01-20-2017 LETTING ITEM 088

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

PROPOSED

HIGHWAY PLANS

D-91-326-16





FAP 311 - US 34 (OGDEN AVE) OVER CRESS CREEK WEST OF BENEDETTI ROAD **SECTION: 2016-012B CULVERT REPAIR DUPAGE COUNTY**

C-91-326-16

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENT IS LOCATED IN THE VILLAGE OF NAPERVILLE

TRAFFIC DATA 2015 ADT US 34 (OGDEN AVENUE): 29,100

POSTED SPEED LIMIT US 34 (OGDEN AVENUE): 40 MPH

SN 022-0520

NAPERVILLE TOWNSHIP

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

PROJECT ENGINEER: JEAN ALAIN MIDY (847)221-3056 PROJECT MANAGER: ISSAM RAYYAN (847)705-4178

CONTRACT NO. 62C27

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 \bigcirc

STATE OF ILLINOIS

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

| INDE | X OF SHEETS | STANDARD NO. | DESCRIPTION |
|-----------|---|-------------------|---|
| CHEET NO | DESCRIPTION | 280001-07 | TEMPORARY EROSION CONTROL SYSTEM |
| SHEET NO. | COVER SHEET | 664001-02 | CHAIN LINK FENCE |
| 2 | INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES | 701101-05 | OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600MM) FROM PAVEMENT EDGE |
| 3 | SUMMARY OF QUANTITIES | 710601~09 | URBAN LANE CLOSURE MULTILANE, IW OR 2W WITH |
| 4 & 7 | WINGWALL PLAN | | NONTRAVERSABLE MEDIAN |
| 8 | PLAN & PROFILE | 701606-10 | MULTILANE, 2W WITH URBAN SINGLE LANE CLOSURE MOUNTABLE MEDIAN |
| 9 | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10) | 701801-06 | SIDEWALK, CORNER OR CROSSWALK CLOSURE |
| 10 | INFORMATION SIGN (TC-22) | 701901- <i>06</i> | TRAFFIC CONTROL DEVICES |

GENERAL NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF NAPERVILLE.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

REINFORCEMENT BARS SHALL BE EPOXY COATED.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 (72 HOURS IN ADVANCE OF BEGINNING WORK).

THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE BRIDGE INSPECTORS.

THE DEPARTMENT HAS DETERMINED THAT IN STREAM WORK IS NOT REQUIRED FOR THE WORK SPCIFIED IN THIS CONTRACT. THE DEPAREMENT HAS NOT OBTAINED THE U.S. ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT. IF THE CONTRACTOR CHOSES TO USE ACTIVITIES REQUIRING A 404 PERMIT, IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER USACE PERMITS.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

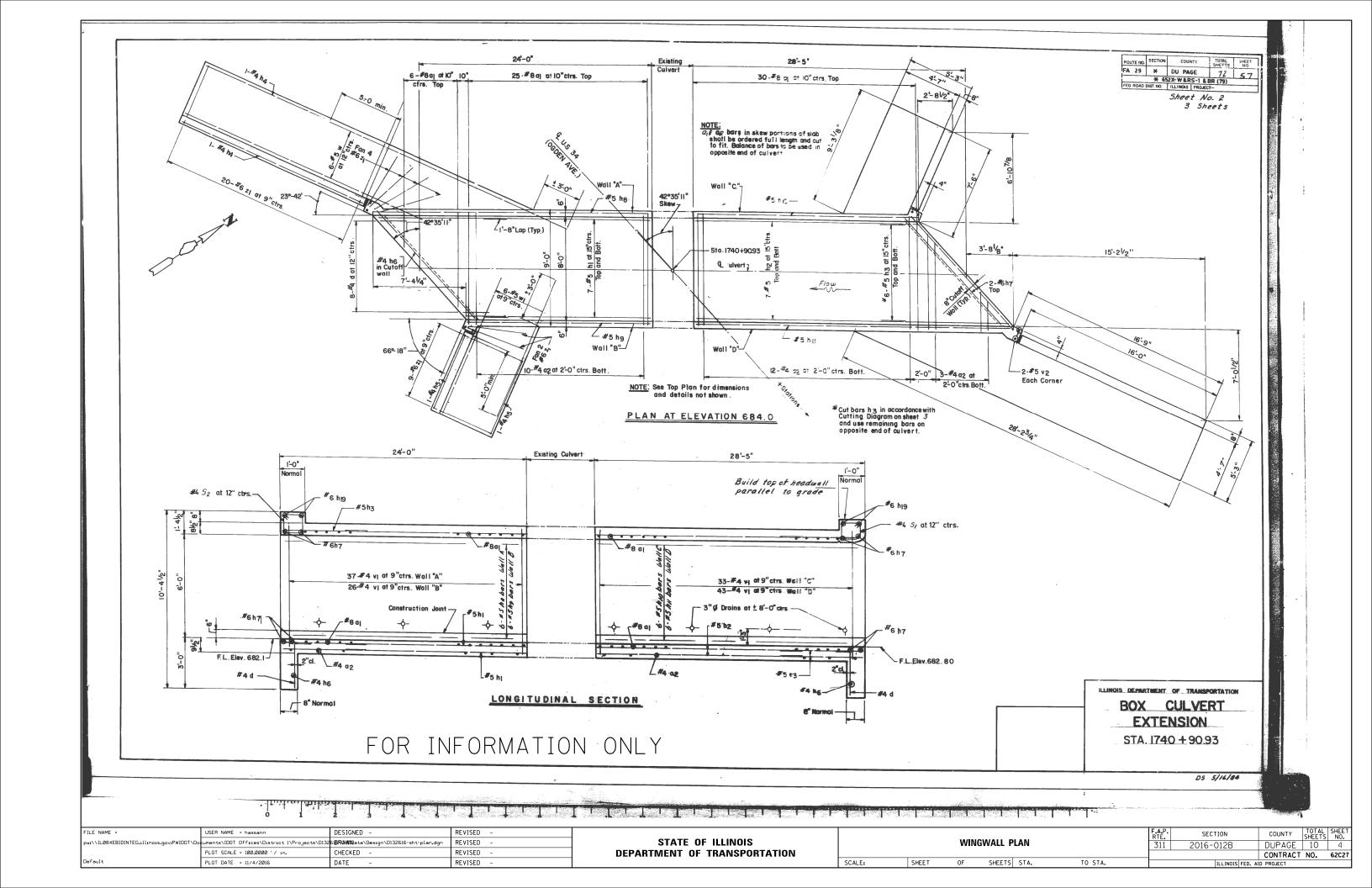
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| ı | p+1\\IL@84EBIDINTEG.:Ilinois.gov:PWIDOT\Do | umentali001 OfficeelOsatriot 1\Projectal033 | 6 6888400 0to/000130132616-07to-plan.dgA | REVISED - | ĺ |
| ı | | PLOT SCALE * 189.8000 '/ in. | CHECKED - | REVISED - | ĺ |
| ı | Default | PLOT DATE * 11/4/2016 | DATE ~ | REVISED - | ĺ |
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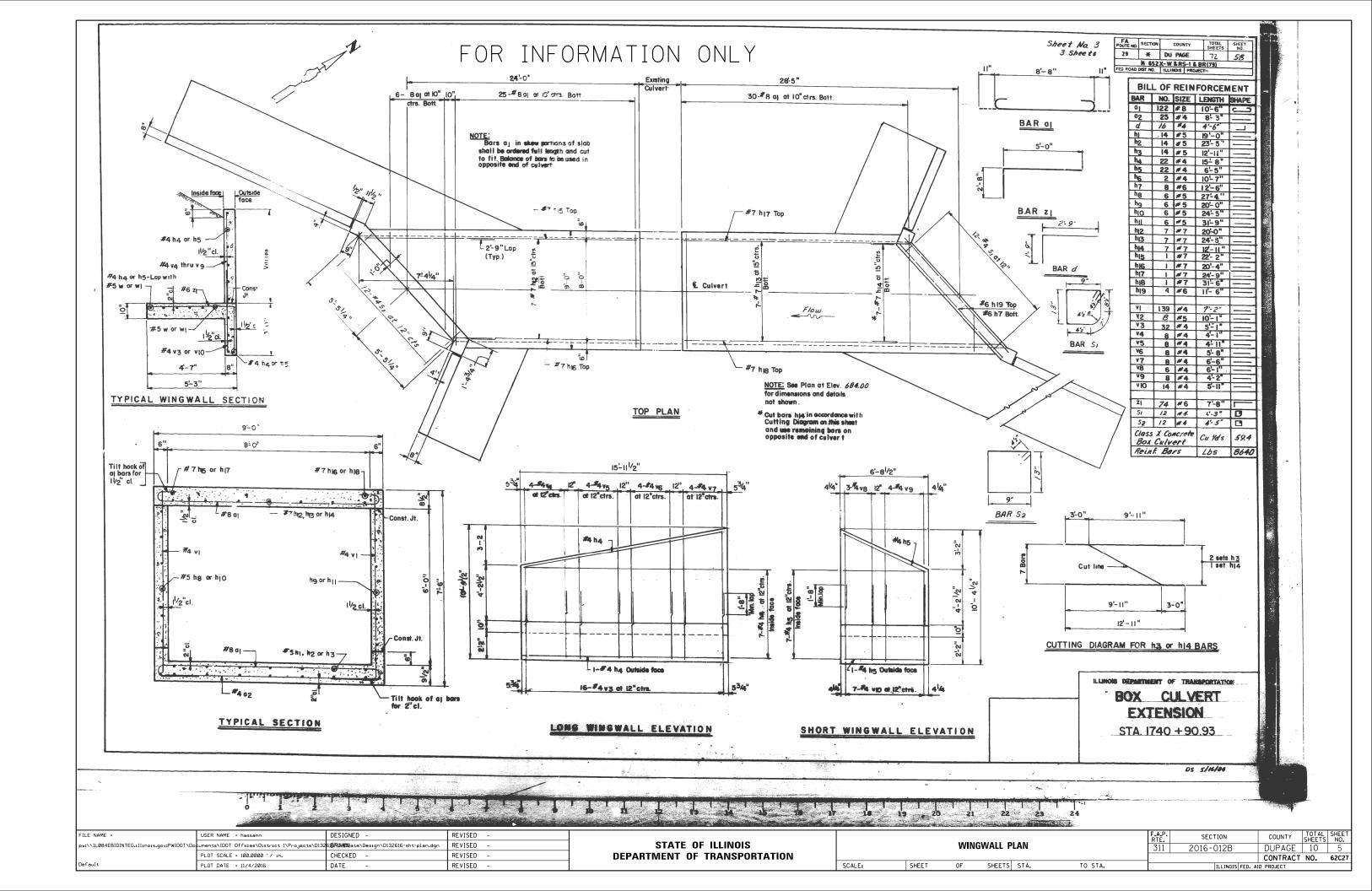
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| DEPARTMENT | OF | TRANSPORTATION |

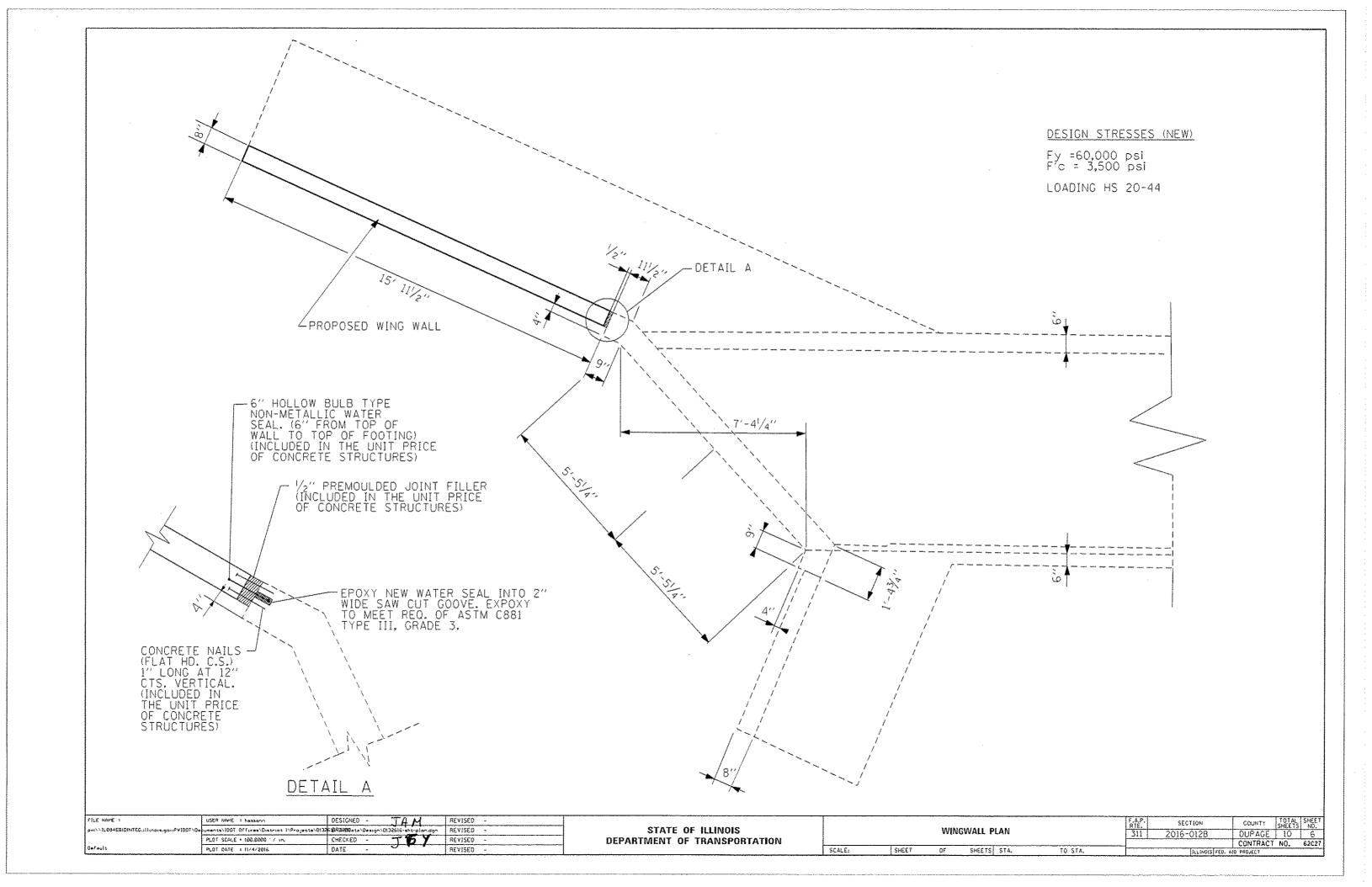
| INDEX | OF SHEETS, | STANI | DARDS, AND | GENERAL NOTES | 81E. 311 |
|--------|------------|-------|-------------|---------------|-------------|
| SCALE: | SHEET | 0F | SHEETS STA. | TO STA. | ┪ |

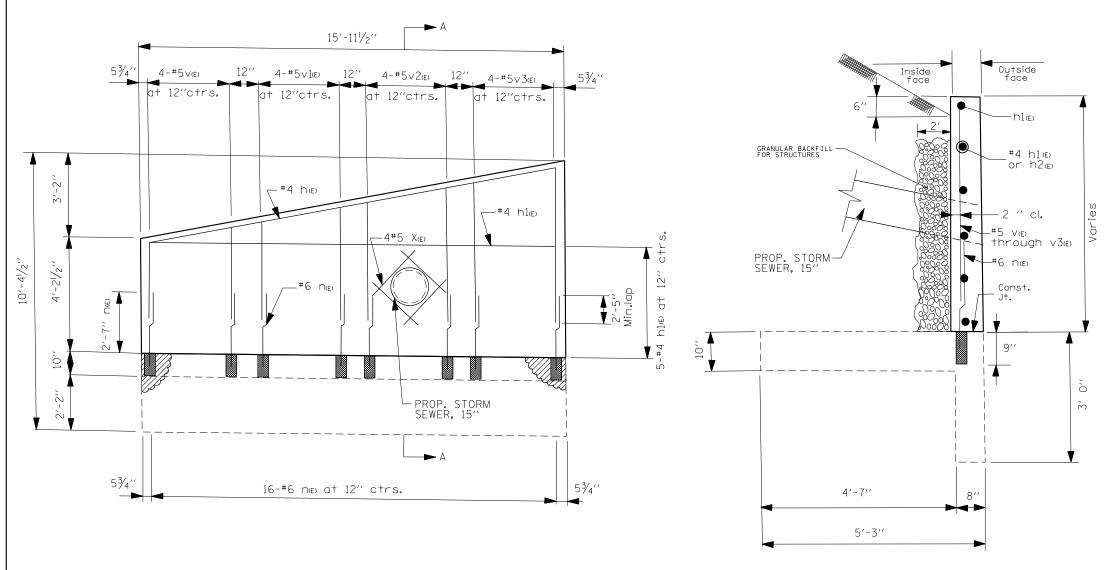
| | F.A.P. RYE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|----------------|----------------|-------------|-----------------|--------------|
| | 311 | 2016-012B | DUPAGE | 10 | 2 |
| _ | | | CONTRACT | NO. | 62C27 |
| _ | | ILL INOIS FED. | AID PROJECT | | |

| | | | URBAN | 100 % STATE | *************************************** | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | , | | | | | URBAN | 100 %. STATE | | | | | |
|----------------------------------|--|-------------|--|--|--|-----------|--|--|---|--|---|-------------|--|---|----------------------|--|------------------|--|---|
| | SUMMARY OF QUANTITIES | ······ | I | SIAIE | CC | ONSTRUCTI | ION TYPE | CODE | | 1 | SUMMARY OF QUANTITIES | | | Jime | | CONSTRUCT | ION TYPE | CODE | |
| | 55,11,11,125 | | TOTAL | | *************************************** | | MAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | *************************************** | 2000 | W | | ****** | TOTAL | | | | | | |
| CODE NO | ITEM | UNIT | QUANTITIES | | | | A view for the view of the vie | - Agentapha and a said | | CODE NO | ITEM | UNIT | QUANTITIES | | | | | | |
| 1 5 5 5 75 | У | | | 0004 | | | | | | | | | | 0004 | | | | | |
| 20200100 | EARTH EXCAVATION | CU YD | 90 | 90 | | | | A Company of the Comp | *** | 67100100 | MOBILIZATION | LSUM | 1 | 1 | | | | *************************************** | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | - | <u> </u> | | | | | ļ | | | | | | ļ | 1 | | |
| 20400800 | FURNISHED EXCAVATION | CU YD | 11 | 11 | | | | | | 70102630 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701601 | LSUM | 1 | 1 | | | | | |
| | | | | | | | | | | | | | | | | | | *** | |
| 21101615 | TODGOLL SUBSISSION AND DUAGE. 40 | | 75 | 75 | | | | | | 70102640 | TRAFFIC CONTROL AND PROTECTION. | LSUM | 1 | 1 | | | | | |
| 21101615 | TOPSOIL FURNISH AND PLACE, 4" | SO YD | 1 13 | 13 | | | | | | | TRAFFIC CONTROL AND PROTECTION, STANDARD 701801 | | ļ | | | | | - | |
| | | | | | ****** | | | | | | | | | | | | | | |
| 25000210 | SEEDING. CLASS 2A | ACRE | 0.1 | 0.1 | *************************************** | | | | | X5860110 | GRANULAR BACKFILL FOR STRUCTURES | CU YD | 8 | 8 | | | | | |
| | | | | | | | | | | | | | | | | , | | | |
| | | | - | | And the second s | | | | | | | | | | | ļ | | | |
| 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 9 | 9 | dendraterschafter Transchafter | | | after de vereteur de se | *************************************** | X6640300 | CHAIN LINK FENCE REMOVAL | FOOT | 30 | 30 | | | | in the state of th | |
| | | | | | | | | | | | | | | | | | | | |
| | | | ļ | | | | | | | | | | | | | | | | |
| 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 9 | 9 | | | | ļ | - | 20012755 | STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES) | SQ FT | 6 | 6 | | | | | |
| | | | 1 | ATTACAMA | | | | | | | 111111111111111111111111111111111111111 | | | | | | | | |
| 25100630 | EROSION CONTROL BLANKET | SQ YD | 75 | 75 | | | | | | Z0030850 | TEMPORARY INFORMATION SIGNING | SO FT | 42 | 42 | | | | | |
| | | | <u> </u> | ************************************** | | | | d de caración de c | - | 20030030 | TEM OWNER THE CHARLEST STORTED | 30 1 | 76 | ~~ | | | | | |
| | | | | | | | | And the state of t | | | | | | | | | | | |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | 55 | 55 | ************************************** | | - | **** | | Z0050100 | REMOVE AND RE-ERECT EXISTING HANDRAIL | FOOT | 30 | 30 | | *************************************** | | | |
| | | | Value of the same | | | | | | | | | | | | | | | | |
| | PORTLAND CEMENT CONCRETE SIDEWALK 5 | | | 1 | | | | ******* | | | | | <u> </u> | <u> </u> | ļ | | | | |
| 42400200 | INCH | \$0 FT | 400 | 400 | | | | | | | | | <u> </u> | | | | | | |
| | | | | | | | | ***** | | | | | *** | *************************************** | | vanishadd valonadd | | | |
| 44000600 | SIDEWALK REMOVAL | SO FT | 400 | 400 | | | <u> </u> | - | | | | | | | | | | | |
| 44000800 | SIDEMALK REMOVAL | 30 11 | 1 100 | 400 | | | | - | | | | | <u> </u> | <u></u> | ļ | | <u> </u> | | ··· |
| | | | | | | | | *************************************** | | | | | | | | | | | |
| 48301000 | PROTECTIVE COAT | SQ YD | 10 | 10 | | | | de de contraction de la contra | | | | | *************************************** | # ************************************ | - | | | | |
| | | | <u> </u> | and the state of t | | | | | | | | | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | | |
| | | | | Anna de la companya d | | | | - Advantage | | | | | <u> </u> | | | | - | | *************************************** |
| 50300225 | CONCRETE STRUCTURES | CU YD | 2. 3 | 2. 3 | | | | The second secon | 1 | | | | | | | | | | |
| | | | and a second sec | | | | | deermalinderthe | | Verification of the control of the c | | | | | | | | | |
| 50300300 | PROTECTIVE COAT | 50 VD | | 10 | | | | | \vdash | | | 1 | | | | | † | | *************************************** |
| 50300300 | PROTECTIVE COAT | SO YD | 12 | 12 | Augusta and a second | | | | 1 | | <u> </u> | | | - | - | *************************************** | - | | |
| | | | \$44 CARRIED | | *************************************** | | | | | | | | | | | ************************************** | | | |
| 50800205 | REINFORCEMENT BARS, EPOXY COATED | POUND | 280 | 280 | | | - | | | | | | | | | | | | |
| | | | 1 | <u> </u> | | | | | | | | | | | - | *************************************** | | | |
| | | | <u> </u> | <u> </u> | | | | | - | | | | | <u> </u> | | | _ | | |
| 550A0360 | STORM SEWERS, CLASS A, TYPE 2 15" | FOOT | 15 | 15 | appropriate and a second | | | | | | | | | | | And the second s | | | |
| | | | | | - | | | | | | | | | | 1 | | | | |
| 40.101 | | | - | | | | | | | | | | | <u> </u> | | | <u> </u> | | ************************************** |
| 66400105 | CHAIN LINK FENCE, 4' | FOOT | 30 | 30 | - Indiana | | *************************************** | | | | | | | | | *************************************** | | | |
| FILE NAME 1 DWANGOMEBIOHYTEGI | USER NAME z młórja lillodsgovPWIDDT-Documents/IDG Offices/District NProjects/District-NP | DESIGNED - | | REVISED REVISED | | | | S | TATE OF I | ILLINOIS | | | | | F.A.P RTE. 311 | 2016- | TION O12B | COUNTY S | TOTAL SHEET SHEETS NO. |
| | PL01 SCALE * 100,0000 */ In | CHECKED - | | REVISED | ~ | | l | | | RANSPORTA | 111011 | RY OF QUANT | | 0.57: | | | | CONTRACT | NO. 62C27 |
| | PLOT DATE = 11/4/2016 | DATE - | | REVISED | - | | <u> </u> | | · | | SCALE: SHEET NO. OF | SHEETS STA | . <u>T</u> | O STA. | FED. | ROAD DIST, NO. 1 | ILLINOIS FED. AI | | |









| | (ТОТ) | AL) BII | LL OF MATERI | AL |
|--------------------|-----------------------------------|---------|--------------|-------|
| BAR | NO. | SIZE | LENGTH | SHAPE |
| h1œ | 5 | # 5 | 15′-8′′ | |
| V(E) | 4 | # 5 | 4'-1'' | |
| ∨1(E) | 4 | # 5 | 4'-11'' | |
| V 2(E) | 4 | # 5 | 5′-8′′ | |
| V 3(E) | 4 | # 5 | 6′-6′′ | |
| ∩(E) | 16 | # 6 | 3′-4′′ | |
| hæ | 1 | # 4 | 15′-8′′ | |
| h2œ | 1 | # 4 | 6′-5′′ | |
| X(E) | 4 | # 5 | 3'-9'' | |
| REINFOR EPOXY (| CEMENT COATED | BARS, | LBS | 280 |
| GRANUL/ STRUCT | AR BACKF URES | ILL FOR | CU YD | 8 |
| STORM TYPE 2 | SEWERS, 15″ | CLASS A | FOOT | 15 |
| CONCRE | re struc | TURES | CU YD | 2.3 |
| CONCRET | JRAL REP TE (DEPTH R THAN 5 | | SQ FT | 6 |

SECTION A-A

NOTES:

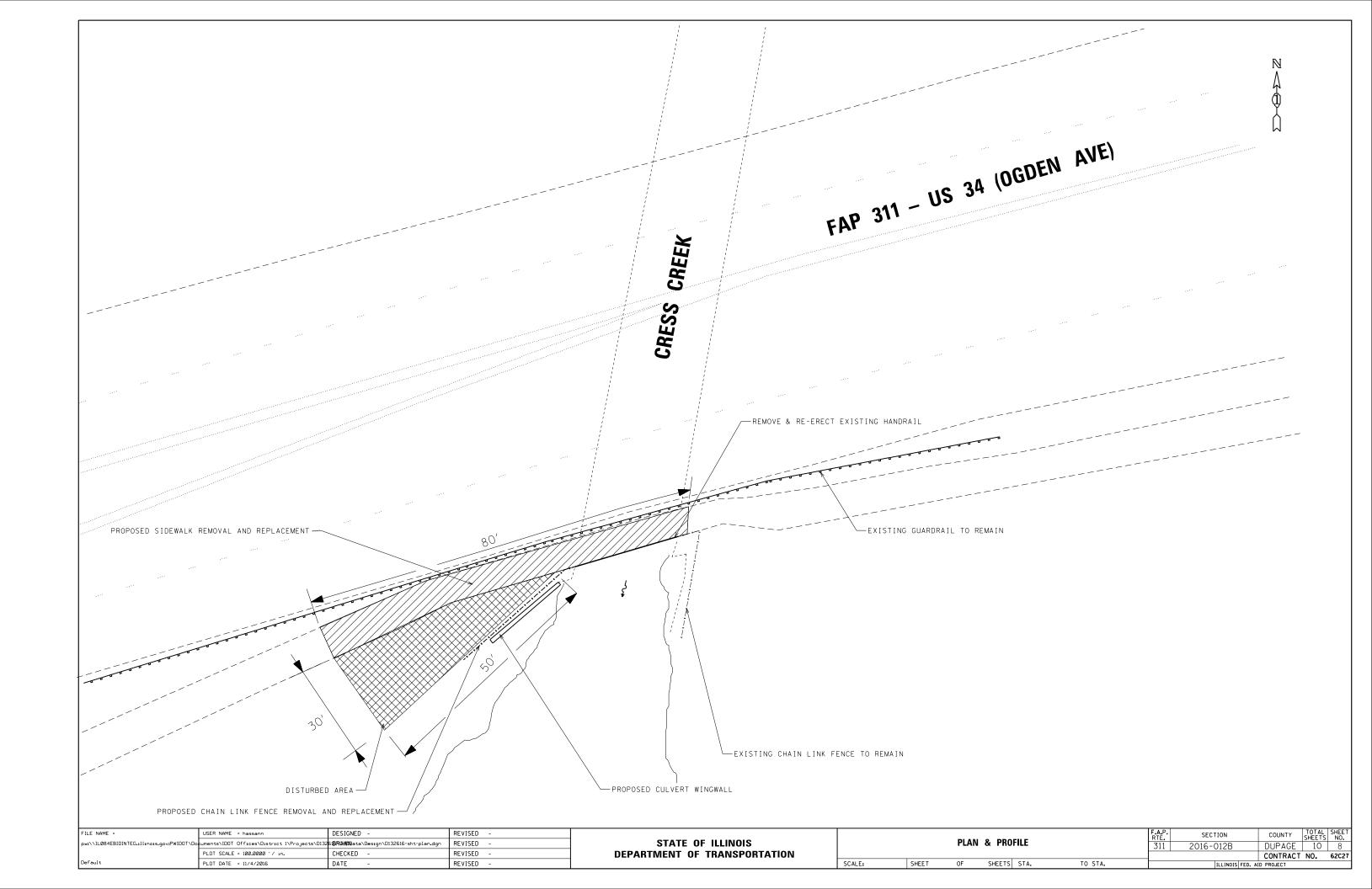
EXISTING REINFORCEMENT BARS EXTENDING IN TO REMOVAL AREA SHALL BE CLEAN, STRAIGHTEN AND INCORPORATED IN TO THE NEW CONSTRUCTION.
ANY REINFORCEMENT BARS THAT ARE DAMAGES DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM COST INCLUDED WITH CONCRETE REMOVAL.

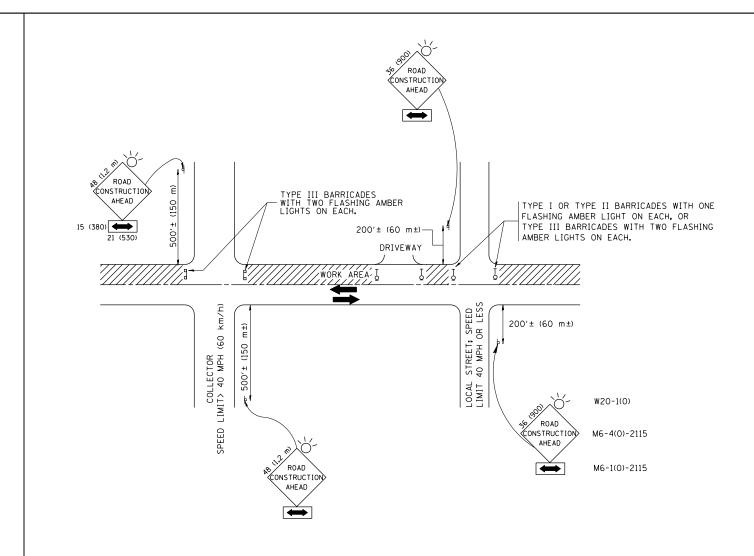
LEGEND:

DRILL AND EPOXY GROUT 9" MINIMUM INTO EXISTING CONCRETE BASE ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATION

STRUCTURAL REPAIR OF CONCRETE (DEPTH > 5")

| FILE NAME = | USER NAME = hassann | DESIGNED - | REVISED - | | | | | | | | F.A.P. | SECTION | COUNTY | TOTAL SHEET |
|--|---|---|-----------|------------------------------|--------|-------|------|--------|------|---------|--------|------------------|-----------|-------------|
| pw:\\IL084EBIDINTEG.:llinois.gov:PWIDOT\Do | cuments\IDOT Offices\District 1\Projects\D132 | SIBRAWINata\Design\D132616-sht-plan.dgn | REVISED - | STATE OF ILLINOIS | | | WING | WALL P | LAN | | 311 | 2016-012B | DUPAGE | 10 7 |
| | PLOT SCALE = 100.0000 '/ 10. | CHECKED - | REVISED - | DEPARTMENT OF TRANSPORTATION | | | | | | | | | CONTRACT | Γ NO. 62C27 |
| Default | PLOT DATE = 11/4/2016 | DATE - | REVISED - | | SCALE: | SHEET | OF | SHEETS | STA. | TO STA. | | ILLINOIS FED. AI | D PROJECT | |





TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- Q) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h)
 AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
- d) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1,2 m x 1,2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROLLTE.
- b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (MG-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (MG-4).

SCALE: NONE

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

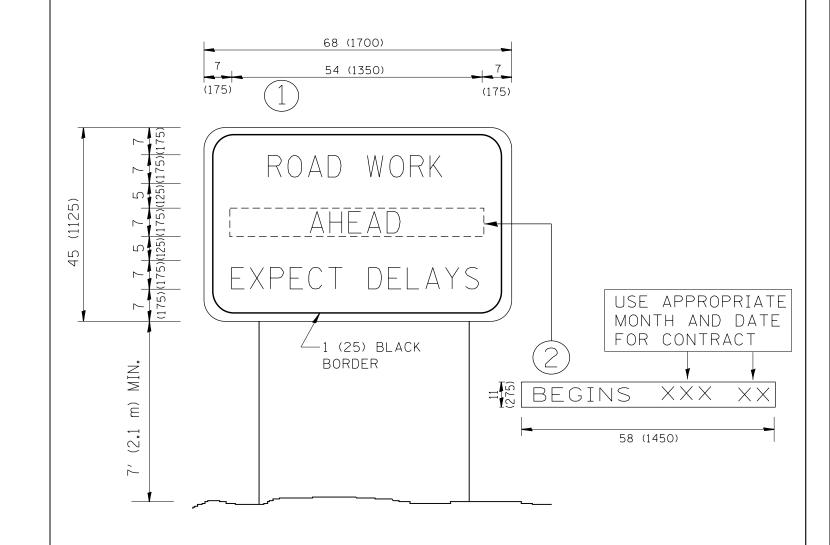
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

| FILE NAME = | USER NAME = hassann | DESIGNED - LHA | REVISED | - J. | . OBERLE 10-18-95 | _ |
|--|---|--|---------|-------|--------------------|---|
| pw:\\IL084EBIDINTEG.:ll:no:s.gov:PWIDOT\Do | cuments\IDOT Offices\District 1\Projects\D132 | 61 BRAWIN ata\Design\D132616-sht-plan.dgn | REVISED | - A | . HOUSEH 03-06-96 | |
| | PLOT SCALE = 100.0000 '/ in. | CHECKED - | REVISED | - A | . HOUSEH 10-15-96 | |
| | PLOT DATE = 11/4/2016 | DATE - 06-89 | REVISED | -T. F | RAMMACHER 01-06-00 | |

| STATI | E 01 | F ILLINOIS |
|------------|------|----------------|
| DEPARTMENT | 0F | TRANSPORTATION |

| | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS | | | | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEE NO. |
|--|---|---------|-----------|----------|------|------|----------------|-----------------------------------|-----------|-----------------|-------------|
| | | | | | | | 311 | 2016-012B | DUPAGE | 10 | 9 |
| | SIDE HOADS, I | IIVILII | SECTIONS, | , AND DI | | | | TC-10 | CONTRACT | NO. | 62C2 |
| | SHEET NO. 1 C |)F 1 | SHEETS | STA. | TO S | STA. | FED. RO | DAD DIST. NO. 1 ILLINOIS FED. A | D PROJECT | | |



NOTES:

- 1. USE BLACK LETTERING ON ORANGE BACKGROUND.
- 2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
- 4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
- 5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
- 7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

| FILE NAME = | USER NAME = hassann | DESIGNED - | REVISED | - R. MIRS 09-15-97 | | | ARTERIAL ROAD | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | HEET NO. |
|-------------|------------------------------|--|---------|--|--|-------------|------------------------------|---------|----------------|--|------------------------|-----------------|-------------|
| | PLOT SCALE = 100.0000 '/ in. | 2618RAANNata\Design\D132616-sht-plan.dgn CHECKED - | REVISED | - R. MIRS 12-11-97 -T. RAMMACHER 02-02-99 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | | INFORMATION SIGN | | 311 | 2016-012B | DUPAGE | 10 | 10 |
| | PLOT DATE = 11/4/2016 | DATE - | REVISED | - C. JUCIUS 01-31-07 | DEFARINCENT OF TRANSFORTATION | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS STA. | TO STA. | FED. ROA | TC-22 D DIST. NO. 1 ILLINOIS FED. A | CONTRACT ID PROJECT | NO. | 52C27 |