4009(041) CITY OF NORTH CHICAGO** LAKE COUNTY

THESE IMPROVEMENTS ARE LOCATED WITHIN THE CITY OF NORTH CHICAGO

**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, THE ABOVE SCALES MAY BE USED.

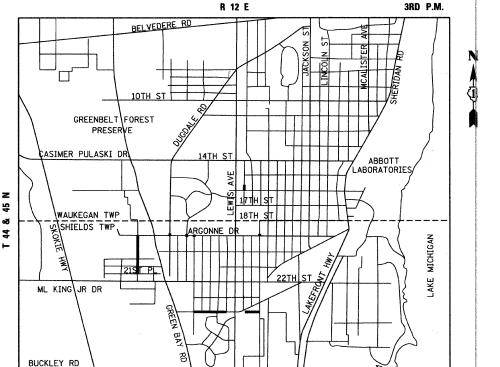
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

Ciorba Group, Inc.

REGISTRATION NUMBER 184-001016

CONSULTING ENGINEERS SUITE 402, 5507 NORTH CUMBERLAND AVE CHICAGO, ILLINOIS 60656 :: (773) 775-4009

CONTRACT NO. 63591



**LOCATION MAP** GROSS AND NET LENGTH OF PROJECT = 3,365 FT. = 0.64 MI.

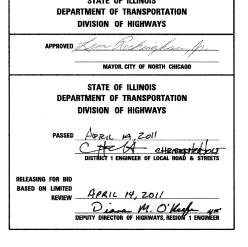


IMPROVEMENT LOCATION

3RD P.M.

10-00171-00-SP LAKE FED. ROAD DIST. NO. 1 ILLINOIS CONTRACT NO. 63591





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- 3 SUMMARY AND SCHEDULE OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 SIDEWALK AND SIGNAGE PLAN
- 6 DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)

### STATE STANDARDS

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

424001-05 CURB RAMPS FOR SIDEWALKS

606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER

701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME

OPERATIONS

701801-04 LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE

701901-01 TRAFFIC CONTROL DEVICES

720001-01 SIGN PANEL MOUNTING DETAILS

720006-02 SIGN PANEL ERECTION DETAILS

729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)

GENERAL NOTES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE UTILITY COMPANIES FIELD-LOCATE ALL UTILITIES, ASCERTAIN THEIR STATUS AND ADJUST OR RELOCATE THESE UTILITIES, AS NECESSARY, PRIOR TO STARTING CONSTRUCTION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. THE CONTRACTOR SHALL NOTIFY ALL PUBLIC AND PRIVATE UTILITIES BEFORE STARTING CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO:

A. NORTH SHORE GAS COMPANY 3001 GRAND AVENUE WAUKEGAN, IL 60085 CONTACT: STEVE WARMINGTON (847)-263-4666 (800)-228-6734 (EMERG.)

B. COMMONWEALTH EDISON COMPANY 1500 FRANKLIN BOULEVARD LIBERTYVILLE, IL 60048 CONTACT: TERRI BLECK (847)-816-5239 (800)-334-7661 (EMERG.)

C. AT&T
255 E. CHICAGO ST, FL 2
ELGIN, IL. 60120
CONTACT: SHARON TILJAK
(708)709-2523

D. TDS METROCOM 20875 CROSSROADS CIRCLE, SUITE 800 WAUKESHA, WI 53186 MICHAEL JOHNSON (262)754-3052

E. COMCAST CABLE COMPANY 688 N. INDUSTRIAL DRIVE ELMHURST, IL 60126 MARTHA GIERAS (630) 600-6352

F. CITY OF NORTH CHICAGO 1850 LEWIS AVENUE NORTH CHICAGO, IL 60064 ATTN: JOSH WHEELER (847)-596-8881

DURING THE CONSTRUCTION OPERATION WHEN ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS, OR DRAINAGE STRUCTURES SO THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THIS PROJECT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR FAILURE TO VERIFY EXISTING DIMENSIONS OR CONDITIONS.

4. THE CONTRACTOR SHALL LIMIT HIS CONSTRUCTION ACTIVITIES TO THE WORK AREAS DESIGNATED ON THE PLANS AND TYPICAL SECTIONS. ANY DAMAGE TO AREAS OUTSIDE OF THESE LIMITS SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.

 THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER SHALL BE DEPRESSED AT HANDICAPPED RAMPS AND/OR AS SPECIFIED BY THE ENGINEER.

- 6. PROPER DRAINAGE SHALL BE MAINTAINED IN THE IMPROVEMENT AREA DURING CONSTRUCTION. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 7. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION FROM THE ENGINEER BEFORE BEGINNING WORK ON ANY STREET.
- 3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL PAVEMENT OPENINGS, OPEN HOLES, EQUIPMENT AND RUBBLE LEFT IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL MAINTAIN HIGH VISIBILITY OF ALL TEMPORARY HAZARDS TO PEDESTRIANS AND MOTORISTS.
- 9. ALL REQUIRED SAW CUTS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PRICE OF THE RESPECTIVE PAY ITEM.
- 10. GENERAL LOCATIONS OF MOST CURB AND GUTTER, AND SIDEWALK REMOVAL HAVE BEEN SHOWN ON THE PLANS. HOWEVER, ADDITIONAL AREAS REQUIRING REMOVAL AND REPLACEMENT MAY BE DETERMINED BY THE ENGINEER IN THE FIELD. THE CONTRACT QUANTITIES HAVE BEEN ADJUSTED TO INCLUDE ALLOWANCES FOR WORK DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION.
- 11. ALL PARKWAYS DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE PROPERLY GRADED AND RECEIVE FOUR INCHES OF TOPSOIL AND SEEDING. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 12. ALL TREES SHALL BE PROTECTED AND CARED FOR DURING CONSTRUCTION.
  DAMAGES AT THE RATE OF TWO HUNDRED DOLLARS (\$200,00) PER INCH
  OF TRUNK DIAMETER SHALL BE CHARGED AGAINST THE CONTRACTOR FOR
  UNAUTHORIZED REMOVAL OR DESTRUCTION OF ANY TREE.
- 13. THE CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE PROPERTIES FOR SCHOOL BUSES AT ALL TIMES.
- 14. AN ESTIMATED QUANTITY OF 10 CY OF FURNISHED EXCAVATION HAS BEEN INCLUDED. FURNISHED EXCAVATION SHALL BE PLACED, AS DIRECTED BY THE ENGINEER, BENEATH THE PROPOSED SIDEWALK ON THE WEST SIDE OF NATOMA AVENUE, JUST SOUTH OF 19TH PLACE.

|   | USER NAME = espina          | DESIGNED | - | CLG        | REVISED | ~ | 8/02/2010 |
|---|-----------------------------|----------|---|------------|---------|---|-----------|
|   |                             | DRAWN    | - | EPS        | REVISED | - |           |
| 2 | PLOT SCALE = 20.0000 '/ IN. | CHECKED  | - | MBT        | REVISED | - |           |
| 4 | PLOT DATE = 4/4/2011        | DATE     | - | 01/28/2011 | REVISED | - |           |
|   |                             |          |   |            |         |   |           |

SCALE:

# SUMMARY OF QUANTITIES

| ITEM #    | DESCRIPTION                                       | UNIT  | TOTAL CONSTRUCTION TYPE CODE 0021 |
|-----------|---|-------|-----------------------------------|
| 20400800  | FURNISHED EXCAVATION                              | CU YD | 10                                |
| 20201200  | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL       | CU YD | 290                               |
| 35101500  | AGGREGATE BASE COURSE, TYPE B                     | CU YD | 90                                |
| 42001300  | PROTECTIVE COAT                                   | SQ YD | 1620                              |
| 42400200  | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH          | SQ FT | 13150                             |
| 42400800  | DETECTABLE WARNINGS                               | SQ FT | 180                               |
| 44000500  | COMBINATION CURB AND GUTTER REMOVAL               | FOOT  | 440                               |
| 44000600  | SIDEWALK REMOVAL                                  | SQ FT | 1040                              |
| 60300105  | FRAMES AND GRATES TO BE ADJUSTED                  | EACH  | 2                                 |
| 60300305  | FRAMES AND LIDS TO BE ADJUSTED                    | EACH  | 2                                 |
| 60603800  | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 | FOOT  | 440                               |
| 67100100  | MOBILIZATION                                      | L SUM | 1                                 |
| 70102640  | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801   | L SUM | 1                                 |
| 72000100  | SIGN PANEL - TYPE 1                               | SQ FT | 348                               |
| 72400310  | REMOVE SIGN PANEL - TYPE 1                        | SQ FT | 195                               |
| 72900100  | METAL POST - TYPE A                               | FOOT  | 189                               |
| 78000400  | THERMOPLASTIC PAVEMENT MARKING - LINE 6"          | FOOT  | 1290                              |
| 78000600  | THERMOPLASTIC PAVEMENT MARKING - LINE 12"         | FOOT  | 462                               |
| X0326853  | RADAR SPEED SIGN (MATERIAL ONLY)                  | EACH  | 2                                 |
| XXXXX8537 | FLASHING BEACON ASSEMBLY (MATERIAL ONLY)          | EACH  | 2                                 |

DENOTES SPECIALITY ITEM

# SCHEDULE OF QUANTITES

| THERMOPLASTIC PAVEMENT MARKING - LINE 6" (7800C   LOCATION   FEET   N   G66   E   G4   G66   G66 |                   |                    |              |       |  |  |  |  |  |
|--|-------------------|--------------------|--------------|-------|--|--|--|--|--|
| INTERSECTION LEG  NATOMA/ 2IST ST N 666  E 64  ARGONNE/ DUCDALE E 80  ARGONNE/WINTER S 72  ARGONNE/SHERMAN S 70  W 566  W 566  ARGONNE/HONORE S 78  ARGONNE/HONORE S 78  ARGONNE/WICHT S 76  ARGONNE/DICKEY S 70  IGTH ST/LEWIS E 68  IGTH ST/KEMBLE N 56  E 62  S 58  W 68  24TH ST/LEWIS W 72  | THERMOPLASTIC PA  | VEMENT MARKING - L | INE 6" (7800 | 0400) |  |  |  |  |  |
| INTERSECTION LEG  NATOMA/ 21ST ST N 66  E 64  ARGONNE/ DUGDALE E 80  ARGONNE/WINTER S 72  ARGONNE/SHERMAN S 70  W 56  W 56  ARGONNE/WALLACE S 74  ARGONNE/HONORE S 78  ARGONNE/WRIGHT S 76  ARGONNE/BICKEY S 70  16TH ST/LEWIS E 68  16TH ST/KEMBLE N 56  W 68  24TH ST/LEWIS W 72   | LOCATION          |                    |              |       |  |  |  |  |  |
| E 64  ARGONNE / DUGDALE E 80  E 76  ARGONNE / WINTER S 72  ARGONNE / SHERMAN S 70  W 56  W 56  ARGONNE / WALLACE S 74  ARGONNE / HONORE S 78  ARGONNE / HONORE S 76  ARGONNE / WILL S 70  16TH ST / LEWIS E 68  W 68  16TH ST / KEMBLE N 56  E 62  S 58  W 68  24TH ST / LEWIS W 72  | INTERSECTION      | LEG                | , ree        |       |  |  |  |  |  |
| ARGONNE / DUCDALE E 80  E 76  ARGONNE / WINTER S 72  ARGONNE / SHERMAN S 70  W 56  W 56  ARGONNE / WALLACE S 74  ARGONNE / HONORE S 78  ARGONNE / HONORE S 70  16TH ST / LEWIS E 68  16TH ST / KEMBLE N 56  E 62  S 58  W 68  24TH ST / LEWIS W 72   | NATOMA/ 21ST ST   | N                  | 66           |       |  |  |  |  |  |
| E 76  ARGONNE/WINTER S 72  ARGONNE/SHERMAN S 70  W 56  W 56  ARGONNE/WALLACE S 74  ARGONNE/HONORE S 78  ARGONNE/WRICHT S 76  ARGONNE/DICKEY S 70  16TH ST/LEWIS E 68  16TH ST/KEMBLE N 56  E 62  S 58  W 68  24TH ST/LEWIS W 72  |                   | Ε                  | 64           |       |  |  |  |  |  |
| ARGONNE/WINTER S 72  ARGONNE/SHERMAN S 70  W 56  W 56  ARGONNE/WALLACE S 74  ARGONNE/HONORE S 78  ARGONNE/HONORE S 70  IGTH ST/LEWIS E 68  IGTH ST/KEMBLE N 56  E 62  S 58  W 68  24TH ST/LEWIS W 72   | ARGONNE / DUGDALE | E                  | 80           |       |  |  |  |  |  |
| ARGONNE/SHERMAN S 70  W 56  W 56  ARGONNE/WALLACE S 74  ARGONNE/HONORE S 78  ARGONNE/WRIGHT S 76  ARGONNE/DICKEY S 70  16TH ST/LEWIS E 68  W 68  16TH ST/KEMBLE N 56  E 62  S 58  W 68  24TH ST/LEWIS W 72   |                   | E                  | 76           |       |  |  |  |  |  |
| W   56   W   56   W   56   ARGONNE/WALLACE   S   74   ARGONNE/HONORE   S   78   ARGONNE/WRIGHT   S   76   ARGONNE/DICKEY   S   70   16TH ST/LEWIS   E   68   W   68   16TH ST/KEMBLE   N   56   E   62   S   58   W   68   24TH ST/LEWIS   W   72   72   72   73   74   75   75   75   75   75   75   75   | ARGONNE/WINTER    | S                  | 72           |       |  |  |  |  |  |
| ## 56  ARGONNE/WALLACE S 74  ARGONNE/HONORE S 78  ARGONNE/WRIGHT S 76  ARGONNE/DICKEY S 70  16TH ST/LEWIS E 68  ## 68  16TH ST/KEMBLE N 56  E 62  S 58  W 68  24TH ST/LEWIS W 72   | ARGONNE/SHERMAN   | S                  | 70           |       |  |  |  |  |  |
| ARGONNE/WALLACE S 74  ARGONNE/HONORE S 78  ARGONNE/WRICHT S 76  ARGONNE/DICKEY S 70  16TH ST/LEWIS E 68  I6TH ST/KEMBLE N 56  E 62  S 58  W 68  24TH ST/LEWIS W 72   |                   | W                  | 56           |       |  |  |  |  |  |
| ARGONNE/HONORE S 78  ARGONNE/WRIGHT S 76  ARGONNE/DICKEY S 70  16TH ST/LEWIS E 68  W 68  16TH ST/KEMBLE N 56  E 62  S 58  W 68  24TH ST/LEWIS W 72   |                   | W                  | 56           |       |  |  |  |  |  |
| ARGONNE/WRICHT S 76  ARGONNE/DICKEY S 70  16TH ST/LEWIS E 68  W 68  16TH ST/KEMBLE N 56  E 62  S 58  W 68  24TH ST/LEWIS W 72  | ARGONNE/WALLACE   | S                  | 74           |       |  |  |  |  |  |
| ARGONNE/DICKEY S 70  16TH ST/LEWIS E 68  W 68  16TH ST/KEMBLE N 56  E 62  S 58  W 68  24TH ST/LEWIS W 72   | ARGONNE/HONORE    | S                  | 78           |       |  |  |  |  |  |
| 16TH ST/LEWIS E 68  W 68  16TH ST/KEMBLE N 56  E 62  S 58  W 68  24TH ST/LEWIS W 72  | ARGONNE/WRIGHT    | S                  | 76           |       |  |  |  |  |  |
| W   68   16TH ST/KEMBLE   N   56   E   62   S   58   W   68   24TH ST/LEWIS   W   72   | ARGONNE/DICKEY    | . S                | 70           |       |  |  |  |  |  |
| 16TH ST/KEMBLE N 56 E 62 S 58 W 68 24TH ST/LEWIS W 72  | 16TH ST/LEWIS     | E                  | 68           |       |  |  |  |  |  |
| E 62 S 58 W 68 24TH ST/LEWIS W 72  |                   | , W ,              | . 68         |       |  |  |  |  |  |
| S 58<br>W 68<br>24TH ST/LEWIS W 72   | 16TH ST/KEMBLE    | N                  | 56           |       |  |  |  |  |  |
| W 68<br>24TH ST/LEWIS W 72   |                   | E                  | 62           |       |  |  |  |  |  |
| 24TH ST/LEWIS W 72   |                   | S                  | 58           |       |  |  |  |  |  |
|  | ,                 | w                  | 68           |       |  |  |  |  |  |
|  | 24TH ST/LEWIS     | w                  | 72           |       |  |  |  |  |  |
| TOTAL 1290   |                   |                    |              |       |  |  |  |  |  |
| TOTAL 1290   |                   |                    |              |       |  |  |  |  |  |
|  | TOTAL 1290        |                    |              |       |  |  |  |  |  |
|  |                   | ,                  |              |       |  |  |  |  |  |

| THERMOPLASTIC PA | VEMENT MARKING - L | INE 12" (78000600) |
|------------------|--------------------|--------------------|
| LOCA             | TION               | FEET               |
| INTERSECTION     | FEET               |                    |
| ARGONNE/WINTER   | N                  | 66                 |
|                  | E                  | 48                 |
|                  | E                  | 48                 |
|                  | W                  | 48                 |
|                  | W                  | 48                 |
| LEWIS/16TH ST    | N                  | 102                |
|                  | S                  | 102                |
| ,                |                    |                    |
| TO               | 462                |                    |

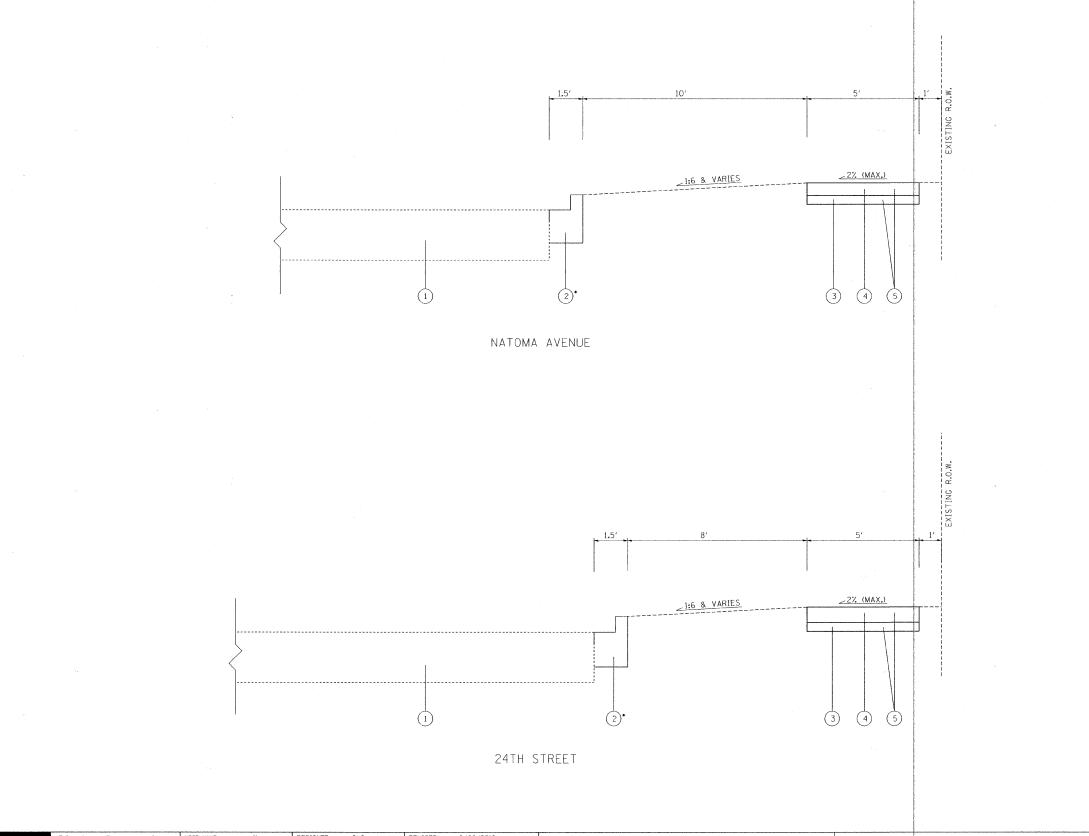
Ciorba Group, Inc.
CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suita 402
Chicago, Illinois 50056
11.773.775.4009
Fax 773.775.4014

| USER NAME = ccornwell      | DESIGNED | ~ | CLG        | REVISED - | 8/02/2010 |
|----------------------------|----------|---|------------|-----------|-----------|
|                            | DRAWN    | - | EPS        | REVISED - |           |
| PLOT SCALE = 1.0000 '/ IN. | CHECKED  | - | MBT        | REVISED - |           |
| PLOT DATE = 4/13/2011      | DATE     | - | 01/28/2011 | REVISED - |           |

2011 NORTH CHICAGO SAFE ROUTES TO SCHOOL SUMMARY AND SCHEDULE OF QUANTITIES

| SHEET NO. OF SHEETS STA. TO STA.

SCALE:



1 EXISTING PAVEMENT

- (EXCAVATION BEHIND CURB AND RESTORATION INCLUDED IN THE COST OF THIS ITEM)
- 3 AGGREGATE BASE COURSE, TYPE B 2"
- 4 PORTLAND CEMENT CONCRETE SIDEWALK 5"
- 5 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
  - \* AT LOCATIONS DETERMINED BY ENGINEER

NOTE:

TO STA.

ALL SIDEWALK SHALL CONFORM TO ADA GUIDELINES. CROSS SLOPES SHALL NOT EXCEED 2% AND LONGITUDINAL SLOPES SHALL NOT EXCEED 5%. FOR RAMP CONSTRUCTION SEE STATE STANDARD 424001-05.

Ciorba Group, Inc.

CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402
Chicago, Illinois 60658
Tel. 773.775.4008
Fax 773.775.4014

PLOT DATE = 4/13/2011 REVISED - 8/02/2010 DRAWN - EPS REVISED -CHECKED - MBT REVISED DATE - 01/28/2011 REVISED

2011 NORTH CHICAGO SAFE ROUTES TO SCHOOL TYPICAL SECTIONS

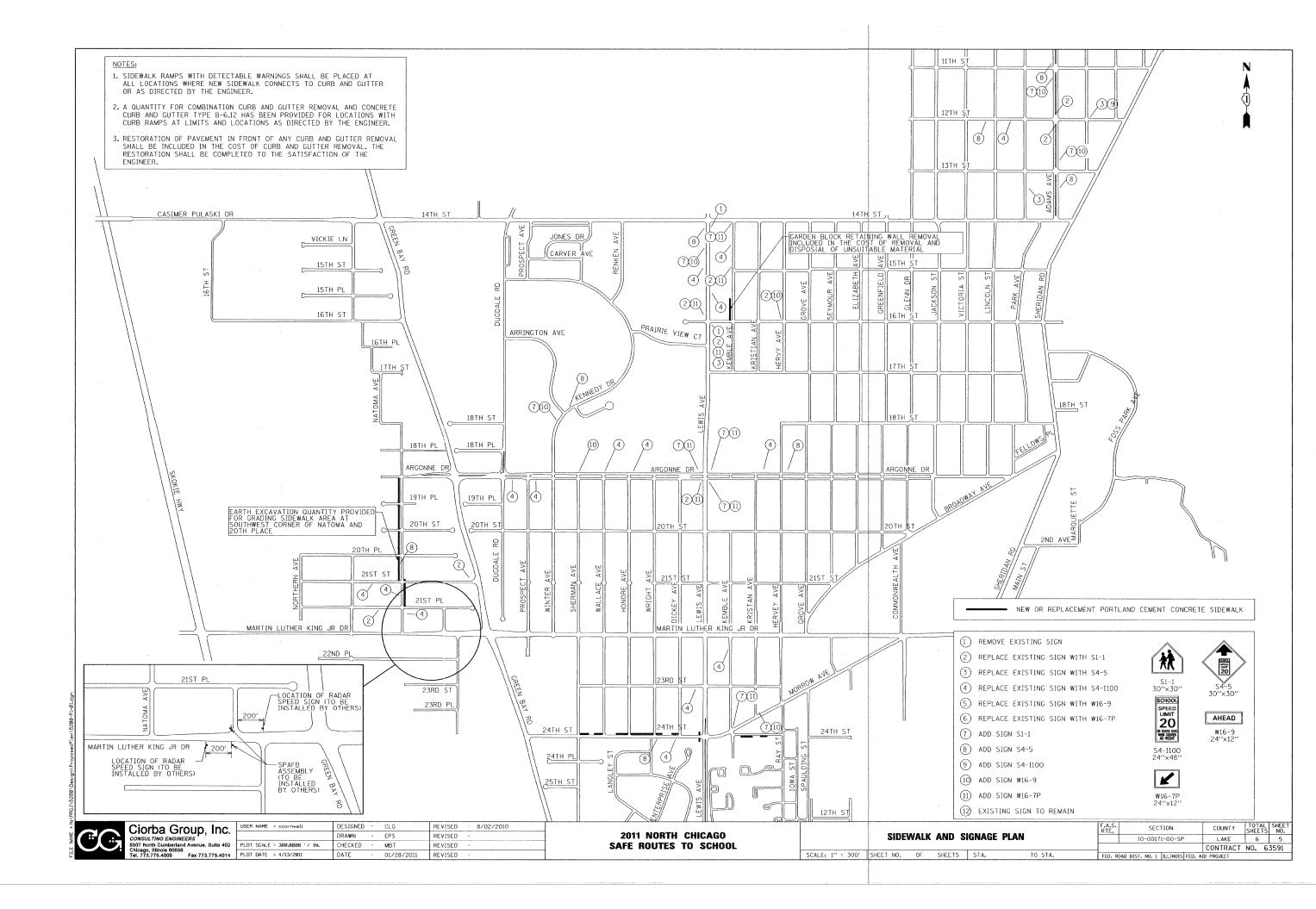
SCALE:

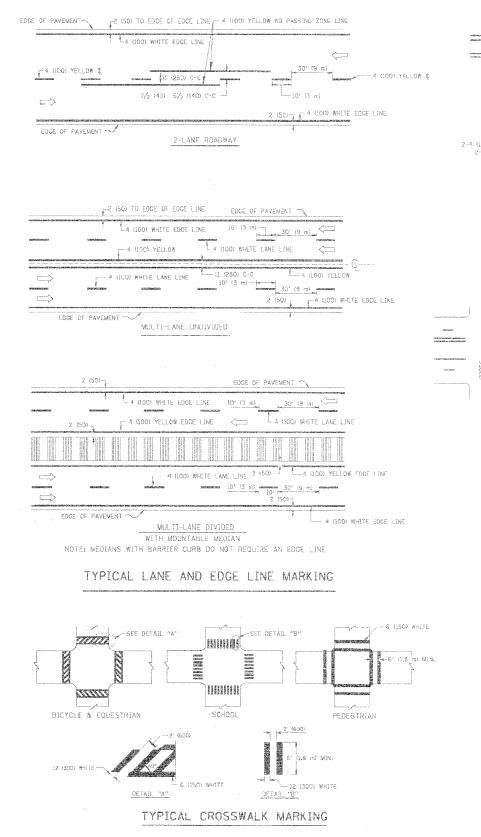
SHEET NO. OF SHEETS STA.

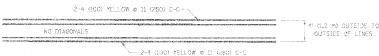
COUNTY TOTAL SHEET NO.

LAKE 6 4 SECTION 10-00171-00-SP CONTRACT NO. 63591

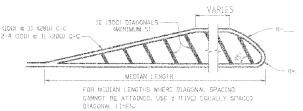
FED. ROAD DIST. NO. 1 | ILLINOIS FED. AID PROJECT





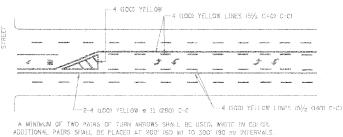


4' (1.2 m) WIDE MEDIANS ONLY



DIACONAL LINE SPACING: 50' (85 m) C-C (LESS THAN 30MPH (90 km/h)) 75' (25 m) C-C 30MPH (90 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

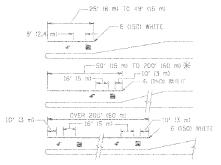
#### MEDIANS OVER 4' (1.2 m) WIDE





MEDIAN WITH TWO-WAY LEFT TURN LANE

## TYPICAL PAINTED MEDIAN MARKING

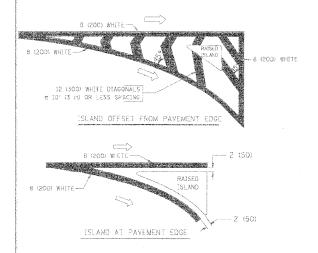


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  $\P_1$  AREA = 15.6 SQ. FT. (1.5 m $^2$  ) (1.5 area = 20.8 Sq. FT. (1.9 m $^2$ )

\* TURN LANES IN EXCESS OF 400' 020 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW ""ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

#### TYPICAL TURN LANE MARKING



## TYPICAL ISLAND MARKING

| TYPE OF MAR   | RKING      | WIDTH OF LINE   | PATTERN                 | COLOR                          | SPACING / REMARKS   |
|---|------------|---|-------------------------|--------------------------------|---|
| CENTERLINE ON 2 LANE P  |            | 4 (100)   | SKIP-DASE               | YHIOW                          | 10' (3 m) LINE WITH 30' (9 m) SPACE   |
| CENTERLINE ON MULTI-LI<br>PAVEMENT  |            | 2 @ 4 (100)   | SOLID                   | YELLOW                         | 11 (280) C-C  |
| NO PASSING ZONE LINES<br>FOR ONE DIRECTION<br>FOR BOTH DIRECTIONS           |            | 4 (100)<br>2 g 4 (100)  | SOLID<br>SOLID          | YELLOW<br>YELLOW               | 5½ (140) C-C FROM SKIP-DASH CENTERLINE<br>11 1280) C-C<br>DAIT SKIP-DASH CENTERLINE BETWEEN   |
| LANE LINES  |            | 4 (100)<br>5 (125) ON FREEWAYS  | SKIP-DASH<br>SKIP-DASH  | WHITE<br>WHITE                 | 10' (3 m) LINE WITH 30' (9 m) SPACE   |
| DOTTED LINES<br>(EXTENSIONS OF CENTER)<br>FURN LANE MARKINGS)               | LANE OR    | SAME AS LINE BEING<br>EXTENDED  | SKIP-DASH               | SAME AS LINE BEING<br>EXTENDED | 2' (600) LINE WITH 6' (1.8 m) SPACE   |
| EDGE LINES  |            | 4 (100)   | SOLID                   | YELLOW-LEFT<br>WHITE-RIGHT     | OUTLINE MOUNTABLE MEDIANS IN<br>YELLOW: EDGE LINES ARE NOT<br>USED NEXT TO BARRIER CURB   |
| TURN LANE MARKINGS  |            | 6 (150) LINE; FULL<br>SIZE LETTERS &<br>SYMBOLS (8' (2.4m))                           | SOLID                   | WHITE                          | SEE TYPICAL TURN LANE MARKING DETAIL  |
| TWO WAY LEFT TURN MAR   | KING       | 2 € 4 (100)<br>EACH DIRECTION   | SKIP-DASH<br>AND SOLID  | YELLOW                         | 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE   |
|   |            | 8' (2.4m) LEFT ARROW  | IN PAIRS                | WHITE                          | SEE TYPICAL TWO-WAY LEFT TURN<br>MARKING DETAIL   |
| CROSSWALK LINES (PEDES<br>A. DIAGONALS GIKE & ED<br>B. LONGITUDINAL BARS (S | (UESTRIAN) | 2 0 6 (150)<br>12 (300) 0 45°<br>12 (300) 0 90°                                       | SOLID<br>SOLID<br>SOLID | WHITE<br>WHITE<br>WHITE        | NOT LESS THAN 6' (J.S m) APART<br>2' (GOG) APART<br>2' (GOG) APART<br>SEE TYPICAL CROSSWALK MARKING CETAILS.  |
| STOP LINES  |            | 24 (600)  | SOLID                   | WHITE                          | PLACE 4' 0.2 III IN ADVANCE OF AND<br>PASALED TO CROSSMALK, IF PPESENT.<br>OTHERWISE, PLACE AT DESIDED STOPPING<br>POINT. PARALLEL TO DROSSROAD CENTERLINE, WHERE<br>POSSIBLE |
| PAINTED MEDIALS   |            | 2 @ 4 (100) WITH<br>12 (300) DIAGONALS  | SOLID                   | YELLOW:<br>TWO WAY TRAFFIC     | 11 (280) C-C FOR THE DOUBLE LINE  |
|   |            | a 45°<br>NO DIAGONALS JSED FOR<br>4' (1.2 m) WIDE MEDIANS                             |                         | WHITE:<br>ONE: WAY TRAFFIC     | SEE TYPICAL PAINTED MEDIAN MARKING.   |
| GORE MARKING AND<br>CHANNELIZING LINES                                      |            | 8 (200) WITH 12 (300)<br>DIAGONALS & 43°  | SOLID                   | WHITE                          | DTAGGNALS:<br>15' (4.5 m) C-C (LESS THAN 3GMPH (50 km/h))<br>20' (6 m) C-C 3GMPH (50 km/h) TO 45MPH (70 km/h))<br>30' (3 m) C-C (OVER 45MPH (70 km/h))                        |
| RATERDAD CROSSING   |            | 24 (600) TRANSVERSE<br>LINES; "RR" IS 6' (1.8 m)<br>LETTERS; 16 (400)<br>LINE FOR "X" | 50LTD                   | WHITE                          | SEE STATE STANDARD 780001<br>AREA 0F:<br>"R""3.5 S0. FT. (0.33 m <sup>2</sup> ) EACH<br>"X"=54.0 S0. FT. (5.0 m <sup>2</sup> )  |
| SHOULDER DIAGONALS  |            | 12 (300) <b>c</b> 45°   | SOLID                   | WHITE - RIGHT<br>YELLOW - LEFT | 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))<br>75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h))<br>150' (45 m) C-C (OVER 45MPH (70 km/h))                                  |

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

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|     | o:/pw.work/pwidot/drivakosgn/d0108315/to                               | 3.dgn                      | DRAWN -  | REVISED -C. JUCIUS 09-09-09  | STATE OF ILLINOIS  |      |
| Ì   |  | PLOT SCALE = 50.000 '/ IN. | CHECKED -  | REVISEO -  | DEPARTMENT OF TRANSPORTATION   | l    |
|     |  | PLOT DATE = 9/9/2009       | DATE - 03-19-90  | RÉVISED -  |  | 1    |
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COUNTY TOTAL SHEE SHEETS NO. LAKE 6 6 SECTION DISTRICT ONE 10-00171-00-SP TYPICAL PAVEMENT MARKINGS TC-13 CONTRACT NO.