

DIRECT

SUBSURFACE UTILITY ENGINEERING (S.U.E.)  
UTILIZED ON THIS PROJECT

STATE OF ILLINOIS 01-20-2023 LETTING ITEM 080

| F.A.P. RTE.                 | SECTION   | COUNTY | TOTAL SHEETS                 | SHEET NO. |
|-----------------------------|-----------|--------|------------------------------|-----------|
| 541                         | WR(2)-R-1 | LAKE   | 164                          | 1         |
| ILLINOIS CONTRACT NO. 62A53 |           |        | * 164 + 3 = 167 TOTAL SHEETS |           |

INDEX OF SHEETS AND GENERAL NOTES, SEE SHEET NO. 2

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

# PROPOSED HIGHWAY PLANS

FAP ROUTE 541: IL 132 (GRAND AVENUE)  
DRY LAND BRIDGE (E OF CEDAR LAKE ROAD)

SECTION WR(2)-R-1  
PROJECT NHPP-ZM57(675)

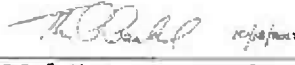



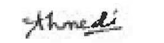



ROADWAY WIDENING AND DRY LAND BRIDGE REPLACEMENT  
LAKE COUNTY

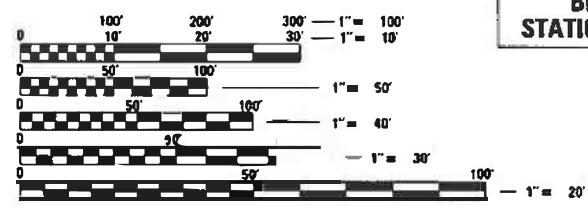
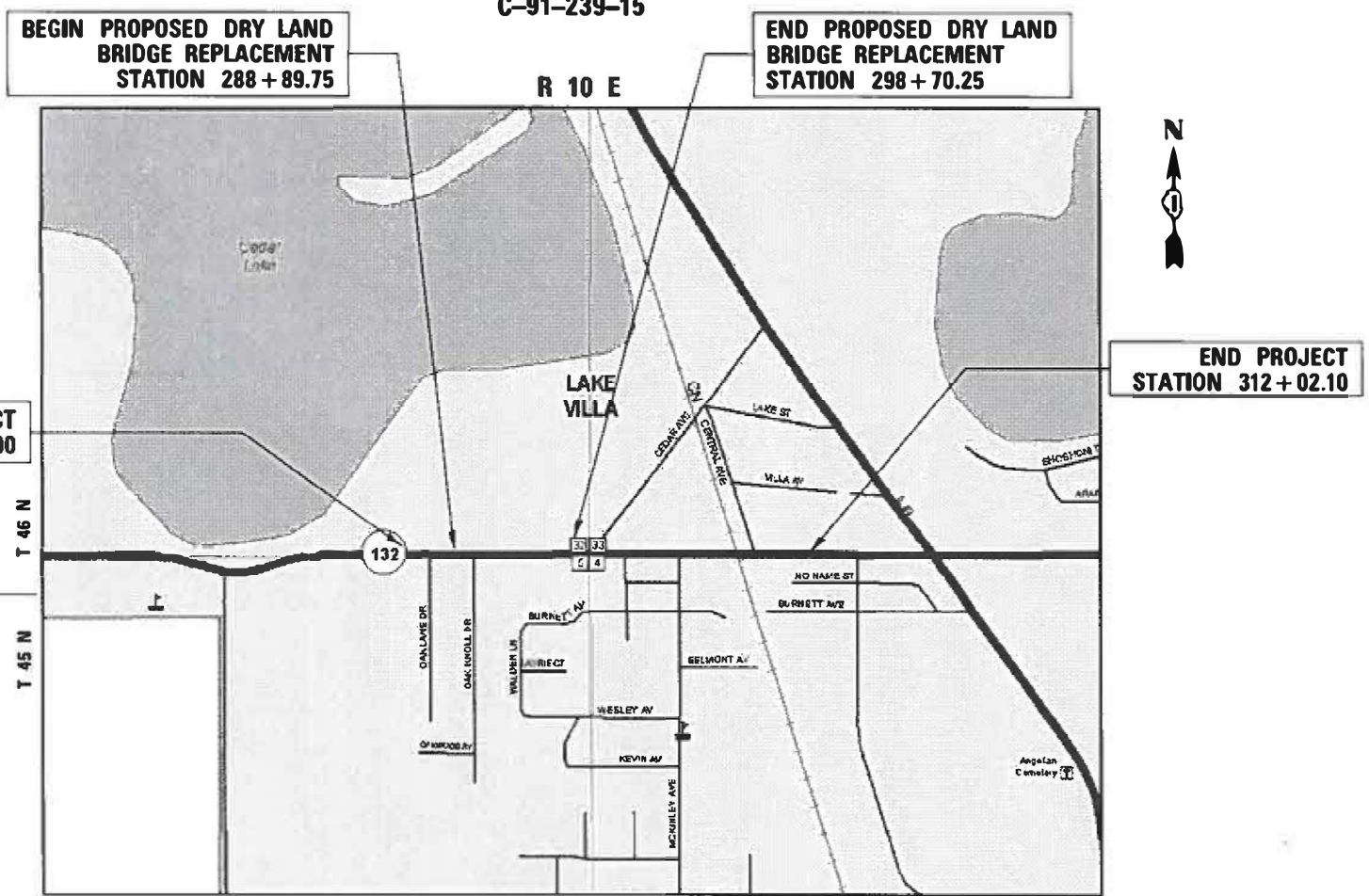
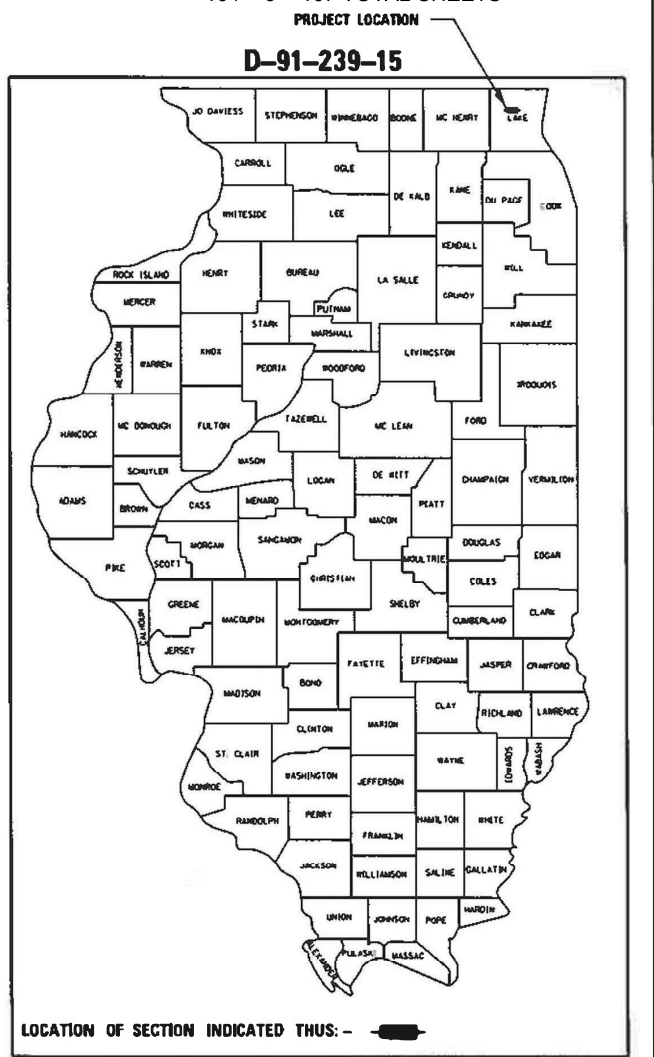
C-91-239-15

### TRAFFIC DATA

SPEED LIMIT: 30 MPH (POSTED)  
FUNCTIONAL CLASSIFICATION: OTHER PRINCIPAL ARTERIAL  
2019 ADT = 10,600

PROJECT LOCATED IN THE  
VILLAGE OF LAKE VILLA

|  |  |
|--|--|
| <br>Thomas P. Pacificchi, P.E.<br>Lic. No. 062.056747 Expires: 11/30/2023<br>ABNA ENGINEERING (SHTS 2-18, 22-30, 41-49, 72-75, 137-164) | SEAL<br>  |
| <br>Peter R. Dymkowski, S.E.<br>Lic. No. 081.006519 Expires: 11/30/2022<br>ABNA ENGINEERING (SHTS 81-85, 103-120)                       | SEAL<br>  |
| <br>Ahmed B. Bee, P.E.<br>Lic. No. 062-072692 Expires: 11/30/2023<br>ACCURATE GROUP, INC. (SHTS 19-21, 31-40, 67-71, 77-80)             | SEAL<br>  |
| <br>Maen Farhat, S.E.<br>Lic. No. 081-008545 Expires: 11/30/2024<br>ACCURATE GROUP, INC. (SHTS 86-102)                                 | SEAL<br> |



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.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: PRAVEEN KAINI, PE 847-705-4237  
PROJECT MANAGER: J. ALAIN MIDY, PE 847-221-3056


CONTRACT NO. 62A53

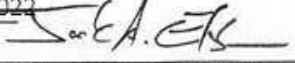
GROSS LENGTH = 2,811.10 FT. = 0.532 MILE  
NET LENGTH = 2,811.10 FT. = 0.532 MILE


PREPARED BY:  
 **ABNA** 9901 S. Western Ave.  
Chicago, IL 60643  
DESIGN FIRM REG. 184.002117 Ph. 773-881-4788  
F: 773.239.3728

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED December 14, 2022

  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
December 9, 2022

  
ENGINEER OF DESIGN AND ENVIRONMENT  
December 9, 2022

  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

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|           |  |
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| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS                         |
| 001001-02 | AREAS OF REINFORCEMENT BARS  |
| 001006    | DECIMAL OF AN INCH AND OF A FOOT                                     |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS                                    |
| 420406    | PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB                    |
| 424001-11 | PERPENDICULAR CURB RAMPS FOR SIDEWALKS                               |
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| 602301-04 | INLET - TYPE A   |
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| 602421-09 | PRECAST MANHOLE TYPE A 9' (2.74m) DIAMETER                           |
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| 602701-02 | MANHOLE STEPS  |
| 604001-05 | FRAME AND LIDS TYPE 1  |
| 604006-05 | FRAME AND GRATE TYPE 3   |
| 604011-05 | FRAME AND GRATE TYPE 3V  |
| 604036-03 | GRATE TYPE 8   |
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| 665001-02 | WOVEN WIRE FENCE   |
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| 667001-01 | DRAINAGE MARKERS   |
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**GENERAL NOTES**

- PRIOR TO DESIGN ALL RIGHT OF WAY AND EASEMENTS WERE CONVEYED FROM THE PLATTED EXISTING AND PROPOSED CENTERLINE OF IL 132 AND ARE MONUMENTED AND TIED HEREIN. ALL REMOVAL ITEMS ARE TIED TO SAID EXISTING AND PROPOSED CENTERLINE OF IL 132. THE BASELINE / PGL OF STRUCTURE IS A STRAIGHT LINE FROM THE INTERSECTION OF PROPOSED CENTERLINES OF THE WEST ABUTMENT AND EAST ABUTMENTS WITH THE EXISTING AND PROPOSED CENTERLINE OF IL 132, SINCE THE PLATTED EXISTING AND PROPOSED CENTERLINE OF IL 132 DEFLECTS FROM THE PROPOSED BASELINE OF STRUCTURE NORTH UP TO 6". WITHIN THE LIMITS OF THE PROPOSED STRUCTURE ALL STATION AND OFFSETS OF PROPOSED IMPROVEMENTS WILL BE FROM THE BL / PGL OF STRUCTURE.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E" AT (800) 892-0213 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF LAKE VILLA.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE. ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING, EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT [KALPANA.KANNAN-IIOGADURGA@ILLINOIS.GOV](mailto:KALPANA.KANNAN-IIOGADURGA@ILLINOIS.GOV) A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE RESIDENT ENGINEER SHALL NOTIFY FADI SULTAN AREA TRAFFIC FIELD ENGINEER AT [FADI.SULTAN@ILLINOIS.GOV](mailto:FADI.SULTAN@ILLINOIS.GOV) AT LEAST TWO WEEKS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.
- THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE PAID AT THE CONTRACT UNIT PRICE PER FOOT FOR "GUARDRAIL REMOVAL".
- FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.
- ALL STORM SEWER CONNECTIONS WITH PIPES 27 INCHES IN DIAMETER AND SMALLER SHALL BE MADE WITH PRECAST "TEE" OR "WYE" PIPES. FOR PROPOSED STORM SEWER PIPES LARGER THAN 27 INCHES IN DIAMETER, OPENINGS OF THE SPECIFIED DIAMETER SHALL BE MADE IN THE PIPE AT THE TIME IT IS MANUFACTURED. PRECAST "TEE" AND "WYE" PIPE CONNECTIONS (LABOR AND MATERIALS) FOR PROPOSED STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE STORM SEWERS, OF THE TYPE AND SIZE SPECIFIED.
- FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB & GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON PLANS.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
- SAW CUT (FULL DEPTH) SHALL BE REQUIRED AT THE JOINT BETWEEN PAVEMENT, SIDEWALK, CURB & GUTTER, MEDIAN, DRIVEWAY PAVEMENT, AND HOT-MIX ASPHALT SURFACES TO BE REMOVED AND AREAS LEFT IN PLACE OR AS DIRECTED BY THE ENGINEER.
- THE EXISTING GROUND COVER SHALL REMAIN IN ANY AREA WHERE THERE IS NO PROPOSED GRADING.
- THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.
- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED, AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.
- PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
- MILLING AND PAVING OPERATIONS MUST INCLUDE APPROACHES UP TO THE RAILROAD TRACK PANELS.

**COMMITMENTS:** NO COMMITMENTS

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|  |                             |                |           |  |  |                    |           |        |              |           |
|--|-----------------------------|----------------|-----------|--|--|--------------------|-----------|--------|--------------|-----------|
|  <p><b>ABNA</b><br/>DESIGN FIRM REG. 184.002117</p> | USER NAME = IDOTCAD         | DESIGNED - MBJ | REVISED - | <p align="center"><b>STATE OF ILLINOIS</b><br/><b>DEPARTMENT OF TRANSPORTATION</b></p> | <p align="center"><b>IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE</b><br/><b>GENERAL NOTES, STANDARDS AND INDEX OF SHEETS</b></p> | F.A.P. R.T.E.      | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|  | PLOT SCALE = 40.0000' / in. | DRAWN - MBJ    | REVISED - |  |  | 541                | WR(2)-R-1 | LAKE   | 164          | 2         |
|  | PLOT DATE = 11/30/2022      | CHECKED - TPP  | REVISED - |  |  | CONTRACT NO. 62A53 |           |        |              |           |

SCALE: INT'S 20' SHEET 1 OF 1 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT



| SUMMARY OF QUANTITIES |          |  |          | 80% FED. / 20% STATE |       |      |
|-----------------------|----------|--|----------|----------------------|-------|------|
|                       |          |  |          | CONSTRUCTION CODE    |       |      |
| SP                    | CODE NO. | CODED PAY ITEM                               | UNIT     | TOTAL                | 0003  | 0004 |
|                       |          |  | QUANTITY | URBAN                | URBAN |      |
|                       | 20100110 | TREE REMOVAL (6 TO 15 UNITS DIAMETER)        | UNIT     | 178                  | 160   | 18   |
|                       | 20100210 | TREE REMOVAL (OVER 15 UNITS DIAMETER)        | UNIT     | 441                  | 373   | 68   |
|                       | 20101000 | TEMPORARY FENCE                              | FOOT     | 3598                 | 3598  | 0    |
|                       | 20101200 | TREE ROOT PRUNING                            | EACH     | 5                    | 5     | 0    |
|                       | 20101350 | TREE PRUNING (OVER 10 INCH DIAMETER)         | EACH     | 5                    | 5     | 0    |
|                       | 20200100 | EARTH EXCAVATION                             | CU YD    | 6602                 | 2272  | 4330 |
|                       | 20201200 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL  | CU YD    | 634                  | 317   | 317  |
|                       | 20800150 | TRENCH BACKFILL                              | CU YD    | 969                  | 969   | 0    |
|                       | 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD    | 1688                 | 1688  | 0    |
|                       | 21101505 | TOPSOIL EXCAVATION AND PLACEMENT             | CU YD    | 2914                 | 319   | 2595 |
|                       | 21101805 | COMPOST FURNISH AND PLACE, 2"                | SQ YD    | 12,761               | 12761 | 0    |
|                       | 25000210 | SEEDING, CLASS 2A                            | ACRES    | 1.25                 | 1.25  | 0    |
|                       | 25000310 | SEEDING, CLASS 4                             | ACRES    | 1.5                  | 1.5   | 0    |
|                       | 25000400 | NITROGEN FERTILIZER NUTRIENT                 | POUND    | 107                  | 107   | 0    |
|                       | 25000600 | POTASSIUM FERTILIZER NUTRIENT                | POUND    | 107                  | 107   | 0    |
|                       | 25100115 | MULCH, METHOD 2                              | ACRE     | 2.75                 | 2.75  | 0    |
|                       | 25100630 | EROSION CONTROL BLANKET                      | SQ YD    | 12,761               | 12761 | 0    |
|                       | 28000250 | TEMPORARY EROSION CONTROL SEEDING            | POUND    | 527                  | 527   | 0    |
|                       | 28000305 | TEMPORARY DITCH CHECKS                       | FOOT     | 330                  | 330   | 0    |

| SUMMARY OF QUANTITIES |          |   |       | 80% FED. / 20% STATE |       |       |
|-----------------------|----------|---|-------|----------------------|-------|-------|
|                       |          |   |       | CONSTRUCTION CODE    |       |       |
| SP                    | CODE NO. | CODED PAY ITEM  | UNIT  | TOTAL                | 0003  | 0004  |
|                       |          |   |       |                      | URBAN | URBAN |
|                       | 28000400 | PERIMETER EROSION BARRIER                               | FOOT  | 3598                 | 3598  | 0     |
|                       | 28000510 | INLET FILTERS   | EACH  | 61                   | 61    | 0     |
|                       | 28100105 | STONE RIPRAP, CLASS A3                                  | SQ YD | 119                  | 119   | 0     |
|                       | 28200200 | FILTER FABRIC   | SQ YD | 119                  | 119   | 0     |
|                       | 30300112 | AGGREGATE SUBGRADE IMPROVEMENT 12"                      | SQ YD | 4954                 | 3969  | 985   |
|                       | 31101200 | SUBBASE GRANULAR MATERIAL, TYPE B 4"                    | SQ YD | 4002                 | 0     | 4002  |
|                       | 31101400 | SUBBASE GRANULAR MATERIAL, TYPE B 6"                    | SQ YD | 989                  | 989   | 0     |
|                       | 31101810 | SUBBASE GRANULAR MATERIAL, TYPE B 12"                   | SQ YD | 2081                 | 2081  | 0     |
|                       | 35101800 | AGGREGATE BASE COURSE, TYPE B 6"                        | SQ YD | 659                  | 659   | 0     |
|                       | 35501319 | HOT-MIX ASPHALT BASE COURSE, 8 3/4"                     | SQ YD | 1169                 | 1169  | 0     |
|                       | 35600711 | HOT-MIX ASPHALT BASE COURSE WIDENING, 8 3/4"            | SQ YD | 480                  | 480   | 0     |
|                       | 40200800 | AGGREGATE SURFACE COURSE, TYPE B                        | TON   | 500                  | 0     | 500   |
|                       | 40600290 | BITUMINOUS MATERIALS (TACK COAT)                        | POUND | 3,524                | 3,460 | 64    |
|                       | 40600400 | MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS              | TON   | 3                    | 3     | 0     |
|                       | 40603200 | POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 | TON   | 330                  | 330   | 0     |
|                       | 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT            | SQ YD | 121                  | 121   | 0     |
|                       | 40603085 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70             | TON   | 236                  | 236   | 0     |
|                       | 40604062 | HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70    | TON   | 638                  | 638   | 0     |
|                       | 42000070 | PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB       | SQ YD | 74                   | 74    | 0     |
|                       | 42300200 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH      | SQ YD | 394                  | 358   | 36    |
|                       | 42300400 | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH      | SQ YD | 939                  | 605   | 334   |

\*INDICATES SPECIALTY ITEMS

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = IDOTCAD         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 48.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/18/2022      | DATE - 10/18/2022 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
SUMMARY OF QUANTITIES

SCALE: NTS SHEET 1 OF 5 SHEETS STA. TO STA.

|                    |           |        |                           |           |
|--------------------|-----------|--------|---------------------------|-----------|
| F.A.P. RTE.        | SECTION   | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 541                | WR(2)-R-1 | LAKE   | 164                       | 3         |
| CONTRACT NO. 62A53 |           |        | ILLINOIS FED. AID PROJECT |           |

| SUMMARY OF QUANTITIES |          |  |       |         |        | 80% FED. / 20% STATE |    |          |   |       | SUMMARY OF QUANTITIES |      |         |      |      |         | VLLAGE OF LAKE VILLA<br>100% |  |
|-----------------------|----------|--|-------|---------|--------|----------------------|----|----------|---|-------|-----------------------|------|---------|------|------|---------|------------------------------|--|
|                       |          |  |       |         |        | CONSTRUCTION CODE    |    |          |   |       |                       |      |         |      |      |         | CONSTRUCTION CODE            |  |
|                       |          |  |       |         |        | ROADWAY              |    |          |   |       | BRIDGE                |      |         |      |      | ROADWAY |                              |  |
| SP                    | CODE NO. | CODED PAY ITEM                           | UNIT  | TOTAL   | 0003   | 0004                 | SP | CODE NO. | CODED PAY ITEM                                      | UNIT  | TOTAL                 | 0003 | 0004    | 0003 | 0004 | 0003    |                              |  |
|                       | 42400200 | PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH | SQ FT | 17,163  | 8,623  | 8,540                |    |          |   |       |                       |      |         |      |      |         |                              |  |
|                       | 42400800 | DETECTABLE WARNINGS                      | SQ FT | 280     | 260    | 20                   |    | 50800205 | REINFORCEMENT BARS, EPOXY COATED                    | POUND | 859,560               | 0    | 859,560 | 0    |      |         |                              |  |
|                       | 44000100 | PAVEMENT REMOVAL                         | SQ YD | 3,543   | 3,107  | 436                  |    | 50800515 | BAR SPLICERS  | EACH  | 4,068                 | 0    | 4,068   | 0    |      |         |                              |  |
|                       | 44000158 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"  | SQ YD | 6,874   | 6,874  | 0                    |    | 51200958 | FURNISHING METAL PILE SHELLS, 14" X 0.250"          | FOOT  | 19,663                | 0    | 19,663  | 0    |      |         |                              |  |
|                       | 44000200 | DRIVEWAY PAVEMENT REMOVAL                | SQ YD | 1,878   | 1,502  | 376                  |    | 51202305 | DRIVING PILES                                       | FOOT  | 19,663                | 0    | 19,663  | 0    |      |         |                              |  |
|                       | 44000500 | COMBINATION CURB AND GUTTER REMOVAL      | FOOT  | 862     | 452    | 410                  |    | 51203200 | TEST PILES METAL SHELLS                             | EACH  | 14                    | 0    | 14      | 0    |      |         |                              |  |
|                       | 44000600 | SIDEWALK REMOVAL                         | SQ FT | 33,308  | 26,236 | 7,072                |    | 52000110 | PREFORMED JOINT STRIP SEAL                          | FOOT  | 267                   | 0    | 267     | 0    |      |         |                              |  |
|                       | 44003100 | MEDIAN REMOVAL                           | SQ FT | 29      | 29     | 0                    |    | 54001001 | BOX CULVERT END SECTIONS, CULVERT NO. 1             | EACH  | 1                     | 0    | 1       | 0    |      |         |                              |  |
|                       | 44004250 | PAVED SHOULDER REMOVAL                   | SQ YD | 846     | 301    | 545                  |    | 54010302 | PRECAST CONCRETE BOX CULVERTS 3' X 2'               | FOOT  | 77                    | 35   | 42      | 0    |      |         |                              |  |
|                       | 44201749 | CLASS D PATCHES, TYPE I, 9 INCH          | SQ YD | 30      | 30     | 0                    |    | 54213657 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" | EACH  | 1                     | 1    | 0       | 0    |      |         |                              |  |
|                       | 44201753 | CLASS D PATCHES, TYPE II, 9 INCH         | SQ YD | 120     | 120    | 0                    |    | 54213663 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18" | EACH  | 2                     | 2    | 0       | 0    |      |         |                              |  |
|                       | 44201757 | CLASS D PATCHES, TYPE III, 9 INCH        | SQ YD | 240     | 240    | 0                    |    | 54213669 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24" | EACH  | 2                     | 2    | 0       | 0    |      |         |                              |  |
|                       | 48101500 | AGGREGATE SHOULDERS, TYPE B 6"           | SQ YD | 55      | 55     | 0                    |    | 54213675 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30" | EACH  | 4                     | 0    | 0       | 4    |      |         |                              |  |
|                       | 50100100 | REMOVAL OF EXISTING STRUCTURES           | EACH  | 2       | 1      | 1                    |    | 542A0235 | PIPE CULVERTS, CLASS A, TYPE 1 30"                  | FOOT  | 140                   | 0    | 0       | 140  |      |         |                              |  |
|                       | 50200100 | STRUCTURE EXCAVATION                     | CU YD | 1,665   | 0      | 1,665                |    | 550A0050 | STORM SEWERS, CLASS A, TYPE 1 12"                   | FOOT  | 545                   | 251  | 294     | 0    |      |         |                              |  |
|                       | 50300225 | CONCRETE STRUCTURES                      | CU YD | 674.1   | 0      | 674.1                |    | 550A0070 | STORM SEWERS, CLASS A, TYPE 1 15"                   | FOOT  | 25                    | 0    | 25      | 0    |      |         |                              |  |
|                       | 50300255 | CONCRETE SUPERSTRUCTURE                  | CU YD | 2,040.5 | 0      | 2,040.5              |    | 550A0090 | STORM SEWERS, CLASS A, TYPE 1 18"                   | FOOT  | 91                    | 39   | 52      | 0    |      |         |                              |  |
|                       | 50300260 | BRIDGE DECK GROOVING                     | SQ YD | 3,810   | 0      | 3,810                |    | 550A0120 | STORM SEWERS, CLASS A, TYPE 1 24"                   | FOOT  | 86                    | 42   | 44      | 0    |      |         |                              |  |
|                       | 50300300 | PROTECTIVE COAT                          | SQ YD | 4,214   | 0      | 4,214                |    | 550A0360 | STORM SEWERS, CLASS A, TYPE 2 15"                   | FOOT  | 635                   | 635  | 0       | 0    |      |         |                              |  |
|                       | 50301350 | CONCRETE SUPERSTRUCTURE (APPROACH SLAB)  | CU YD | 107.3   | 0      | 107.3                |    | 550A0380 | STORM SEWERS, CLASS A, TYPE 2 18"                   | FOOT  | 206                   | 16   | 190     | 0    |      |         |                              |  |

**\*INDICATES SPECIALTY ITEMS**



|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = IDOTCAD         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 48.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/20/2022      | DATE - 10/20/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
SUMMARY OF QUANTITIES**

SCALE: NTS SHEET 2 OF 5 SHEETS STA. TO STA.

|                           |           |        |                    |           |
|---------------------------|-----------|--------|--------------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS       | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164                | 4         |
| ILLINOIS FED. AID PROJECT |           |        | CONTRACT NO. 62A53 |           |



| SUMMARY OF QUANTITIES |          |   |      |       | 80% FED. / 20% STATE |                |
|-----------------------|----------|---|------|-------|----------------------|----------------|
|                       |          |   |      |       | CONSTRUCTION CODE    |                |
| SP                    | CODE NO. | CODED PAY ITEM  | UNIT | TOTAL | ROADWAY<br>0003      | BRIDGE<br>0004 |
|                       | 550A0410 | STORM SEWERS, CLASS A, TYPE 2 24"                       | FOOT | 530   | 250                  | 280            |
|                       | 550A0450 | STORM SEWERS, CLASS A, TYPE 2 36"                       | FOOT | 36    | 36                   | 0              |
|                       | 550A0480 | STORM SEWERS, CLASS A, TYPE 2 48"                       | FOOT | 628   | 0                    | 628            |
|                       | 55100200 | STORM SEWER REMOVAL 6"                                  | FOOT | 137   | 137                  | 0              |
|                       | 55100400 | STORM SEWER REMOVAL 10"                                 | FOOT | 110   | 110                  | 0              |
|                       | 55100500 | STORM SEWER REMOVAL 12"                                 | FOOT | 278   | 278                  | 0              |
|                       | 55100700 | STORM SEWER REMOVAL 15"                                 | FOOT | 289   | 289                  | 0              |
|                       | 55100900 | STORM SEWER REMOVAL 18"                                 | FOOT | 132   | 132                  | 0              |
|                       | 55101200 | STORM SEWER REMOVAL 24"                                 | FOOT | 402   | 402                  | 0              |
|                       | 55101600 | STORM SEWER REMOVAL 36"                                 | FOOT | 56    | 56                   | 0              |
|                       | 55101900 | STORM SEWER REMOVAL 48"                                 | FOOT | 668   | 668                  | 0              |
|                       | 56400300 | FIRE HYDRANTS TO BE ADJUSTED                            | EACH | 5     | 5                    | 0              |
|                       | 56500600 | DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED             | EACH | 8     | 8                    | 0              |
|                       | 60108204 | PIPE UNDERDRAINS, TYPE 2, 4"                            | FOOT | 500   | 500                  | 0              |
|                       | 60218400 | MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, CLOSED LID | EACH | 1     | 0                    | 1              |
|                       | 60219570 | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE  | EACH | 3     | 2                    | 1              |
|                       | 60222240 | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE  | EACH | 2     | 2                    | 0              |
|                       | 60222270 | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3V FRAME AND GRATE  | EACH | 2     | 1                    | 1              |
|                       | 60224039 | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE  | EACH | 1     | 1                    | 0              |
|                       | 60224120 | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 3V FRAME AND GRATE  | EACH | 2     | 2                    | 0              |

| SUMMARY OF QUANTITIES |          |   |        |       | 80% FED. / 20% STATE |                |
|-----------------------|----------|---|--------|-------|----------------------|----------------|
|                       |          |   |        |       | CONSTRUCTION CODE    |                |
| SP                    | CODE NO. | CODED PAY ITEM  | UNIT   | TOTAL | ROADWAY<br>0003      | BRIDGE<br>0004 |
|                       | 60224446 | MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID     | EACH   | 6     | 6                    | 0              |
|                       | 60224469 | MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID     | EACH   | 1     | 0                    | 1              |
|                       | 60236200 | INLETS, TYPE A, TYPE 8 GRATE                                | EACH   | 1     | 1                    | 0              |
|                       | 60237470 | INLETS, TYPE A, TYPE 24 FRAME AND GRATE                     | EACH   | 4     | 4                    | 0              |
|                       | 60240324 | INLETS, TYPE B, TYPE 20 FRAME AND GRATE                     | EACH   | 1     | 1                    | 0              |
|                       | 60240328 | INLETS, TYPE B, TYPE 24 FRAME AND GRATE                     | EACH   | 2     | 2                    | 0              |
|                       | 60262900 | INLETS TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, OPEN LID  | EACH   | 1     | 1                    | 0              |
|                       | 60264130 | INLETS TO BE RECONSTRUCTED WITH NEW TYPE 23 FRAME AND GRATE | EACH   | 1     | 1                    | 0              |
|                       | 60265700 | VALVE VAULTS TO BE ADJUSTED                                 | EACH   | 10    | 7                    | 3              |
|                       | 60500040 | REMOVING MANHOLES   | EACH   | 9     | 2                    | 7              |
|                       | 60500050 | REMOVING CATCH BASINS                                       | EACH   | 7     | 2                    | 5              |
|                       | 60600605 | CONCRETE CURB, TYPE B                                       | FOOT   | 286   | 249                  | 37             |
|                       | 60605000 | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24           | FOOT   | 2408  | 2335                 | 73             |
|                       | 66500105 | WOVEN WIRE FENCE, 4'  | FOOT   | 976   | 976                  | 0              |
| *                     | 66900200 | NON-SPECIAL WASTE DISPOSAL                                  | CU YD  | 1220  | 610                  | 610            |
| *                     | 66900530 | SOIL DISPOSAL ANALYSIS                                      | EACH   | 4     | 2                    | 2              |
| *                     | 66901001 | REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN                  | L SUM  | 1     | 0.5                  | 0.5            |
| *                     | 66901003 | REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT              | L SUM  | 1     | 0.5                  | 0.5            |
| *                     | 66901006 | REGULATED SUBSTANCES MONITORING                             | CAL DA | 150   | 75                   | 75             |
|                       | 67100100 | MOBILIZATION  | L SUM  | 1     | 0.5                  | 0.5            |

\*INDICATES SPECIALTY ITEMS

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = IDOTCAD         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 48.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/21/2022      | DATE - 10/21/2022 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
SUMMARY OF QUANTITIES  
SCALE: NTS SHEET 3 OF 5 SHEETS STA. TO STA.

|                    |                   |             |                           |             |
|--------------------|-------------------|-------------|---------------------------|-------------|
| F.A.P. RTE. 541    | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164          | SHEET NO. 5 |
| CONTRACT NO. 62A53 |                   |             | ILLINOIS FED. AID PROJECT |             |

| SUMMARY OF QUANTITIES |          |   |        | 80% FED. / 20% STATE |         |         |
|-----------------------|----------|---|--------|----------------------|---------|---------|
|                       |          |   |        | CONSTRUCTION CODE    |         |         |
| SP                    | CODE NO. | CODED PAY ITEM  | UNIT   | TOTAL                | ROADWAY | BRIDGE  |
|                       |          |   |        |                      | 0003    | 0004    |
|                       | 70103815 | TRAFFIC CONTROL SURVEILLANCE  | CAL DA | 570                  | 570     | 0       |
|                       | 70107025 | CHANGEABLE MESSAGE SIGN   | CAL DA | 168                  | 168     | 0       |
|                       | 70300100 | SHORT TERM PAVEMENT MARKING   | FOOT   | 8,877                | 4,438.5 | 4,438.5 |
|                       | 70300150 | SHORT TERM PAVEMENT MARKING REMOVAL                                     | SQ FT  | 8,088                | 4,044   | 4,044   |
|                       | 70307120 | TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE                     | FOOT   | 14,859               | 7,429.5 | 7,429.5 |
|                       | 70307130 | TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE                     | FOOT   | 72                   | 72      | 0       |
|                       | 70307210 | TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE                    | FOOT   | 140                  | 116     | 24      |
|                       | 70400100 | TEMPORARY CONCRETE BARRIER  | FOOT   | 1100                 | 0       | 1100    |
|                       | 70400125 | PINNING TEMPORARY CONCRETE BARRIER                                      | EACH   | 192                  | 0       | 192     |
|                       | 70400200 | RELOCATE TEMPORARY CONCRETE BARRIER                                     | FOOT   | 837.5                | 0       | 837.5   |
|                       | 70600255 | IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2 | EACH   | 5                    | 0       | 5       |
|                       | 70600322 | IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2  | EACH   | 3                    | 0       | 3       |
| *                     | 72000100 | SIGN PANEL - TYPE 1   | EACH   | 23                   | 23      | 0       |
| *                     | 72400310 | REMOVE SIGN PANEL - TYPE 1  | SQ FT  | 6                    | 6       | 0       |
| *                     | 72400500 | RELOCATE SIGN PANEL ASSEMBLY - TYPE A                                   | EACH   | 7                    | 7       | 0       |
| *                     | 72400600 | RELOCATE SIGN PANEL ASSEMBLY - TYPE B                                   | EACH   | 6                    | 6       | 0       |
| *                     | 72400710 | RELOCATE SIGN PANEL - TYPE 1  | SQ FT  | 53.5                 | 53.5    | 0       |
| *                     | 72800100 | TELESCOPING STEEL SIGN SUPPORT  | FOOT   | 336                  | 168     | 168     |
| *                     | 72900100 | METAL POST - TYPE A   | FOOT   | 99                   | 49.5    | 49.5    |
| *                     | 73100100 | BASE FOR TELESCOPING STEEL SIGN SUPPORT                                 | EACH   | 1                    | 1       | 0       |

| SUMMARY OF QUANTITIES |          |   |       | 80% FED. / 20% STATE |         |        |
|-----------------------|----------|---|-------|----------------------|---------|--------|
|                       |          |   |       | CONSTRUCTION CODE    |         |        |
| SP                    | CODE NO. | CODED PAY ITEM  | UNIT  | TOTAL                | ROADWAY | BRIDGE |
|                       |          |   |       |                      | 0003    | 0004   |
| *                     | 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS                          | SQ FT | 285                  | 285     | 0      |
| *                     | 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4"                                      | FOOT  | 6682                 | 6682    | 0      |
| *                     | 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6"                                      | FOOT  | 836                  | 836     | 0      |
| *                     | 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12"                                     | FOOT  | 622                  | 622     | 0      |
| *                     | 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24"                                     | FOOT  | 93                   | 93      | 0      |
| *                     | 78009000 | MODIFIED URETHAN PAVEMENT MARKING - LETTERS AND SYMBOLS                       | SQ FT | 156                  | 0       | 156    |
| *                     | 78009004 | MODIFIED URETHANE PAVEMENT MARKING - LINE 4 INCH                              | FOOT  | 2546                 | 1273    | 1273   |
| *                     | 78009006 | MODIFIED URETHANE PAVEMENT MARKING - LINE 6 INCH                              | FOOT  | 421                  | 210.5   | 210.5  |
| *                     | 78009012 | MODIFIED URETHANE PAVEMENT MARKING - LINE 12 INCH                             | FOOT  | 115                  | 57.5    | 57.5   |
| *                     | 78009024 | MODIFIED URETHANE PAVEMENT MARKING - LINE 24 INCH                             | FOOT  | 14                   | 7       | 7      |
| *                     | 78100100 | RAISED REFLECTIVE PAVEMENT MARKER   | EACH  | 101                  | 101     | 0      |
| *                     | 78100300 | REPLACEMENT REFLECTOR   | EACH  | 20                   | 20      | 0      |
| *                     | 78200011 | BARRIER WALL REFLECTORS, TYPE C   | EACH  | 204                  | 0       | 204    |
|                       | 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL                                     | EACH  | 101                  | 101     | 0      |
|                       | 78300201 | PAVEMENT MARKING REMOVAL - GRINDING   | SQ FT | 760                  | 380     | 380    |
|                       | 78300202 | PAVEMENT MARKING REMOVAL - WATER BLASTING                                     | SQ FT | 123                  | 123     | 0      |
|                       | 87800100 | CONCRETE FOUNDATION, TYPE A   | FOOT  | 3                    | 3       | 0      |
|                       | A2007200 | TREE, QUERCUS ROBUR LONG (REGAL PRINCE OAK), 2" CALIPER, BALLED AND BURLAPPED | EACH  | 1                    | 1       | 0      |
|                       | 89502385 | REMOVE EXISTING CONCRETE FOUNDATION   | EACH  | 1                    | 1       | 0      |
|                       | X0100025 | FLOWABLE FILL   | CUYD  | 2                    | 2       | 0      |
|                       | X2011000 | TEMPORARY FENCE (SPECIAL)   | FOOT  | 1543                 | 0       | 1543   |
|                       | X0301280 | PLUG EXISTING DRAINS  | EACH  | 1                    | 1       | 0      |

\*INDICATES SPECIALTY ITEMS

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = IDOTCAD         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 48.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/18/2022      | DATE - 10/18/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE**  
**SUMMARY OF QUANTITIES**

SCALE: NTS    SHEET 4 OF 5 SHEETS    STA.    TO STA.

|                           |           |        |                    |           |
|---------------------------|-----------|--------|--------------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS       | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164                | 6         |
| ILLINOIS FED. AID PROJECT |           |        | CONTRACT NO. 62A53 |           |



| SUMMARY OF QUANTITIES |          |  |        | 80% FED. / 20% STATE |         |        |
|-----------------------|----------|--|--------|----------------------|---------|--------|
|                       |          |  |        | CONSTRUCTION CODE    |         |        |
| SP                    | CODE NO. | CODED PAY ITEM   | UNIT   | TOTAL                | ROADWAY | BRIDGE |
|                       |          |  |        |                      | 0003    | 0004   |
|                       | X0320050 | CONSTRUCTION LAYOUT (SPECIAL)  | L SUM  | 1                    | 1       | 0      |
|                       | X0322916 | PROPOSED STORM SEWER CONNECTION TO EXISTING STORM SEWER                  | EACH   | 1                    | 1       | 0      |
|                       | X0322918 | PROPOSED MANHOLE/CATCH BASIN CONNECTION OVER EXISTING STORM SEWER        | EACH   | 2                    | 2       | 0      |
|                       | X0325207 | TELEVISION INSPECTION OF SEWER   | FOOT   | 100                  | 100     | 0      |
|                       | X0327301 | RELOCATE EXISTING MAILBOX  | EACH   | 8                    | 8       | 0      |
|                       | X0327487 | TRIAXIAL GEOGRID REINFORCEMENT, TYPE I                                   | SQ YD  | 4162                 | 0       | 4162   |
|                       | X4021000 | TEMPORARY ACCESS (PRIVATE ENTRANCE)                                      | EACH   | 8                    |         | 8      |
|                       | X4022000 | TEMPORARY ACCESS (COMMERCIAL ENTRANCE)                                   | EACH   | 9                    |         | 9      |
|                       | X4023000 | TEMPORARY ACCESS (ROAD)  | EACH   | 3                    |         | 3      |
|                       | X4400503 | COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET | FOOT   | 25                   | 25      | 0      |
|                       | X4810200 | AGGREGATE SHOULDER REMOVAL   | CU YD  | 280                  | 122     | 158    |
|                       | X5030540 | FLOOR DRAINS (SPECIAL)   | EACH   | 15                   | 0       | 15     |
|                       | X5610680 | WATER MAIN PROTECTION  | FOOT   | 132                  | 132     | 0      |
|                       | X5610712 | WATER MAIN REMOVAL, 12"  | FOOT   | 742                  | 742     | 0      |
|                       | X6020074 | INLETS, TYPE A, TYPE 3V FRAME AND GRATE                                  | EACH   | 3                    | 3       | 0      |
|                       | X6020075 | INLETS, TYPE B, TYPE 3V FRAME AND GRATE                                  | EACH   | 5                    | 5       | 0      |
|                       | X6026050 | SANITARY MANHOLES TO BE ADJUSTED   | EACH   | 12                   | 12      | 0      |
|                       | X6640304 | CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED                            | FOOT   | 10                   | 0       | 10     |
|                       | X6650202 | WOVEN WIRE FENCE REMOVAL   | FOOT   | 960                  | 960     | 0      |
|                       | X6700407 | ENGINEER'S FIELD OFFICE, TYPE A (D1)                                     | CAL MO | 24                   | 12      | 12     |
|                       | X7010216 | TRAFFIC CONTROLAND PROTECTION, (SPECIAL)                                 | L SUM  | 1                    | 1       | 0      |
|                       | X7830050 | RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL                     | EACH   | 20                   | 20      | 0      |
|                       | Z0007430 | TEMPORARY SIDEWALK   | SQ FT  | 8893                 | 4446.5  | 4446.5 |

| SUMMARY OF QUANTITIES |            |   |       | 80% FED. / 20% STATE |         |        |
|-----------------------|------------|---|-------|----------------------|---------|--------|
|                       |            |   |       | CONSTRUCTION CODE    |         |        |
| SP                    | CODE NO.   | CODED PAY ITEM                                | UNIT  | TOTAL                | ROADWAY | BRIDGE |
|                       |            |   |       |                      | 0003    | 0004   |
|                       | Z0013798   | CONSTRUCTION LAYOUT                           | L SUM | 1                    | 0.5     | 0.5    |
|                       | Z0018804   | TEMPORARY DRAINAGE SYSTEM NO. 1               | FOOT  | 1060                 | 1060    | 0      |
|                       | Z0030850   | TEMPORARY INFORMATION SIGNING                 | SQ FT | 330.6                | 330.6   | 0      |
|                       | Z0048665   | RAILROAD PROTECTIVE LIABILITY INSURANCE       | L SUM | 1                    | 1       | 0      |
|                       | Z0018805   | TEMPORARY DRAINAGE SYSTEM NO. 2               | FOOT  | 1060                 | 1060    | 0      |
|                       | * Z0056610 | STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH | FOOT  | 25                   | 25      | 0      |
|                       | Z0056612   | STORM SEWER (WATER MAIN REQUIREMENTS) 18 INCH | FOOT  | 27                   | 27      | 0      |
|                       | Z0062456   | TEMPORARY PAVEMENT                            | SQ YD | 2081                 | 2081    | 0      |
|                       | Z0062458   | TEMPORARY PAVEMENT (VARIABLE DEPTH)           | TON   | 84                   | 84      | 0      |
|                       | Z0077700   | WOOD FENCE TO BE REMOVED AND RE-ERECTED       | FOOT  | 16                   | 0       | 16     |
|                       | Z0064800   | SELECTIVE CLEARING                            | UNIT  | 100                  | 100     | 0      |
|                       | Z0065752   | SLOTTED DRAIN 12" WITH 6" SLOT                | FOOT  | 54                   | 0       | 54     |
|                       | Z0073510   | TEMPORARY TRAFFIC SIGNAL TIMING               | EACH  | 3                    | 3       | 0      |
| Ø                     | Z0076600   | TRAINEES                                      | HOURS | 1000                 | 1000    | 0      |
| Ø                     | Z0076604   | TRAINEES - TRAINING PROGRAM GRADUATE          | HOURS | 1000                 | 1000    | 0      |

\*INDICATES SPECIALTY ITEMS

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = IDOTCAD         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 48.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/20/2022      | DATE - 10/20/2022 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
SUMMARY OF QUANTITIES

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 7         |
| CONTRACT NO. 62A53        |           |        | 0042         |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

SCALE: NTS SHEET 5 OF 5 SHEETS STA. TO STA.

**EARTHWORK SCHEDULE OF QUANTITIES**

| STATION TO STATION     | LENGTH (FT) | EMBANKMENT EXCAVATION (CU YD) | EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%) (CU YD) | EMBANKMENT FILL (CU YD) | TOP SOIL STRIPPING (CU YD) | TOPSOIL PLACEMENT (4") (CU YD) | EARTHWORK BALANCE (+) - WASTAGE / (-) - SHORTAGE (CU YD) |
|------------------------|-------------|-------------------------------|---|-------------------------|----------------------------|--------------------------------|--|
| 283+91.00 TO 288+89.75 | 498.75      | 551                           | 468.35  | 51                      | 23                         | 73                             | 417.35   |
| 288+89.75 TO 298+70.25 | 980.5       | 4181                          | 3553.85   | 2002                    | 1601                       | 901                            | 1551.85  |
| 298+70.25 TO 306+73.38 | 803.13      | 1721                          | 1462.85   | 81                      | 23                         | 200                            | 1381.85  |
| TEMPORARY WIDENING     | 2282.38     | 149                           | 126.65  | 223                     | 37                         | 56                             | -96.35   |
| TOTAL                  |             | 6602                          | 5611.7  | 2357                    | 1684                       | 1230                           | 3254.7   |

| EARTHWORK BILL OF MATERIALS |   |       |       |
|-----------------------------|---|-------|-------|
| PAY ITEM NO.                | DESIGNATION                                 | UNIT  | TOTAL |
| 20200100                    | EARTH EXCAVATION                            | CU YD | 6002  |
| 20201200                    | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | CU YD | 660   |
| 21101505                    | TOPSOIL EXCAVATION AND PLACEMENT            | CU YD | 2914  |
| 66900200                    | NON-SPECIAL WASTE DISPOSAL                  | CU YD | 1220  |

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = IDOTCAD         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 11/28/2022      | DATE - 11/28/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|  |                                  |
|--|----------------------------------|
| <b>IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE</b> |                                  |
| <b>EARTHWORK SCHEDULE</b>                                |                                  |
| SCALE: NTS   | SHEET 1 OF 1 SHEETS STA. TO STA. |

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 8         |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |



| 20100110 - TREE REMOVAL (6 TO 15 UNITS DIAMETER) |       |            |
|--|-------|------------|
| LIMITS   | LOC   | UNITS      |
| IL 132 (GRAND AVE)                               |       |            |
| STATION 284+84.00 TO 288+89.75                   | LEFT  | 6          |
| STATION 288+89.75 TO 298+70.25                   | LEFT  | 50         |
| STATION 298+70.25 TO 310+27.80                   | LEFT  | 0          |
| STATION 284+84.00 TO 288+89.75                   | RIGHT | 12         |
| STATION 288+89.75 TO 298+70.25                   | RIGHT | 10         |
| STATION 298+70.25 TO 310+27.80                   | RIGHT | 0          |
| ADDITION PER IDOT                                |       | 100        |
| <b>TOTAL</b>                                     |       | <b>178</b> |

| 20100210 - TREE REMOVAL (OVER 15 UNITS DIAMETER) |       |            |
|--|-------|------------|
| LIMITS   | LOC   | UNITS      |
| IL 132 (GRAND AVE)                               |       |            |
| STATION 284+84.00 TO 288+89.75                   | LEFT  | 116        |
| STATION 288+89.75 TO 298+70.25                   | LEFT  | 0          |
| STATION 298+70.25 TO 310+27.80                   | LEFT  | 79         |
| STATION 284+84.00 TO 288+89.75                   | RIGHT | 0          |
| STATION 288+89.75 TO 298+70.25                   | RIGHT | 68         |
| STATION 298+70.25 TO 310+27.80                   | RIGHT | 60         |
| ADDITIONAL PER IDOT                              |       | 118        |
| <b>TOTAL</b>                                     |       | <b>441</b> |

| 20101000 - TEMPORARY FENCE |         |        |               |
|----------------------------|---------|--------|---------------|
| STATION                    | STATION | OFFSET | QUANTITY FOOT |
| IL 132 (GRAND AVE.)        |         |        |               |
| EROSION CONTROL            |         |        |               |
| 280+70                     | 282+78  | 29' RT | 208           |
| 282+82                     | 283+62  | 29' RT | 80            |
| 283+75                     | 284+42  | 29' RT | 67            |
| 284+46                     | 284+69  | 29' RT | 23            |
| 284+89                     | 286+28  | 39' LT | 139           |
| 285+05                     | 286+44  | 34' RT | 139           |
| 286+50                     | 288+15  | 39' LT | 165           |
| 288+44                     | 288+44  | RT     | 52            |
| 288+44                     | 289+86  | 49' RT | 142           |
| 288+71                     | 298+44  | 88' LT | 973           |
| 289+88                     | 289+88  | RT     | 33            |
| 289+88                     | 291+19  | 82' RT | 131           |
| 291+19                     | 291+19  | RT     | 18            |
| 291+66                     | 291+66  | RT     | 57            |
| 291+66                     | 293+13  | 43' RT | 147           |
| 293+33                     | 293+80  | 43' RT | 47            |
| 294+25                     | 294+67  | 42' RT | 42            |
| 296+37                     | 297+04  | 43' RT | 62            |
| 297+20                     | 297+66  | 43' RT | 46            |
| 297+97                     | 298+80  | 43' RT | 83            |
| 298+92                     | 298+98  | 43' RT | 6             |
| 298+56                     | 298+56  | LT     | 54            |
| 298+99                     | 299+60  | 39' RT | 61            |
| 300+01                     | 302+15  | 38' RT | 214           |
| 301+02                     | 302+27  | 39' LT | 125           |
| 302+15                     | 302+27  | RT     | 32            |
| 302+27                     | 302+27  | 54' RT | 33            |
| 302+68                     | 302+68  | RT     | 61            |
| 302+68                     | 303+86  | 39' RT | 118           |
| 303+97                     | 304+54  | 39' RT | 57            |
| 304+65                     | 305+19  | 39' RT | 54            |
| 304+82                     | 305+37  | 39' LT | 55            |
| 305+32                     | 305+71  | 39' RT | 39            |
| 305+71                     | 305+71  | RT     | 7             |
| 305+71                     | 305+99  | 32' RT | 28            |
| <b>TOTAL</b>               |         |        | <b>3598</b>   |

| 21101805- COMPOST FURNISH AND PLACE 2 INCH |         |        |                |
|--|---------|--------|----------------|
| STATION                                    | STATION | OFFSET | QUANTITY SQ YD |
| 282+20                                     | 283+57  | RT     | 177            |
| 283+77                                     | 284+66  | RT     | 66             |
| 283+86                                     | 284+68  | LT     | 136            |
| 284+86                                     | 286+33  | LT     | 303            |
| 285+04                                     | 286+42  | RT     | 173            |
| 286+50                                     | 288+20  | LT     | 344            |
| 286+54                                     | 286+83  | RT     | 39             |
| 287+13                                     | 287+33  | RT     | 26             |
| 287+57                                     | 288+10  | RT     | 79             |
| 288+33                                     | 291+28  | RT     | 1285           |
| 288+40                                     | 298+32  | LT     | 547            |
| 288+40                                     | 298+32  | LT     | 7015           |
| 291+53                                     | 293+13  | RT     | 326            |
| 293+38                                     | 293+82  | RT     | 82             |
| 294+14                                     | 294+86  | RT     | 159            |
| 295+21                                     | 295+63  | RT     | 114            |
| 296+01                                     | 297+04  | RT     | 60             |
| 296+35                                     | 296+89  | RT     | 74             |
| 296+92                                     | 297+04  | RT     | 18             |
| 297+11                                     | 297+66  | RT     | 90             |
| 297+96                                     | 298+80  | RT     | 162            |
| 298+44                                     | 298+60  | LT     | 19             |
| 298+92                                     | 298+98  | RT     | 8              |
| 298+92                                     | 299+41  | RT     | 27             |
| 298+95                                     | 299+40  | LT     | 23             |
| 298+95                                     | 299+96  | LT     | 51             |
| 299+02                                     | 299+59  | RT     | 52             |
| 299+46                                     | 299+78  | LT     | 16             |
| 299+47                                     | 299+59  | RT     | 5              |
| 300+00                                     | 302+25  | RT     | 328            |
| 300+53                                     | 302+28  | LT     | 340            |
| 302+29                                     | 302+34  | RT     | 8              |
| 302+60                                     | 303+85  | RT     | 204            |
| 303+97                                     | 304+54  | RT     | 79             |
| 304+66                                     | 305+19  | RT     | 74             |
| 304+82                                     | 305+22  | LT     | 49             |
| 305+32                                     | 305+73  | RT     | 54             |
| 305+34                                     | 305+48  | LT     | 15             |
| 305+60                                     | 306+50  | LT     | 31             |
| 305+60                                     | 306+73  | LT     | 100            |
| 306+56                                     | 306+73  | LT     | 6              |
| <b>TOTAL</b>                               |         |        | <b>12761</b>   |

| 20101000 - SEEDING, CLASS 4 |         |        |                 |
|-----------------------------|---------|--------|-----------------|
| STATION                     | STATION | OFFSET | QUANTITY (ACRE) |
| IL 132 (GRAND AVE.)         |         |        |                 |
| 288+42                      | 298+32  | LT     | 1.45            |
| <b>TOTAL</b>                |         |        | <b>1.5</b>      |

| 21001000 - GEOTECHNICAL FABRIC FOR GROUND STABILIZATION |         |                |
|---|---------|----------------|
| STATION   | STATION | QUANTITY SQ YD |
| IL 132 (GRAND AVE.)                                     |         |                |
| STAGE I   |         |                |
| 284+94  | 287+94  | 176            |
| 289+01  | 298+38  | 656            |
| 301+22  | 302+20  | 57             |
| OAK KNOLL DR. TEMP ACCESS                               |         |                |
| STAGE II  |         |                |
| 281+25  | 286+32  | 361            |
| <b>TOTAL</b>  |         | <b>1688</b>    |

| 25000210 - SEEDING CLASS 2A |         |        |               |
|-----------------------------|---------|--------|---------------|
| STATION                     | STATION | OFFSET | QUANTITY ACRE |
| 282+20                      | 283+57  | RT     | 0.04          |
| 283+77                      | 284+66  | RT     | 0.01          |
| 283+86                      | 284+68  | LT     | 0.03          |
| 284+86                      | 286+33  | LT     | 0.06          |
| 285+04                      | 286+42  | RT     | 0.04          |
| 286+50                      | 288+20  | LT     | 0.07          |
| 286+54                      | 286+83  | RT     | 0.01          |
| 287+13                      | 287+33  | RT     | 0.01          |
| 287+57                      | 288+10  | RT     | 0.02          |
| 288+33                      | 291+28  | RT     | 0.27          |
| 288+40                      | 298+32  | LT     | 0.11          |
| 291+53                      | 293+13  | RT     | 0.07          |
| 293+38                      | 293+82  | RT     | 0.02          |
| 294+14                      | 294+86  | RT     | 0.03          |
| 295+21                      | 295+63  | RT     | 0.02          |
| 296+01                      | 297+04  | RT     | 0.01          |
| 296+35                      | 296+89  | RT     | 0.02          |
| 296+92                      | 297+04  | RT     | 0.00          |
| 297+11                      | 297+66  | RT     | 0.02          |
| 297+96                      | 298+80  | RT     | 0.03          |
| 298+44                      | 298+60  | LT     | 0.00          |
| 298+92                      | 298+98  | RT     | 0.00          |
| 298+92                      | 299+41  | RT     | 0.01          |
| 298+95                      | 299+40  | LT     | 0.00          |
| 298+95                      | 299+96  | LT     | 0.01          |
| 299+02                      | 299+59  | RT     | 0.01          |
| 299+46                      | 299+78  | LT     | 0.00          |
| 299+47                      | 299+59  | RT     | 0.00          |
| 300+00                      | 302+25  | RT     | 0.07          |
| 300+53                      | 302+28  | LT     | 0.07          |
| 302+29                      | 302+34  | RT     | 0.00          |
| 302+60                      | 303+85  | RT     | 0.04          |
| 303+97                      | 304+54  | RT     | 0.02          |
| 304+66                      | 305+19  | RT     | 0.02          |
| 304+82                      | 305+22  | LT     | 0.01          |
| 305+32                      | 305+73  | RT     | 0.01          |
| 305+34                      | 305+48  | LT     | 0.00          |
| 305+60                      | 306+50  | LT     | 0.01          |
| 305+60                      | 306+73  | LT     | 0.02          |
| 306+56                      | 306+73  | LT     | 0.00          |
| <b>TOTAL</b>                |         |        | <b>1.25</b>   |

| 25000400 - NITROGEN FERTILIZER NUTRIENT |         |        |                |
|---|---------|--------|----------------|
| STATION                                 | STATION | OFFSET | QUANTITY POUND |
| 282+20                                  | 283+57  | RT     | 3.3            |
| 283+77                                  | 284+66  | RT     | 1.2            |
| 283+86                                  | 284+68  | LT     | 2.5            |
| 284+86                                  | 286+33  | LT     | 5.6            |
| 285+04                                  | 286+42  | RT     | 3.2            |
| 286+50                                  | 288+20  | LT     | 6.4            |
| 286+54                                  | 286+83  | RT     | 0.7            |
| 287+13                                  | 287+33  | RT     | 0.5            |
| 287+57                                  | 288+10  | RT     | 1.5            |
| 288+33                                  | 291+28  | RT     | 23.9           |
| 288+40                                  | 298+32  | LT     | 10.2           |
| 291+53                                  | 293+13  | RT     | 6.1            |
| 293+38                                  | 293+82  | RT     | 1.5            |
| 294+14                                  | 294+86  | RT     | 3.0            |
| 295+21                                  | 295+63  | RT     | 2.1            |
| 296+01                                  | 297+04  | RT     | 1.1            |
| 296+35                                  | 296+89  | RT     | 1.4            |
| 296+92                                  | 297+04  | RT     | 0.3            |
| 297+11                                  | 297+66  | RT     | 1.7            |
| 297+96                                  | 298+80  | RT     | 3.0            |
| 298+44                                  | 298+60  | LT     | 0.4            |
| 298+92                                  | 298+98  | RT     | 0.2            |
| 298+92                                  | 299+41  | RT     | 0.5            |
| 298+95                                  | 299+40  | LT     | 0.4            |
| 298+95                                  | 299+96  | LT     | 1.0            |
| 299+02                                  | 299+59  | RT     | 1.0            |
| 299+46                                  | 299+78  | LT     | 0.3            |
| 299+47                                  | 299+59  | RT     | 0.1            |
| 300+00                                  | 302+25  | RT     | 6.1            |
| 300+53                                  | 302+28  | LT     | 6.3            |
| 302+29                                  | 302+34  | RT     | 0.1            |
| 302+60                                  | 303+85  | RT     | 3.8            |
| 303+97                                  | 304+54  | RT     | 1.5            |
| 304+66                                  | 305+19  | RT     | 1.4            |
| 304+82                                  | 305+22  | LT     | 0.9            |
| 305+32                                  | 305+73  | RT     | 1.0            |
| 305+34                                  | 305+48  | LT     | 0.3            |
| 305+60                                  | 306+50  | LT     | 0.6            |
| 305+60                                  | 306+73  | LT     | 1.9            |
| 306+56                                  | 306+73  | LT     | 0.1            |
| <b>TOTAL</b>                            |         |        | <b>107</b>     |

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = IDOTCAD         | DESIGNED - MBJ    | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - MBJ       | REVISED - |
| PLOT DATE = 11/30/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE - 11/30/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
SCHEDULE OF QUANTITIES**

SCALE: NTS      SHEET 1 OF 9 SHEETS      STA.      TO STA.

|                           |                   |             |                  |             |
|---------------------------|-------------------|-------------|------------------|-------------|
| F.A.P. RTE. 541           | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 9 |
| CONTRACT NO. 62A53        |                   |             |                  |             |
| ILLINOIS FED. AID PROJECT |                   |             |                  |             |

**25000600 - POTASSIUM FERTILIZER NUTRIENT**

| STATION      | STATION | OFFSET | QUANTITY POUND |
|--------------|---------|--------|----------------|
| 282+20       | 283+57  | RT     | 3.3            |
| 283+77       | 284+66  | RT     | 1.2            |
| 283+86       | 284+68  | LT     | 2.5            |
| 284+86       | 286+33  | LT     | 5.6            |
| 285+04       | 286+42  | RT     | 3.2            |
| 286+50       | 288+20  | LT     | 6.4            |
| 286+54       | 286+83  | RT     | 0.7            |
| 287+13       | 287+33  | RT     | 0.5            |
| 287+57       | 288+10  | RT     | 1.5            |
| 288+33       | 291+28  | RT     | 23.9           |
| 288+40       | 298+32  | LT     | 10.2           |
| 291+53       | 293+13  | RT     | 6.1            |
| 293+38       | 293+82  | RT     | 1.5            |
| 294+14       | 294+86  | RT     | 3.0            |
| 295+21       | 295+63  | RT     | 2.1            |
| 296+01       | 297+04  | RT     | 1.1            |
| 296+35       | 296+89  | RT     | 1.4            |
| 296+92       | 297+04  | RT     | 0.3            |
| 297+11       | 297+66  | RT     | 1.7            |
| 297+96       | 298+80  | RT     | 3.0            |
| 298+44       | 298+60  | LT     | 0.4            |
| 298+92       | 298+98  | RT     | 0.2            |
| 298+92       | 299+41  | RT     | 0.5            |
| 298+95       | 299+40  | LT     | 0.4            |
| 298+95       | 299+96  | LT     | 1.0            |
| 299+02       | 299+59  | RT     | 1.0            |
| 299+46       | 299+78  | LT     | 0.3            |
| 299+47       | 299+59  | RT     | 0.1            |
| 300+00       | 302+25  | RT     | 6.1            |
| 300+53       | 302+28  | LT     | 6.3            |
| 302+29       | 302+34  | RT     | 0.1            |
| 302+60       | 303+85  | RT     | 3.8            |
| 303+97       | 304+54  | RT     | 1.5            |
| 304+66       | 305+19  | RT     | 1.4            |
| 304+82       | 305+22  | LT     | 0.9            |
| 305+32       | 305+73  | RT     | 1.0            |
| 305+34       | 305+48  | LT     | 0.3            |
| 305+60       | 306+50  | LT     | 0.6            |
| 305+60       | 306+73  | LT     | 1.9            |
| 306+56       | 306+73  | LT     | 0.1            |
| <b>TOTAL</b> |         |        | <b>107</b>     |

**25100115 - MULCH METHOD 2**

| STATION             | STATION | OFFSET | QUANTITY ACRE |
|---------------------|---------|--------|---------------|
| IL 132 (GRAND AVE.) |         |        |               |
| 282+20              | 283+57  | RT     | 0.04          |
| 283+77              | 284+66  | RT     | 0.01          |
| 283+86              | 284+68  | LT     | 0.03          |
| 284+86              | 286+33  | LT     | 0.06          |
| 285+04              | 286+42  | RT     | 0.04          |
| 286+50              | 288+20  | LT     | 0.07          |
| 286+54              | 286+83  | RT     | 0.01          |
| 287+13              | 287+33  | RT     | 0.01          |
| 287+57              | 288+10  | RT     | 0.02          |
| 288+33              | 291+28  | RT     | 0.27          |
| 288+40              | 298+32  | LT     | 0.11          |
| 288+40              | 298+32  | LT     | 1.45          |
| 291+53              | 293+13  | RT     | 0.07          |
| 293+38              | 293+82  | RT     | 0.02          |
| 294+14              | 294+86  | RT     | 0.03          |
| 295+21              | 295+63  | RT     | 0.02          |
| 296+01              | 297+04  | RT     | 0.01          |
| 296+35              | 296+89  | RT     | 0.02          |
| 296+92              | 297+04  | RT     | 0.00          |
| 297+11              | 297+66  | RT     | 0.02          |
| 297+96              | 298+80  | RT     | 0.03          |
| 298+44              | 298+60  | LT     | 0.00          |
| 298+92              | 298+98  | RT     | 0.00          |
| 298+92              | 299+41  | RT     | 0.01          |
| 298+95              | 299+40  | LT     | 0.00          |
| 298+95              | 299+96  | LT     | 0.01          |
| 299+02              | 299+59  | RT     | 0.01          |
| 299+46              | 299+78  | LT     | 0.00          |
| 299+47              | 299+59  | RT     | 0.00          |
| 300+00              | 302+25  | RT     | 0.07          |
| 300+53              | 302+28  | LT     | 0.07          |
| 302+29              | 302+34  | RT     | 0.00          |
| 302+60              | 303+85  | RT     | 0.04          |
| 303+97              | 304+54  | RT     | 0.02          |
| 304+66              | 305+19  | RT     | 0.02          |
| 304+82              | 305+22  | LT     | 0.01          |
| 305+32              | 305+73  | RT     | 0.01          |
| 305+34              | 305+48  | LT     | 0.00          |
| 305+60              | 306+50  | LT     | 0.01          |
| 305+60              | 306+73  | LT     | 0.02          |
| 306+56              | 306+73  | LT     | 0.00          |
| <b>TOTAL</b>        |         |        | <b>2.75</b>   |

**25100630 - EROSION CONTROL BLANKET**

| STATION      | STATION | OFFSET | QUANTITY SQ YD |
|--------------|---------|--------|----------------|
| 282+20       | 283+57  | RT     | 176.6          |
| 283+77       | 284+66  | RT     | 66.2           |
| 283+86       | 284+68  | LT     | 136.1          |
| 284+86       | 286+33  | LT     | 302.9          |
| 285+04       | 286+42  | RT     | 172.9          |
| 286+50       | 288+20  | LT     | 344.2          |
| 286+54       | 286+83  | RT     | 38.6           |
| 287+13       | 287+33  | RT     | 25.5           |
| 287+57       | 288+10  | RT     | 78.8           |
| 288+33       | 291+28  | RT     | 1284.9         |
| 288+40       | 298+32  | LT     | 546.9          |
| 288+40       | 298+32  | LT     | 7014.5         |
| 291+53       | 293+13  | RT     | 326.0          |
| 293+38       | 293+82  | RT     | 82.1           |
| 294+14       | 294+86  | RT     | 159.1          |
| 295+21       | 295+63  | RT     | 113.6          |
| 296+01       | 297+04  | RT     | 60.0           |
| 296+35       | 296+89  | RT     | 73.7           |
| 296+92       | 297+04  | RT     | 17.6           |
| 297+11       | 297+66  | RT     | 90.2           |
| 297+96       | 298+80  | RT     | 161.8          |
| 298+44       | 298+60  | LT     | 18.9           |
| 298+92       | 298+98  | RT     | 8.2            |
| 298+92       | 299+41  | RT     | 26.8           |
| 298+95       | 299+40  | LT     | 22.9           |
| 298+95       | 299+96  | LT     | 51.1           |
| 299+02       | 299+59  | RT     | 52.4           |
| 299+46       | 299+78  | LT     | 15.8           |
| 299+47       | 299+59  | RT     | 5.0            |
| 300+00       | 302+25  | RT     | 328.4          |
| 300+53       | 302+28  | LT     | 339.7          |
| 302+29       | 302+34  | RT     | 7.7            |
| 302+60       | 303+85  | RT     | 204            |
| 303+97       | 304+54  | RT     | 79.4           |
| 304+66       | 305+19  | RT     | 74.2           |
| 304+82       | 305+22  | LT     | 49.2           |
| 305+32       | 305+73  | RT     | 54.0           |
| 305+34       | 305+48  | LT     | 14.5           |
| 305+60       | 306+50  | LT     | 30.5           |
| 305+60       | 306+73  | LT     | 99.8           |
| 306+56       | 306+73  | LT     | 5.9            |
| <b>TOTAL</b> |         |        | <b>12761</b>   |

**28000250 - TEMPORARY EROSION CONTROL SEEDING**

| STATION             | STATION | OFFSET | QUANTITY POUND |
|---------------------|---------|--------|----------------|
| IL 132 (GRAND AVE.) |         |        |                |
| 282+20              | 283+57  | RT     | 7              |
| 283+77              | 284+66  | RT     | 3              |
| 283+86              | 284+68  | LT     | 6              |
| 284+86              | 286+33  | LT     | 13             |
| 285+04              | 286+42  | RT     | 7              |
| 286+50              | 288+20  | LT     | 14             |
| 286+54              | 286+83  | RT     | 2              |
| 287+13              | 287+33  | RT     | 1              |
| 287+57              | 288+10  | RT     | 3              |
| 288+33              | 291+28  | RT     | 53             |
| 288+40              | 298+32  | LT     | 23             |
| 288+40              | 298+32  | LT     | 290            |
| 291+53              | 293+13  | RT     | 13             |
| 293+38              | 293+82  | RT     | 3              |
| 294+14              | 294+86  | RT     | 7              |
| 295+21              | 295+63  | RT     | 5              |
| 296+01              | 297+04  | RT     | 2              |
| 296+35              | 296+89  | RT     | 3              |
| 296+92              | 297+04  | RT     | 1              |
| 297+11              | 297+66  | RT     | 4              |
| 297+96              | 298+80  | RT     | 7              |
| 298+44              | 298+60  | LT     | 1              |
| 298+92              | 298+98  | RT     | 0              |
| 298+92              | 299+41  | RT     | 1              |
| 298+95              | 299+40  | LT     | 1              |
| 298+95              | 299+96  | LT     | 2              |
| 299+02              | 299+59  | RT     | 2              |
| 299+46              | 299+78  | LT     | 1              |
| 299+47              | 299+59  | RT     | 0              |
| 300+00              | 302+25  | RT     | 14             |
| 300+53              | 302+28  | LT     | 14             |
| 302+29              | 302+34  | RT     | 0              |
| 302+60              | 303+85  | RT     | 8              |
| 303+97              | 304+54  | RT     | 3              |
| 304+66              | 305+19  | RT     | 3              |
| 304+82              | 305+22  | LT     | 2              |
| 305+32              | 305+73  | RT     | 2              |
| 305+34              | 305+48  | LT     | 1              |
| 305+60              | 306+50  | LT     | 1              |
| 305+60              | 306+73  | LT     | 4              |
| 306+56              | 306+73  | LT     | 0              |
| <b>TOTAL</b>        |         |        | <b>527</b>     |

**28000305 - TEMPORARY DITCH CHECK**

| STATION         | OFFSET | QUANTITY FOOT |
|-----------------|--------|---------------|
| 32 (GRAND AVE.) |        |               |
| 289+97          | LT     | 15            |
| 290+97          | LT     | 15            |
| 291+97          | LT     | 15            |
| 292+97          | LT     | 15            |
| 293+97          | LT     | 15            |
| 294+97          | LT     | 15            |
| 295+97          | LT     | 15            |
| 296+97          | LT     | 15            |
| 297+97          | LT     | 15            |
| 498+94          | RT     | 10            |
| 599+05          | LT     | 10            |
| 599+24          | RT     | 10            |
| <b>TOTAL</b>    |        | <b>165</b>    |

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MBJ    | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - MBJ       | REVISED - |
| PLOT DATE = 10/18/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE - 10/18/2022 | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE**  
**SCHEDULE OF QUANTITIES**  
 SCALE: NTS    SHEET 2 OF 9 SHEETS    STA.    TO STA.

|                           |                   |             |                  |              |
|---------------------------|-------------------|-------------|------------------|--------------|
| F.A.P. RTE. 541           | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 10 |
| CONTRACT NO. 62A53        |                   |             |                  |              |
| ILLINOIS FED. AID PROJECT |                   |             |                  |              |



| 28000400 - PERIMETER EROSION BARRIER |         |        |               |
|--------------------------------------|---------|--------|---------------|
| STATION                              | STATION | OFFSET | QUANTITY FOOT |
| 280+70                               | 282+78  | 28' RT | 207.6         |
| 282+82                               | 283+62  | 28' RT | 79.7          |
| 283+75                               | 284+42  | 28' RT | 67            |
| 284+46                               | 284+69  | 28' RT | 23            |
| 284+89                               | 286+28  | 38' LT | 139           |
| 285+05                               | 286+44  | 33' RT | 139           |
| 286+50                               | 288+15  | 38' LT | 165           |
| 288+44                               | 288+44  | RT     | 52            |
| 288+44                               | 289+86  | 48' RT | 142           |
| 288+71                               | 288+44  | 87' LT | 973           |
| 289+88                               | 289+88  | RT     | 33            |
| 289+88                               | 291+19  | 81' RT | 131           |
| 291+19                               | 291+19  | RT     | 18            |
| 291+66                               | 291+66  | RT     | 57            |
| 291+66                               | 293+13  | 42' RT | 147           |
| 293+34                               | 293+81  | 42' RT | 47            |
| 294+25                               | 294+67  | 41' RT | 42            |
| 296+37                               | 297+04  | 42' RT | 62            |
| 297+20                               | 297+66  | 42' RT | 46            |
| 297+97                               | 298+80  | 42' RT | 83            |
| 298+92                               | 298+98  | 42' RT | 6             |
| 298+56                               | 298+56  | LT     | 54            |
| 298+99                               | 299+60  | 38' RT | 61            |
| 300+01                               | 302+15  | 37' RT | 214           |
| 301+02                               | 302+27  | 38' LT | 125           |
| 302+15                               | 302+27  | RT     | 32.405        |
| 302+27                               | 302+27  | RT     | 33            |
| 302+68                               | 302+68  | RT     | 61            |
| 302+68                               | 303+86  | 38' RT | 118           |
| 303+97                               | 304+54  | 38' RT | 57            |
| 304+65                               | 305+19  | 38' RT | 54            |
| 304+82                               | 305+37  | 38' LT | 55            |
| 305+32                               | 305+71  | 38' RT | 39            |
| 305+71                               | 305+71  | RT     | 7             |
| 305+71                               | 305+99  | 31' RT | 28            |
| <b>TOTAL</b>                         |         |        | <b>3598</b>   |

| 28000510 - INLET FILTERS |        |               |         |        |               |
|--------------------------|--------|---------------|---------|--------|---------------|
| STATION                  | OFFSET | QUANTITY EACH | STATION | OFFSET | QUANTITY EACH |
| IL 132 (GRAND AVE.)      |        |               |         |        |               |
| 284+88                   | 32' LT | 1             | 294+73  | 19' LT | 1             |
| 284+89                   | 13' RT | 1             | 294+73  | 25' RT | 1             |
| 285+12                   | 12' LT | 1             | 294+80  | 50' RT | 1             |
| 286+20                   | 15' LT | 1             | 294+95  | 19' LT | 1             |
| 286+20                   | 19' RT | 1             | 295+28  | 19' LT | 1             |
| 287+50                   | 15' LT | 1             | 295+50  | 25' RT | 1             |
| 287+77                   | 20' RT | 1             | 295+64  | 39' LT | 1             |
| 287+98                   | 31' RT | 1             | 295+65  | 22' RT | 1             |
| 288+04                   | 51' RT | 1             | 296+50  | 19' LT | 1             |
| 288+06                   | 43' RT | 1             | 296+50  | 40' LT | 1             |
| 288+37.4                 | 44' RT | 1             | 296+50  | 25' RT | 1             |
| 288+39                   | 34' RT | 1             | 297+50  | 19' LT | 1             |
| 288+40.9                 | 99' RT | 1             | 297+50  | 25' RT | 1             |
| 288+41                   | 20' RT | 1             | 298+50  | 24' RT | 1             |
| 288+55                   | 15' LT | 1             | 298+28  | 40' LT | 1             |
| 288+75                   | 15' LT | 1             | 298+30  | 18' LT | 1             |
| 288+75                   | 22' RT | 1             | 299+50  | 17' LT | 1             |
| 290+12                   | 37' RT | 1             | 299+50  | 20' RT | 1             |
| 290+37                   | 24' RT | 1             | 300+50  | 20' RT | 1             |
| 290+72                   | 19' LT | 1             | 300+76  | 20' LT | 1             |
| 290+72                   | 24' RT | 1             | 303+00  | 15' LT | 1             |
| 291+00                   | 19' LT | 1             | 303+00  | 23' RT | 1             |
| 291+17                   | 24' RT | 1             | 304+53  | 18' LT | 1             |
| 291+22                   | 38' RT | 1             | 304+55  | 21' RT | 1             |
| 291+28                   | 19' LT | 1             | 305+64  | 23' LT | 1             |
| 291+57                   | 17' RT | 1             | 305+74  | 26' RT | 1             |
| 291+59                   | 38' RT | 1             | 306+09  | 44' RT | 1             |
| 291+60                   | 38' LT | 1             | 306+53  | 54' RT | 1             |
| 294+20                   | 51' RT | 1             | 306+67  | 27' RT | 1             |
| 294+24                   | 22' RT | 1             | 307+19  | 22' LT | 1             |
| 294+58                   | 40' LT | 1             |         |        |               |
| <b>TOTAL</b>             |        |               |         |        | <b>61</b>     |

| 28100105 - STONE RIPRAP, CLASS A3 |           |      |            |
|-----------------------------------|-----------|------|------------|
| STATION                           | STATION   | SIDE | SQ YD      |
| 289+15.29                         | 289+39.37 | LEFT | 15.7       |
| 291+16.90                         | 291+77.63 | LEFT | 44.1       |
| 295+23.27                         | 295+81.50 | LEFT | 36.6       |
| 296+45.02                         | 296+55.08 | LEFT | 22.6       |
| <b>TOTAL</b>                      |           |      | <b>119</b> |

| 28200200 - FILTER FABRIC |           |      |            |
|--------------------------|-----------|------|------------|
| STATION                  | STATION   | SIDE | SQ YD      |
| 289+15.29                | 289+39.37 | LEFT | 15.7       |
| 291+16.90                | 291+77.63 | LEFT | 44.1       |
| 295+23.27                | 295+81.50 | LEFT | 36.6       |
| 296+45.02                | 296+55.08 | LEFT | 22.6       |
| <b>TOTAL</b>             |           |      | <b>119</b> |

| 30300112 - AGGREGATE SUBGRADE IMPROVEMENT 12" |       |             |
|---|-------|-------------|
| STATION                                       | SIDE  | SQ YD       |
| IL 132 (GRAND AVE.)                           |       |             |
| STATION 284+84.00 TO 288+89.75                | BOTH  | 1014.4      |
| STATION 288+89.75 TO 298+70.25                | BOTH  | 224.6       |
| STATION 298+70.25 TO 310+27.80                | BOTH  | 1634.1      |
| MOT STAGE 1                                   |       | 1228.0      |
| MOT STAGE 2                                   | LEFT  | 415.0       |
| OAK KNOLL DR TEMP ACCESS                      | RIGHT | 438.0       |
| <b>TOTAL</b>                                  |       | <b>4954</b> |

| 31101810 - SUBBASE GRANULAR MATERIAL, TYPE B 12" |         |                  |
|--|---------|------------------|
| STATION  | STATION | QUANTITY (SQ YD) |
| IL 132 (GRAND AVE.)                              |         |                  |
| STAGE I  |         |                  |
| 284+94   | 299+52  | 1171             |
| 301+22   | 305+00  | 57               |
| OAK KNOLL DR. TEMP ACCESS                        |         | 438              |
| STAGE II   |         |                  |
| 281+25   | 286+32  | 415              |
| <b>TOTAL</b>                                     |         | <b>2081</b>      |

| 31101400 - SUBBASE GRANULAR MATERIAL, TYPE B 6" |         |        |                |
|---|---------|--------|----------------|
| STATION   | STATION | OFFSET | QUANTITY SQ YD |
| IL 132 (GRAND AVE.)                             |         |        |                |
| 284+35  | 284+40  | RT     | 5.8            |
| 284+35  | 284+40  | LT     | 5.6            |
| 284+35  | 284+64  | LT     | 16.1           |
| 284+86  | 288+00  | LT     | 174.4          |
| 288+83  | 299+90  | LT     | 611.1          |
| 300+77  | 302+26  | LT     | 80.6           |
| 304+84  | 306+56  | LT     | 94.4           |
| <b>TOTAL</b>                                    |         |        | <b>989</b>     |

| 35101800 - AGGREGATE BASE COURSE, TYPE B 6" |         |                  |
|---|---------|------------------|
| STATION                                     | STATION | QUANTITY (SQ YD) |
| IL 132 (GRAND AVE.)                         |         |                  |
| STAGE I                                     |         |                  |
| 283+91                                      | 284+56  | 43               |
| 284+94                                      | 287+94  | 209              |
| 301+22                                      | 302+20  | 68               |
| STAGE II                                    |         |                  |
| 282+90                                      | 286+36  | 338              |
| <b>TOTAL</b>                                |         | <b>659</b>       |

| 35501319 - HOT-MIX ASPHALT BASE COURSE, 8 3/4" |      |             |
|--|------|-------------|
| STATION  | SIDE | SQ YD       |
| IL 132 (GRAND AVE.)                            |      |             |
| STATION 284+84.00 TO 288+89.75                 | BOTH | 452.2       |
| STATION 288+89.75 TO 298+70.25                 | BOTH | 0.0         |
| STATION 298+70.25 TO 310+27.80                 | BOTH | 717.1       |
| <b>TOTAL</b>                                   |      | <b>1169</b> |

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USER NAME = I00TCAD  
 DRAWN - MBJ  
 CHECKED - TPP  
 DATE - 11/30/2022  
 PLOT SCALE = 48.0000' / in.  
 PLOT DATE = 11/30/2022

DESIGNED - MBJ  
 REVISIONS -  
 REVISIONS -  
 REVISIONS -  
 REVISIONS -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
 SCHEDULE OF QUANTITIES  
 SCALE: NTS SHEET 3 OF 9 SHEETS STA. TO STA.

|                    |           |        |                           |           |
|--------------------|-----------|--------|---------------------------|-----------|
| F.A.P. RTE.        | SECTION   | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 541                | WR(2)-R-1 | LAKE   | 164                       | 11        |
| CONTRACT NO. 62A53 |           |        | ILLINOIS FED. AID PROJECT |           |

| 35600711 - HOT-MIX ASPHALT BASE COURSE WIDENING, 8 3/4" |      |            |
|---|------|------------|
| STATION   | SIDE | SQ YD      |
| IL 132 (GRAND AVE)                                      |      |            |
| STATION 284+84.00 TO 288+89.75                          | BOTH | 152.2      |
| STATION 288+89.75 TO 298+70.25                          | BOTH | 0.0        |
| STATION 298+70.25 TO 310+27.80                          | BOTH | 328.2      |
| <b>TOTAL</b>  |      | <b>480</b> |

| 40600290 - BITUMINOUS MATERIALS (TACK COAT) |        |             |
|---|--------|-------------|
| STATION                                     | LOC    | POUND       |
| IL 132 (GRAND AVE)                          |        |             |
| 284+84.00 TO 288+90.33                      | RESURF | 436.7       |
| 298+69.71 TO 305+73.38                      | RESURF | 849.9       |
| 305+73.38 TO 306+80.00                      | RESURF | 282.7       |
| 700+00.00 TO 701+20.00 (CEDAR AVE.)         | RESURF | 194.6       |
| 306+80.00 TO 310+27.80                      | RESURF | 645.9       |
| 310+51.49 TO 312+01.61                      | RESURF | 260.2       |
| STATION 284+84.00 TO 288+89.75              | LEFT   | 61.8        |
| STATION 288+89.75 TO 298+70.25              | LEFT   | 0.0         |
| STATION 298+70.25 TO 310+27.80              | LEFT   | 99.0        |
| STATION 284+84.00 TO 288+89.75              | RIGHT  | 276.7       |
| STATION 288+89.75 TO 298+70.25              | RIGHT  | 63.7        |
| STATION 298+70.25 TO 310+27.80              | RIGHT  | 352.5       |
| <b>TOTAL</b>                                |        | <b>3524</b> |

| 40600827 - POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 |        |            |
|--|--------|------------|
| STATION  | LOC    | TON        |
| IL 132 (GRAND AVE)   |        |            |
| 284+84.00 TO 288+90.33   | RESURF | 41.7       |
| 298+69.71 TO 305+73.38   | RESURF | 43.4       |
| 305+73.38 TO 306+80.00   | RESURF | 54.9       |
| 700+00.00 TO 701+20.00 (CEDAR AVE.)                                | RESURF | 31.3       |
| 306+80.00 TO 310+27.80   | RESURF | 64.6       |
| 310+51.49 TO 312+01.61   | RESURF | 24.8       |
| STATION 284+84.00 TO 288+89.75                                     | LEFT   | 0.0        |
| STATION 288+89.75 TO 298+70.25                                     | LEFT   | 0.0        |
| STATION 298+70.25 TO 310+27.80                                     | LEFT   | 49.1       |
| STATION 284+84.00 TO 288+89.75                                     | RIGHT  | 20.2       |
| STATION 288+89.75 TO 298+70.25                                     | RIGHT  | 0.0        |
| STATION 298+70.25 TO 310+27.80                                     | RIGHT  | 0.0        |
| <b>TOTAL</b>   |        | <b>330</b> |

| 40600982 - HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT |           |            |
|---|-----------|------------|
| STREET  | STATION   | SQ YD      |
| GRAND AVE.  | 284+84.00 | 25.1       |
| OAK LANE RD.  | 288+19.59 | 5.1        |
| OAK KNOLL DR.   | 291+42.44 | 5.6        |
| CEDAR AVE.  | 701+20.00 | 15.8       |
| SHERWOOD DR.  | 302+43.07 | 5.4        |
| MC KINLEY AVE.  | 306+32.98 | 23.2       |
| LAKE VILLA  | 308+70.30 | 26.6       |
| CENTRAL AVE.  | 311+57.26 | 7.9        |
| GRAND AVE.  | 312+15.00 | 6.6        |
| <b>TOTAL</b>  |           | <b>121</b> |

| 40603085 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 |         |        |              |
|--|---------|--------|--------------|
| STATION  | STATION | OFFSET | QUANTITY TON |
| IL 132 (GRAND AVE.)                                    |         |        |              |
| STAGE II - TEMP WEDGE                                  |         |        |              |
| 285+18   |         | RIGHT  | 20.7         |
|  | 288+70  | RIGHT  | 28.2         |
| 298+70   |         | RIGHT  | 120.3        |
|  | 305+73  | RIGHT  | 66.9         |
| <b>TOTAL</b>   |         |        | <b>236.1</b> |

| 40604062 - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 |        |            |
|---|--------|------------|
| STATION   | LOC    | TON        |
| IL 132 (GRAND AVE)  |        |            |
| 284+84.00 TO 288+90.33  | RESURF | 81.5       |
| 298+69.71 TO 305+73.38  | RESURF | 158.6      |
| 305+73.38 TO 306+80.00  | RESURF | 52.8       |
| 700+00.00 TO 701+20.00 (CEDAR AVE.)                             | RESURF | 36.3       |
| 306+80.00 TO 310+27.80  | RESURF | 120.6      |
| 310+51.49 TO 312+01.61  | RESURF | 48.6       |
| STATION 284+84.00 TO 288+89.75                                  | LEFT   | 9.6        |
| STATION 288+89.75 TO 298+70.25                                  | LEFT   | 0.0        |
| STATION 298+70.25 TO 310+27.80                                  | LEFT   | 18.3       |
| STATION 284+84.00 TO 288+89.75                                  | RIGHT  | 50.2       |
| STATION 288+89.75 TO 298+70.25                                  | RIGHT  | 0.0        |
| STATION 298+70.25 TO 310+27.80                                  | RIGHT  | 61.4       |
| <b>TOTAL</b>  |        | <b>638</b> |

| 42300200 - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH |         |            |
|---|---------|------------|
| STATION   | STATION | SQ YD      |
| IL 132 (GRAND AVE)  |         |            |
| STATION 284+84.00 TO 288+89.75                                | LEFT    | 76.5       |
| STATION 288+89.75 TO 298+70.25                                | LEFT    | 0.0        |
| STATION 298+70.25 TO 310+27.80                                | LEFT    | 42.8       |
| STATION 284+84.00 TO 288+89.75                                | RIGHT   | 53.0       |
| STATION 288+89.75 TO 298+70.25                                | RIGHT   | 35.5       |
| STATION 298+70.25 TO 310+27.80                                | RIGHT   | 186.4      |
| <b>TOTAL</b>  |         | <b>394</b> |

| 42300400 - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH |         |            |
|---|---------|------------|
| STATION   | STATION | SQ YD      |
| IL 132 (GRAND AVE)  |         |            |
| STATION 284+84.00 TO 288+89.75                                | LEFT    | 0.0        |
| STATION 288+89.75 TO 298+70.25                                | LEFT    | 0.0        |
| STATION 298+70.25 TO 310+27.80                                | LEFT    | 530.3      |
| STATION 284+84.00 TO 288+89.75                                | RIGHT   | 75.5       |
| STATION 288+89.75 TO 298+70.25                                | RIGHT   | 333.6      |
| STATION 298+70.25 TO 310+27.80                                | RIGHT   | 0.0        |
| <b>TOTAL</b>  |         | <b>939</b> |

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCAD         | DESIGNED - MBJ    | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - MBJ       | REVISED - |
| PLOT DATE = 10/18/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE - 10/18/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
SCHEDULE OF QUANTITIES**

SCALE: NTS      SHEET 4 OF 9 SHEETS      STA.      TO STA.

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 12        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

| 42400200 - PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH |       |              |
|---|-------|--------------|
| LOCATION  | SIDE  | SQ FT        |
| IL 132 (GRAND AVE.)                                 |       |              |
| STATION 284+84.00 TO 288+90.25                      | LEFT  | 1756         |
| STATION 284+84.00 TO 288+90.25                      | RIGHT | 1325         |
| STATION 288+90.25 TO 298+69.75                      | LEFT  | 4777         |
| STATION 288+90.25 TO 298+69.75                      | RIGHT | 3763         |
| STATION 298+69.75 TO 305+73.39                      | LEFT  | 2271         |
| STATION 298+69.75 TO 305+73.39                      | RIGHT | 2954         |
| STATION 306+70                                      | RIGHT | 145          |
| STATION 309+80                                      | LEFT  | 106          |
| STATION 310+00                                      | RIGHT | 66           |
| <b>TOTAL</b>  |       | <b>17163</b> |

| 44000500 - COMBINATION CURB AND GUTTER REMOVAL |       |            |
|--|-------|------------|
| LOCATION                                       | SIDE  | FOOT       |
| IL 132 (GRAND AVE.)                            |       |            |
| STATION 284+84.00 TO 288+89.75                 | LEFT  | 33         |
| STATION 284+84.00 TO 288+89.75                 | RIGHT | 127        |
| STATION 288+89.75 TO 298+70.25                 | LEFT  | 26         |
| STATION 288+89.75 TO 298+70.25                 | RIGHT | 384        |
| STATION 298+70.25 TO 312+01.61                 | LEFT  | 292        |
| STATION 298+70.25 TO 312+01.61                 | RIGHT | 0          |
| <b>TOTAL</b>                                   |       | <b>862</b> |

| 55100500 - STORM SEWER REMOVAL 12" |           |       |               |
|------------------------------------|-----------|-------|---------------|
| STATION                            | STATION   | SIDE  | QUANTITY FOOT |
| IL 132 (GRAND AVE.)                |           |       |               |
| 290+37.09                          | 290+37.11 | RIGHT | 6.6           |
| 291+16.63                          | 291+16.64 | RIGHT | 5.9           |
| 292+49.02                          | 292+74.26 | RIGHT | 25.6          |
| 292+74.26                          | 294+23.46 | RIGHT | 149.2         |
| 294+79.52                          | 295+65.10 | RIGHT | 90.1          |
| <b>TOTAL</b>                       |           |       | <b>277.4</b>  |

| 56400300 - FIRE HYDRANTS TO BE ADJUSTED |        |       |               |
|---|--------|-------|---------------|
| STATION                                 | OFFSET | SIDE  | QUANTITY EACH |
| 132 (GRAND AVE.)                        |        |       |               |
| 288+78.228                              | 33.3   | RIGHT | 1             |
| 291+30.93                               | 34.6   | LEFT  | 1             |
| 298+48.23                               | 35.2   | LEFT  | 1             |
| 301+04.30                               | 24.9   | LEFT  | 1             |
| 306+55.42                               | 25.8   | LEFT  | 1             |
| <b>TOTAL</b>                            |        |       | <b>5</b>      |

| 44000100 - PAVEMENT REMOVAL    |       |                |
|--------------------------------|-------|----------------|
| LOCATION                       | SIDE  | QUANTITY SQ YD |
| IL 132 (GRAND AVE.)            |       |                |
| STATION 284+84.00 TO 288+89.75 | LEFT  | 98             |
| STATION 284+84.00 TO 288+89.75 | RIGHT | 288            |
| STATION 288+89.75 TO 298+70.25 | W APP | 111            |
| STATION 288+89.75 TO 298+70.25 | RIGHT | 216            |
| STATION 288+89.75 TO 298+70.25 | E APP | 110            |
| STATION 298+70.25 TO 312+01.61 | LEFT  | 261            |
| STATION 298+70.25 TO 312+01.61 | RIGHT | 379            |
| TEMPORARY PAVEMENT             |       | 2081           |
| <b>TOTAL</b>                   |       | <b>3543</b>    |

| 44000600 - SIDEWALK REMOVAL |         |        |                |
|-----------------------------|---------|--------|----------------|
| STATION                     | STATION | OFFSET | QUANTITY SQ FT |
| IL 132 (GRAND AVE.)         |         |        |                |
| 284+84                      | 288+90  | RT     | 892.0          |
| 288+90                      | 298+70  | RT     | 3536.0         |
| 298+70                      | 312+02  | LT     | 232.0          |
| 298+70                      | 312+02  | RT     | 2785.0         |
| 306+70                      | 306+70  | RT     | 145.0          |
| 309+80                      | 309+80  | LT     | 105.8          |
| 310+00                      | 310+00  | RT     | 66.0           |
| 284+35                      | 284+40  | RT     | 52.5           |
| 284+35                      | 284+40  | LT     | 50.0           |
| 284+35                      | 284+64  | LT     | 145.0          |
| 284+86                      | 288+00  | LT     | 1570.0         |
| 288+83                      | 299+90  | LT     | 5500.0         |
| 300+77                      | 302+26  | LT     | 725.0          |
| 304+84                      | 306+56  | LT     | 850.0          |
| <b>TOTAL</b>                |         |        | <b>16654</b>   |

| 55100700 - STORM SEWER REMOVAL 15" |           |       |               |
|------------------------------------|-----------|-------|---------------|
| STATION                            | STATION   | SIDE  | QUANTITY FOOT |
| IL 132 (GRAND AVE.)                |           |       |               |
| 290+11.93                          | 291+59.59 | LEFT  | 147.7         |
| 294+23.46                          | 295+65.10 | RIGHT | 141.6         |
| <b>TOTAL</b>                       |           |       | <b>289.3</b>  |

| 56500600 - DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED |        |       |               |
|--|--------|-------|---------------|
| STATION  | OFFSET | SIDE  | QUANTITY EACH |
| 132 (GRAND AVE.)                                       |        |       |               |
| 293+72.16  | 32.7   | RIGHT | 1             |
| 295+58.75  | 32.3   | RIGHT | 1             |
| 296+97.98  | 25.7   | RIGHT | 1             |
| 297+99.66  | 34.4   | RIGHT | 1             |
| 298+00.19  | 36.7   | RIGHT | 1             |
| 305+00.63  | 31.3   | LEFT  | 1             |
| 305+52.00  | 30.7   | LEFT  | 1             |
| 306+47.01  | 31.8   | LEFT  | 1             |
| <b>TOTAL</b>   |        |       | <b>8</b>      |

| 440001580 - HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" |       |       |
|---|-------|-------|
| LIMITS  | LOC   | SQ YD |
| IL 132 (GRAND AVE.)                                 |       |       |
| 284+84.00 TO 288+90.33                              | RESUF | 994   |
| 298+69.71 TO 305+73.38                              | RESUF | 2340  |
| 305+73.38 TO 310+32.30                              | RESUF | 2286  |
| 310+51.49 TO 312+01.61                              | RESUF | 592   |
| MOT   | RESUF | 662   |

| 44004250 - PAVED SHOULDER REMOVAL |      |            |
|-----------------------------------|------|------------|
| LOCATION                          | SIDE | SQ YD      |
| IL 132 (GRAND AVE.)               |      |            |
| STATION 284+84 TO 288+89.75       | BOTH | 184.8      |
| STATION 288+89.75 TO 298+70.25    | BOTH | 545.1      |
| STATION 298+70.25 TO 312+01.61    | BOTH | 116.1      |
| <b>TOTAL</b>                      |      | <b>846</b> |

| 55100900 - STORM SEWER REMOVAL 18" |           |       |               |
|------------------------------------|-----------|-------|---------------|
| STATION                            | STATION   | SIDE  | QUANTITY FOOT |
| IL 132 (GRAND AVE.)                |           |       |               |
| 291+57.08                          | 291+62.98 | RIGHT | 54.4          |
| 295+63.99                          | 295+65.10 | C.R.  | 61.3          |
| 295+64.01                          | 295+66.62 | LEFT  | 16.7          |
| <b>TOTAL</b>                       |           |       | <b>132.4</b>  |

| 55101200 - STORM SEWER REMOVAL 24" |           |       |               |
|------------------------------------|-----------|-------|---------------|
| STATION                            | STATION   | SIDE  | QUANTITY FOOT |
| IL 132 (GRAND AVE.)                |           |       |               |
| 288+41.39                          | 291+57.08 | RIGHT | 262.6         |
| 288+41.39                          | 288+41.45 | RIGHT | 53.0          |
| 291+23.93                          | 291+57.08 | RIGHT | 86.6          |
| <b>TOTAL</b>                       |           |       | <b>402.2</b>  |

| 60255500 - MANHOLES TO BE ADJUSTED |        |       |               |
|------------------------------------|--------|-------|---------------|
| STATION                            | OFFSET | SIDE  | QUANTITY EACH |
| 132 (GRAND AVE.)                   |        |       |               |
| 285+28.62                          | 23.3   | LEFT  | 1             |
| 285+49.84                          | 15.2   | RIGHT | 1             |
| 288+28.70                          | 24.2   | LEFT  | 1             |
| 300+14.92                          | 43.4   | LEFT  | 1             |
| 300+19.42                          | 40.3   | LEFT  | 1             |
| 301+84.45                          | 12.9   | RIGHT | 1             |
| <b>TOTAL</b>                       |        |       | <b>6</b>      |

| 44000200 - DRIVEWAY PAVEMENT REMOVAL |       |             |
|--------------------------------------|-------|-------------|
| LOCATION                             | SIDE  | SQ YD       |
| IL 132 (GRAND AVE.)                  |       |             |
| STATION 284+84.00 TO 288+89.75       | LEFT  | 412         |
| STATION 284+84.00 TO 288+89.75       | RIGHT | 147         |
| STATION 288+89.75 TO 298+70.25       | LEFT  | 11          |
| STATION 288+89.75 TO 298+70.25       | RIGHT | 365         |
| STATION 298+70.25 TO 312+01.61       | LEFT  | 728         |
| STATION 298+70.25 TO 312+01.61       | RIGHT | 215         |
| <b>TOTAL</b>                         |       | <b>1878</b> |

| 55100200 - STORM SEWER REMOVAL 6" |           |      |            |
|-----------------------------------|-----------|------|------------|
| STATION                           | STATION   | SIDE | FOOT       |
| IL 132 (GRAND AVE.)               |           |      |            |
| 288+75.79                         | 290+11.93 | LEFT | 136.6      |
| <b>TOTAL</b>                      |           |      | <b>137</b> |

| 55101600 - STORM SEWER REMOVAL 36" |           |      |               |
|------------------------------------|-----------|------|---------------|
| STATION                            | STATION   | SIDE | QUANTITY FOOT |
| IL 132 (GRAND AVE.)                |           |      |               |
| 291+57.02                          | 291+59.59 | C.R. | 55.6          |
| <b>TOTAL</b>                       |           |      | <b>55.6</b>   |

| 60265700 - VALVE VAULTS TO BE ADJUSTED |        |       |               |
|--|--------|-------|---------------|
| STATION                                | OFFSET | SIDE  | QUANTITY EACH |
| 132 (GRAND AVE.)                       |        |       |               |
| 288+08.60                              | 36.7   | RIGHT | 1             |
| 291+26.24                              | 43.9   | RIGHT | 1             |
| 293+11.34                              | 17.9   | LEFT  | 1             |
| 293+19.11                              | 25.9   | LEFT  | 1             |
| 298+56.26                              | 25.4   | LEFT  | 1             |
| 299+37.98                              | 16.9   | LEFT  | 1             |
| 300+32.49                              | 22.7   | LEFT  | 1             |
| 301+40.26                              | 20.8   | LEFT  | 1             |
| 306+52.25                              | 28.9   | LEFT  | 1             |
| 306+68.06                              | 28.9   | LEFT  | 1             |
| <b>TOTAL</b>                           |        |       | <b>10</b>     |

| 55100400 - STORM SEWER REMOVAL 10" |           |       |              |
|------------------------------------|-----------|-------|--------------|
| STATION                            | STATION   | SIDE  | FOOT         |
| IL 132 (GRAND AVE.)                |           |       |              |
| 288+07.16                          | 288+37.37 | RIGHT | 30.2         |
| 288+37.37                          | 288+41.35 | RIGHT | 24.2         |
| 288+37.37                          | TO        | RIGHT | 55.1         |
| <b>TOTAL</b>                       |           |       | <b>109.5</b> |

| 55101900 - STORM SEWER REMOVAL 48" |           |      |               |
|------------------------------------|-----------|------|---------------|
| STATION                            | STATION   | SIDE | QUANTITY FOOT |
| IL 132 (GRAND AVE.)                |           |      |               |
| 288+90.25                          | 298+69.80 | LT   | 668.4         |
| <b>TOTAL</b>                       |           |      | <b>668.4</b>  |

NOTE: ANY ADJUSTMENT OF WATER VALVE VAULTS SHOULD ALSO INCLUDE EXTERNAL CHIMNEY SEALS.

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MJB    | REVISED - |
| PLOT SCALE = 48.0000' / in. | DRAWN - MJB       | REVISED - |
| PLOT DATE = 11/30/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE - 11/30/2022 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|   |                     |              |
|---|---------------------|--------------|
| IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE |                     |              |
| SCHEDULE OF QUANTITIES                            |                     |              |
| SCALE: NTS  | SHEET 5 OF 9 SHEETS | STA. TO STA. |

|                    |                   |             |                  |                           |
|--------------------|-------------------|-------------|------------------|---------------------------|
| F.A.P. RTE. 541    | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 13              |
| CONTRACT NO. 62A53 |                   |             |                  | ILLINOIS FED. AID PROJECT |



| 72800100 - TELESCOPING STEEL SIGN SUPPORT |            |
|---|------------|
| STATION                                   | QUANTITY   |
|   | FT         |
| IL 132 (GRAND AVE.)                       |            |
| 285+56                                    | 16         |
| 289+51                                    | 14         |
| 599+65                                    | 14         |
| 294+70                                    | 13         |
| 295+70                                    | 13         |
| 296+13                                    | 14         |
| 297+35                                    | 14         |
| 299+04                                    | 17         |
| 285+10                                    | 15         |
| 285+15                                    | 15         |
| 300+86                                    | 14         |
| 297+53                                    | 16         |
| 304+09                                    | 18         |
| 305+06                                    | 17         |
| 299+53                                    | 16         |
| 299+68                                    | 16         |
| 306+33                                    | 13         |
| 302+18                                    | 16         |
| 283+10                                    | 16         |
| 287+68                                    | 16         |
| 307+91                                    | 16         |
| 312+00                                    | 16         |
| <b>TOTAL</b>                              | <b>336</b> |

| 72400710 - METAL POST - TYPE A |             |
|--------------------------------|-------------|
| STATION                        | QUANTITY    |
|                                | FT          |
| IL 132 (GRAND AVE.)            |             |
| 400+32                         | 12.5        |
| 499+62                         | 13.0        |
| 499+68                         | 12.5        |
| 599+65                         | 11.5        |
| 292+42                         | 12.0        |
| 301+03                         | 13.0        |
| 301+07                         | 11.5        |
| 799+60                         | 13.0        |
| <b>TOTAL</b>                   | <b>99.0</b> |

| 73100100 - BASE FOR TELESCOPING STEEL SIGN SUPPORT |          |
|--|----------|
| STATION  | QUANTITY |
|  | EACH     |
| IL 132 (GRAND AVE.)                                |          |
| 700+21   | 1        |
| <b>TOTAL</b>                                       | <b>1</b> |

| 78000100 - THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS |                  |            |
|---|------------------|------------|
| STATION   | SYMBOL           | QUANTITY   |
|   |                  | SQ FT      |
| IL 132 (GRAND AVE.)   |                  |            |
| 287+28  | Left Turn Arrows | 31         |
| 298+94  | Left Turn Arrow  | 16         |
| 301+68  | ONLY             | 21         |
| 301+80  | Left Turn Arrow  | 16         |
| 303+42  | Left Turn Arrow  | 16         |
| 303+65  | ONLY             | 21         |
| 305+29  | Left Turn Arrows | 31         |
| 307+00  | Left Turn Arrow  | 16         |
| 307+28  | Left Turn Arrow  | 21         |
| 308+00  | ONLY             | 21         |
| 308+25  | Left Turn Arrow  | 16         |
| 308+45  | RRX              | 54         |
| 308+45  | RR               | 7          |
| <b>TOTAL</b>  |                  | <b>285</b> |

| 78000200 - THERMOPLASTIC PAVEMENT MARKING - LINE 4" |         |                                      |             |
|---|---------|--------------------------------------|-------------|
| STATION   | STATION | DESCRIPTION                          | QUANTITY    |
|   |         |                                      | FOOT        |
| 132 (GRAND AVE.)                                    |         |                                      |             |
| 280+86  | 284+84  | Solid White EOP (RT)                 | 398         |
| 280+86  | 284+55  | Double Yellow                        | 737         |
| 280+86  | 284+66  | Solid White EOP (LT)                 | 386         |
| 284+92  | 286+66  | Double Yellow                        | 690         |
| 286+66  | 286+66  | Single Yellow                        | 11          |
| 286+66  | 287+90  | Center Lane Solid Yellow             | 248         |
| 286+66  | 287+90  | Yellow Skip Dash, 30' Skip, 10' Dash | 100         |
| 288+45  | 288+90  | Double Yellow                        | 90          |
| 298+70  | 299+40  | Double Yellow                        | 140         |
| CEDAR AVE.  |         |                                      |             |
| 700+34  | 701+20  | Double Yellow                        | 172         |
| 132 (GRAND AVE.)                                    |         |                                      |             |
| 300+55  | 301+51  | Double Yellow                        | 420         |
| 301+51  | 302+16  | Double Yellow                        | 130         |
| 302+68  | 304+93  | Double Yellow                        | 450         |
| 303+83  | 304+93  | Double Yellow                        | 220         |
| 304+93  | 305+81  | Center Lane Solid Yellow             | 176         |
| 304+93  | 305+81  | Yellow Skip Dash, 30' Skip, 10' Dash | 40          |
| 306+57  | 308+75  | Solid White, EOP (LT)                | 218         |
| 306+64  | 312+02  | Solid White, EOP (RT)                | 534         |
| 306+68  | 307+40  | Double Yellow                        | 144         |
| 307+40  | 307+85  | Double Yellow                        | 94          |
| 307+85  | 308+71  | Double Yellow                        | 172         |
| 309+00  | 311+42  | EOP (LT)                             | 256         |
| 311+73  | 312+02  | EOP (LT)                             | 37          |
| 309+18  | 311+09  | Double Yellow                        | 633         |
| 311+09  | 312+02  | Double Yellow                        | 186         |
| <b>TOTAL</b>  |         |                                      | <b>6682</b> |

| 78000100-THERMOPLASTIC PAVEMENT MARKING - LINE 6" |         |   |            |
|---|---------|---|------------|
| STATION   | STATION | DESCRIPTION                               | QUANTITY   |
|   |         |   | FOOT       |
| IL 132 (GRAND AVE.)                               |         |   |            |
| 287+93  | 288+46  | Crosswalk Solid White, Oak Lane Dr.       | 93         |
| 288+45  | 288+90  | Turn Lane Solid White                     | 45         |
| 298+70  | 299+40  | Turn Lane Solid White                     | 70         |
| 301+51  | 302+16  | Turn Lane Solid White                     | 65         |
| 301+00  | 302+51  | White Skip Dash, 2' Dash, 6' Skip         | 38         |
| 302+21  | 302+71  | Crosswalk Solid White, Sherwood Ave.      | 89         |
| 302+68  | 303+83  | Turn Lane Solid White                     | 115        |
| 303+83  | 304+93  | White Skip Dash, 2' Dash, 6' Skip         | 28         |
| 305+99  | 306+58  | Crosswalk Solid White McKinley Ave.       | 111        |
| 306+68  | 307+40  | Turn Lane Solid White                     | 72         |
| 307+40  | 307+85  | White Skip Dash, 2' Dash, 6' Skip, 2 Sets | 24         |
| 307+85  | 308+71  | Turn Lane Solid White                     | 86         |
| <b>TOTAL</b>                                      |         |   | <b>836</b> |

| 78000600 - THERMOPLASTIC PAVEMENT MARKING - LINE 12" |         |            |
|--|---------|------------|
| STATION  | STATION | QUANTITY   |
|  |         | FOOT       |
| IL 132 (GRAND AVE.)                                  |         |            |
| PAINTED MEDIAN DIAGONAL LINES                        |         |            |
| 285+26   | 286+66  | 38         |
| 300+55   | 301+52  | 45         |
| 303+83   | 304+93  | 38         |
| 309+18   | 310+28  | 38         |
| CROSSWALK  |         |            |
| IL 132 EAST OF CLEVELAND AVE                         |         | 110        |
| IL 132 WEST OF CEDAR AVE.                            |         | 142        |
| IL 132 AT CEDAR AVE.                                 |         | 146        |
| IL 132 AT CN RAILWAY                                 |         | 66         |
| <b>TOTAL</b>   |         | <b>622</b> |

| 78000650-THERMOPLASTIC PAVEMENT MARKING - LINE 24" |           |
|--|-----------|
| LOCATION   | QUANTITY  |
|  | FOOT      |
| IL 132 (GRAND AVE.)                                |           |
| OAK LANE DR  | 15        |
| CEDAR AVE  | 14        |
| SHERWOOD AVE                                       | 16        |
| RR SIGNS   | 24        |
| AT RR WEST   | 12        |
| AT RR EAST   | 12        |
| <b>TOTAL</b>                                       | <b>93</b> |

| 78009000 - MODIFIED URETHAN PAVEMENT MARKING - LETTERS AND SYMBOLS |             |            |
|--|-------------|------------|
| STATION  | DESCRIPTION | QUANTITY   |
|  |             | SQ FT      |
| IL 132 (GRAND AVE.)  |             |            |
| 289+30   | ARROW       | 16         |
| 289+53   | ONLY        | 21         |
| 292+51   | ARROW       | 16         |
| 292+73   | ONLY        | 21         |
| 294+75   | ARROWS      | 31         |
| 296+75   | ARROWS      | 31         |
| 298+70   | ONLY        | 21         |
| <b>ROUNDED TOTAL</b>   |             | <b>156</b> |

| 78009004 - MODIFIED URETHANE PAVEMENT MARKING - LINE 4 INCH |         |               |             |
|---|---------|---------------|-------------|
| STATION   | STATION | DESCRIPTION   | QUANTITY    |
|   |         |               | FOOT        |
| IL 132 (GRAND AVE.)   |         |               |             |
| 289+70  | 290+85  | DOUBLE YELLOW | 230         |
| 288+90  | 290+99  | DOUBLE YELLOW | 418         |
| MEDIAN NOSE   |         | DOUBLE YELLOW | 20          |
| 291+62  | 293+97  | DOUBLE YELLOW | 470         |
| 292+88  | 293+97  | DOUBLE YELLOW | 218         |
| 293+77  |         | SOLID YELLOW  | 11          |
| 293+97  | 297+44  | DOUBLE YELLOW | 694         |
| 293+97  | 297+44  | DOUBLE YELLOW | 180         |
| 297+23  |         | SOLID YELLOW  | 11          |
| 297+23  | 298+25  | DOUBLE YELLOW | 204         |
| 298+25  | 298+70  | DOUBLE YELLOW | 90          |
| <b>ROUNDED TOTAL</b>  |         |               | <b>2546</b> |

| 78009006 - MODIFIED URETHANE PAVEMENT MARKING - LINE 6 INCH |         |                                   |            |
|---|---------|-----------------------------------|------------|
| STATION   | STATION | DESCRIPTION                       | QUANTITY   |
|   |         |                                   | FOOT       |
| IL 132 (GRAND AVE.)   |         |                                   |            |
| 288+90  | 289+70  | White Solid                       | 80         |
| 289+70  | 290+85  | White Skip Dash, 6' Skip, 2' Dash | 30         |
| 291+17  | 291+63  | Oak Knoll Dr Crosswalk            | 82         |
| 291+62  | 292+88  | White Solid                       | 126        |
| 292+88  | 293+97  | White Skip Dash, 6' Skip, 2' Dash | 28         |
| 297+15  | 298+28  | White Skip Dash, 6' Skip, 2' Dash | 30         |
| 298+25  | 298+70  | White Solid                       | 45         |
| <b>TOTAL</b>  |         |                                   | <b>421</b> |

| 78009012 - MODIFIED URETHANE PAVEMENT MARKING - LINE 12 INCH |         |                 |            |
|--|---------|-----------------|------------|
| STATION  | STATION | DESCRIPTION     | QUANTITY   |
|  |         |                 | FOOT       |
| 289+70   | 290+99  | DIAGONAL YELLOW | 40         |
| 292+88   | 293+97  | DIAGONAL YELLOW | 38         |
| 297+23   | 298+31  | DIAGONAL YELLOW | 38         |
| <b>TOTAL</b>   |         |                 | <b>115</b> |

| 78009024 - MODIFIED URETHANE PAVEMENT MARKING - LINE 24 INCH |           |
|--|-----------|
| STATION  | QUANTITY  |
|  | FOOT      |
| OAK KNOLL DR   | 14        |
| <b>TOTAL</b>   | <b>14</b> |

| 78100100 - RAISED REFLECTIVE PAVEMENT MARKER |         |  |            |
|--|---------|--|------------|
| STATION                                      | STATION | TYPE                                       | QUANTITY   |
|  |         |  | EACH       |
| IL 132 (GRAND AVE.)                          |         |  |            |
| 284+43                                       | 286+66  | Two-way Amber Marker, 40' Spacing (Double) | 12         |
| 288+45                                       | 288+90  | Two-way Amber Marker, 40' Spacing (Double) | 4          |
| 298+70                                       | 299+69  | Two-way Amber Marker, 40' Spacing (Double) | 6          |
| 700+38                                       | 701+20  | Two-way Amber Marker, 40' Spacing (Double) | 0          |
| 301+44                                       | 302+16  | Two-way Amber Marker, 40' Spacing (Double) | 4          |
| 302+68                                       | 304+93  | Two-way Amber Marker, 40' Spacing (Double) | 12         |
| 306+68                                       | 307+40  | Two-way Amber Marker, 40' Spacing (Double) | 4          |
| 307+85                                       | 308+71  | Two-way Amber Marker, 40' Spacing (Double) | 6          |
| 309+18                                       |         | Two-way Amber Marker, 40' Spacing (Double) | 4          |
| 309+18                                       | 310+28  | Two-way Amber Marker, 40' Spacing (Double) | 6          |
| 310+51                                       | 312+02  | Two-way Amber Marker, 40' Spacing (Double) | 8          |
| 288+45                                       | 288+90  | One way Crystal Marker, 40' Spacing        | 2          |
| 298+70                                       | 299+69  | One way Crystal Marker, 40' Spacing        | 3          |
| 302+68                                       | 303+83  | One way Crystal Marker, 40' Spacing        | 3          |
| 306+68                                       | 307+40  | One way Crystal Marker, 40' Spacing        | 2          |
| 307+85                                       | 308+71  | One way Crystal Marker, 40' Spacing        | 3          |
| 286+66                                       | 287+90  | Two-way Amber Marker, 40' Spacing          | 4          |
| 286+66                                       | 287+90  | Two-way Amber Marker, 40' Spacing          | 4          |
| 301+38                                       | 302+16  | Two-way Amber Marker, 40' Spacing          | 2          |
| 304+93                                       | 305+81  | Two-way Amber Marker, 40' Spacing          | 3          |
| 304+93                                       | 305+81  | Two-way Amber Marker, 40' Spacing          | 3          |
| <b>TOTAL</b>                                 |         |  | <b>101</b> |

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MBJ    | REVISED - |
| PLOT SCALE = 48.0000' / in. | DRAWN - MBJ       | REVISED - |
| PLOT DATE = 11/30/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE - 11/30/2022 | REVISED - |

|                              |                           |           |              |           |
|------------------------------|---------------------------|-----------|--------------|-----------|
| STATE OF ILLINOIS            | SECTION                   | COUNTY    | TOTAL SHEETS | SHEET NO. |
| DEPARTMENT OF TRANSPORTATION | 541                       | WR(2)-R-1 | 164          | 15        |
|                              | CONTRACT NO. 62A53        |           |              |           |
|                              | ILLINOIS FED. AID PROJECT |           |              |           |

|            |                     |              |
|------------|---------------------|--------------|
| SCALE: NTS | SHEET 7 OF 9 SHEETS | STA. TO STA. |
|------------|---------------------|--------------|

|   |  |
|---|--|
| IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE |  |
| SCHEDULE OF QUANTITIES                            |  |

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 15        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |



| 78300200 - RAISED REFLECTIVE PAVEMENT MARKER REMOVAL |         |               |
|--|---------|---------------|
| STATION  | STATION | QUANTITY EACH |
| IL 132 (GRAND AVE.)                                  |         |               |
| 283+87   | 288+90  | 14            |
| 288+90   | 302+68  | 18            |
| 302+68   | 312+02  | 48            |
| 309+18   |         | 4             |
| 306+68   | 307+40  | 2             |
| 307+85   | 308+71  | 3             |
| 308+71   | 310+00  | 8             |
| 310+51   | 311+37  | 4             |
| <b>TOTAL</b>   |         | <b>101</b>    |

| X0327487 - TRIAXIAL GEOGRID REINFORCEMENT, TYPE I |         |                  |
|---|---------|------------------|
| STATION   | STATION | QUANTITY (SQ YD) |
| IL 132 (GRAND AVE.)                               |         |                  |
| STAGE I   |         |                  |
| 284+94  | 299+52  | 1171             |
| 301+22  | 302+20  | 57               |
| OAK KNOLL DR. TEMP ACCESS                         |         |                  |
| 291+11  | 291+50  | 438              |
| STAGE II  |         |                  |
| 281+25  | 286+32  | 415              |
| Multiplication Factor 2.0                         |         |                  |
| <b>TOTAL</b>                                      |         | <b>4162</b>      |

| X0327980 - PAVEMENT MARKING REMOVAL - WATER BLASTING |         |                  |                 |
|--|---------|------------------|-----------------|
| STATION  | STATION | DESCRIPTION      | QUANTITY (FOOT) |
| PRE-STAGE I  |         |                  |                 |
| 283+91   | 284+56  | EDGE OF PAVEMENT | 22              |
| 285+00   | 299+70  | EDGE OF PAVEMENT | 490             |
| 306+68   | 307+40  | TURN LANE        | 36              |
| STAGE I  |         |                  |                 |
| 282+81   | 284+84  | EDGE OF PAVEMENT | 102             |
| <b>TOTAL</b>   |         |                  | <b>650</b>      |

| X6650202 - WOVEN WIRE FENCE REMOVAL |      |               |
|-------------------------------------|------|---------------|
| LOCATION                            | SIDE | QUANTITY FOOT |
| IL 132 (GRAND AVE.)                 |      |               |
| STATION 288+90.25 TO 298+70         | C.R  | 960.0         |
| <b>TOTAL</b>                        |      | <b>960.0</b>  |

| X7030005-TEMPORARY PAVEMENT MARKING REMOVAL |         |               |                  |
|---|---------|---------------|------------------|
| STATION                                     | STATION | DESCRIPTION   | QUANTITY (SQ FT) |
| STAGE I                                     |         |               |                  |
| PAVEMENT MARKING TAPE TYPE IV 4 "           |         |               |                  |
| 283+91                                      | 284+56  | WHITE         | 22               |
| 283+91                                      | 284+84  | YELLOW        | 31               |
| 284+84                                      | 286+24  | YELLOW        | 47               |
| 286+73                                      | 287+69  | YELLOW        | 32               |
| 285+00                                      | 287+92  | WHITE         | 97               |
| 288+93                                      | 299+70  | WHITE         | 359              |
| 288+93                                      | 299+70  | YELLOW        | 359              |
| 301+03                                      | 307+75  | WHITE         | 224              |
| 301+03                                      | 306+00  | YELLOW        | 166              |
| STAGE II                                    |         |               |                  |
| PAVEMENT MARKING TAPE TYPE IV 4 "           |         |               |                  |
| 283+00                                      | 284+70  | WHITE         | 57               |
| 283+00                                      | 284+70  | DOUBLE YELLOW | 113              |
| 283+00                                      | 284+70  | WHITE         | 57               |
| 284+70                                      | 305+73  | WHITE         | 701              |
| 284+70                                      | 305+73  | DOUBLE YELLOW | 1402             |
| 305+73                                      | 307+51  | WHITE         | 59               |
| 305+73                                      | 306+69  | DOUBLE YELLOW | 64               |
| PAVEMENT MARKING TAPE TYPE IV 6 "           |         |               |                  |
| 306+68                                      | 307+40  | WHITE         | 36               |
| <b>TOTAL</b>                                |         |               | <b>3826</b>      |

| Z0062456 - TEMPORARY PAVEMENT |         |                  |
|-------------------------------|---------|------------------|
| STATION                       | STATION | QUANTITY (SQ YD) |
| IL 132 (GRAND AVE.)           |         |                  |
| STAGE I                       |         |                  |
| 284+94                        | 299+52  | 1171             |
| 301+22                        | 305+00  | 57               |
| OAK KNOLL DR. TEMP ACCESS     |         |                  |
| STAGE II                      |         |                  |
| 281+25                        | 286+32  | 415              |
| <b>TOTAL</b>                  |         | <b>2081</b>      |

| X2011000-TEMPORARY FENCE (SPECIAL) |         |        |               |
|------------------------------------|---------|--------|---------------|
| STATION                            | STATION | OFFSET | QUANTITY FOOT |
| IL 132 (GRAND AVE.)                |         |        |               |
| STAGE 1 - ALONG SIDEWALK           |         |        |               |
| 284+41                             | 284+41  | RIGHT  | 10.5          |
| 284+40                             | 284+61  | LEFT   | 21.0          |
| 284+90                             | 286+34  | LEFT   | 144.0         |
| 286+54                             | 287+97  | LEFT   | 142.5         |
| 288+88                             | 298+54  | LEFT   | 966.0         |
| 300+89                             | 302+23  | LEFT   | 134.4         |
| STAGE 2 - ALONG SIDEWALK           |         |        |               |
| 285+08                             | 286+32  | RIGHT  | 124.0         |
| <b>TOTAL</b>                       |         |        | <b>1543</b>   |

| X4021000 - TEMPORARY ACCESS (PRIVATE ENTRANCE) |        |             |
|--|--------|-------------|
| STATION  | OFFSET | NUMBER EACH |
| IL 132 (GRAND AVE.)                            |        |             |
| 286+50   | RT     | 1           |
| 305+25   | RT     | 1           |
| 304+60   | RT     | 1           |
| 303+90   | RT     | 1           |
| 284+83   | RT     | 1           |
| 286+40   | LT     | 1           |
| 288+30   | LT     | 1           |
| 305+30   | LT     | 1           |
| <b>TOTAL</b>                                   |        | <b>8</b>    |

| X6640304 - CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED |         |               |
|--|---------|---------------|
| STATION  | STATION | QUANTITY FOOT |
| IL 132 (GRAND AVE.)                                      |         |               |
| Unit 7 - At Residential Property                         |         | 10.0          |
| <b>TOTAL</b>   |         | <b>10</b>     |

| Z0077700 - WOOD FENCE TO BE REMOVED AND RE-ERECTED |         |               |
|--|---------|---------------|
| STATION  | STATION | QUANTITY FOOT |
| IL 132 (GRAND AVE.)                                |         |               |
| Unit 8 - At Apartment Building                     |         | 16.0          |
| <b>TOTAL</b>                                       |         | <b>16</b>     |

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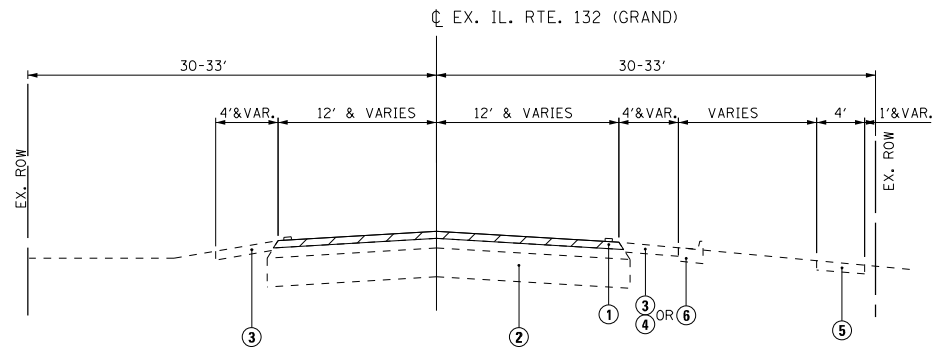


|                             |                  |           |
|-----------------------------|------------------|-----------|
| USER NAME = IDOTCAD         | DESIGNED - MBJ   | REVISED - |
| DRAWN - MBJ                 | REVISOR -        |           |
| PLOT SCALE = 40.0000' / in. | CHECKED - TPP    | REVISOR - |
| PLOT DATE = 12/2/2022       | DATE - 12/2/2022 | REVISOR - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

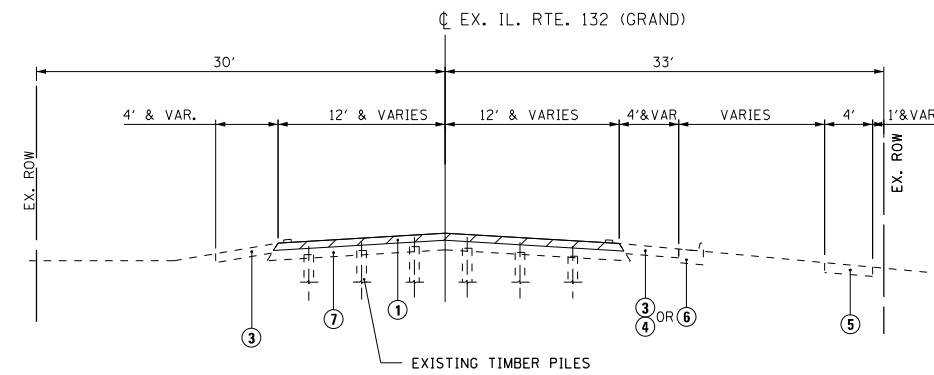
|   |                     |              |
|---|---------------------|--------------|
| IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE |                     |              |
| SCHEDULE OF QUANTITIES                            |                     |              |
| SCALE: NTS  | SHEET 8 OF 9 SHEETS | STA. TO STA. |

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 16        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |



**EXISTING TYPICAL SECTION - IL ROUTE 132 (GRAND AVE.)**

STA. 284+84.00 TO STA. 289+30.00  
 STA. 298+30.00 TO STA. 306+73.38



**EXISTING TYPICAL SECTION - IL ROUTE 132 (GRAND AVE.)**

STA. 289+30.00 TO STA. 298+30.00

**LEGEND**

- ① EXISTING HMA SURFACE COURSE & BINDER COURSE
- ② EXISTING PCC PAVEMENT
- ③ EXISTING AGGREGATE SHOULDER
- ④ EXISTING HMA SHOULDER
- ⑤ EXISTING PCC SIDEWALK
- ⑥ EXISTING COMBINATION CURB & GUTTER
- ⑦ EXISTING CONCRETE BRIDGE DECK

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCAD         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 20.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/18/2022      | DATE - 10/18/2022 | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE**  
**TYPICAL SECTIONS**

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---------------------------|-----------|--------|--------------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164                | 17        |
|                           |           |        | CONTRACT NO. 62A53 |           |
| ILLINOIS FED. AID PROJECT |           |        |                    |           |

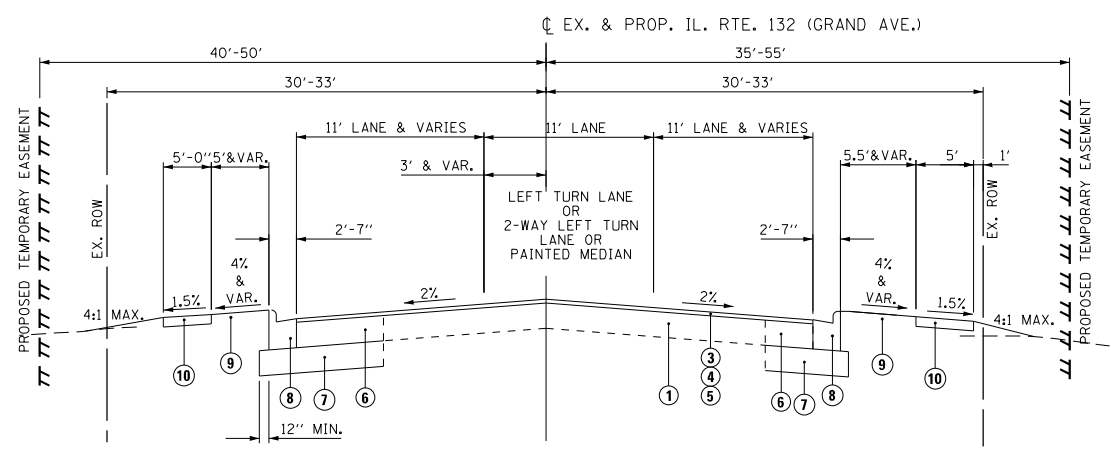
**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

| MIXTURE TYPE  | AIR VOIDS (%) AT N <sub>DES</sub> | QUALITY MANAGEMENT PROGRAM (QMP) |
|---|-----------------------------------|----------------------------------|
| <b>PAVEMENT RESURFACING</b>   |                                   |                                  |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 1-1/2"  | 4.0% AT 70 GYR.                   | QC/OA                            |
| POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"   | 3.5% AT 50 GYR.                   | QC/OA                            |
| <b>PAVEMENT WIDENING &lt;= 6'</b>   |                                   |                                  |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 1-1/2"  | 4.0% AT 70 GYR.                   | QC/OA                            |
| POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4"   | 3.5% AT 50 GYR.                   | QC/OA                            |
| HMA BASE COURSE WIDENING (HMA BINDER IL-19); 8-3/4"   | 4.0% AT 70 GYR.                   | QC/OA                            |
| <b>PAVEMENT WIDENING &gt; 6' (SEE NOTE 6)</b>   |                                   |                                  |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 1-1/2"  | 4.0% AT 70 GYR.                   | QC/OA                            |
| POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4"   | 3.5% AT 50 GYR.                   | QC/OA                            |
| HMA BASE COURSE (HMA BINDER IL-19); 8-3/4"  | 4.0% AT 70 GYR.                   | QC/OA                            |
| <b>TEMPORARY PAVEMENT</b>   |                                   |                                  |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5); 2"  | 4.0% AT 70 GYR.                   | QC/OA                            |
| HMA BINDER COURSE, IL 19.0, N70; 8"   | 4.0% AT 70 GYR.                   | QC/OA                            |
| <b>TEMPORARY PAVEMENT (VARIABLE DEPTH)</b>  |                                   |                                  |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5)  | 4.0% AT 70 GYR.                   | QC/OA                            |
| <b>HMA SHOULDERS</b>  |                                   |                                  |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5); 1-1/2"  | 4.0% AT 70 GYR.                   | QC/OA                            |
| HMA BINDER COURSE, IL 19.0, N70; 8"   | 4.0% AT 70 GYR.                   | QC/OA                            |
| <b>PATCHING (SEE NOTE 5)</b>  |                                   |                                  |
| CLASS D PATCHES (HMA BINDER IL-19)  | 4.0% AT 70 GYR.                   | QC/OA                            |
| <b>TEMPORARY SIDEWALK (SEE NOTE 6)</b>  |                                   |                                  |
| HMA BINDER COURSE, IL 19.0, N70; 5"   | 4.0% AT 70 GYR.                   | QC/OA                            |
| <b>TEMPORARY ACCESS ROAD</b>  |                                   |                                  |
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5); 2"  | 4.0% AT 70 GYR.                   | QC/OA                            |
| QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PPF) |                                   |                                  |

- NOTES:
- THE UNIT WEIGHT USED TO CALCULATE ALL SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ. YD./IN.
  - THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22", AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
  - FOR PAVEMENT PATCHES THE CONSTRUCTION SEQUENCE WILL BE MILLING FIRST THAN PATCHING WITH CLASS D PATCHES, REFER TO DISTRICT 1 STANDARD BD-22.
  - PAVEMENT WIDENING > 6' APPLIES FOR ALL SIDE STREET RECONSTRUCTION LIMITS.
  - PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; THICKNESS SHALL BE 10". TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.
  - PCC TEMPORARY SIDEWALK SHALL CONSIST OF CLASS SI CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS; THICKNESS SHALL BE 5".

**LEGEND**

- ① EXISTING PCC PAVEMENT
- ② EXISTING COMBINATION CURB & GUTTER
- ③ HMA SURFACE REMOVAL, 2 1/4"
- ④ HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 1/2"
- ⑤ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50
- ⑥ HMA BASE COURSE, 8 3/4" & HMA BASE COURSE WIDENING, 8 3/4"
- ⑦ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑧ COMBINATION CONCRETE C&G, TYPE B-6.24
- ⑨ LANDSCAPING AREA, SEEDING 2A
- ⑩ PCC SIDEWALK 5"
- ⑪ DRY LAND BRIDGE (SEE BRIDGE PLANS)
- ⑫ METAL SHELL PILES (SEE BRIDGE PLANS)
- ⑬ DOWELED BARRIER CURB (SEE BRIDGE PLANS)



**PROPOSED TYPICAL SECTION – IL ROUTE 132 (GRAND AVE.)**

STA. 284+84.00 TO STA. 288+89.75  
 STA. 298+70.25 TO STA. 300+83.86  
 STA. 301+44.00 TO STA. 305+73.37  
 STA. 288+89.75 TO STA. 298+70.25 (BRIDGE OMISSION)

**PAVEMENT WIDENING > 6'**

STA. 284+84.00 TO 284+97.51 LT  
 STA. 299+65.00 TO 299+83.33 LT  
 STA. 285+92.29 TO 288+89.75 RT  
 STA. 298+70.23 TO 304+34.41 RT  
 STA. 305+66.58 TO 305+73.37 RT

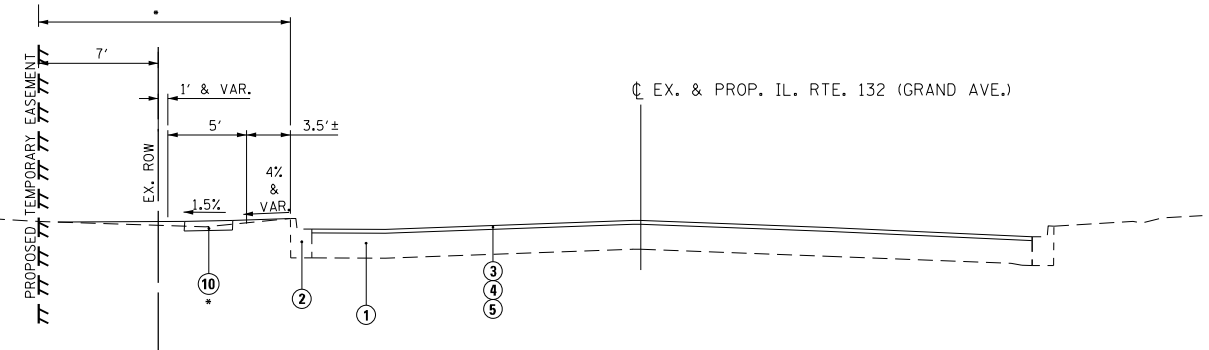
**PAVEMENT WIDENING <= 6'**

STA. 284+97.51 TO 288+89.75 LT  
 STA. 298+70.25 TO 299+65.00 LT  
 STA. 300+73.82 TO 305+73.37 LT  
 STA. 284+84.00 TO 285+92.29 RT  
 STA. 304+34.41 TO 305+66.58 RT

**PAVEMENT RESURFACING**

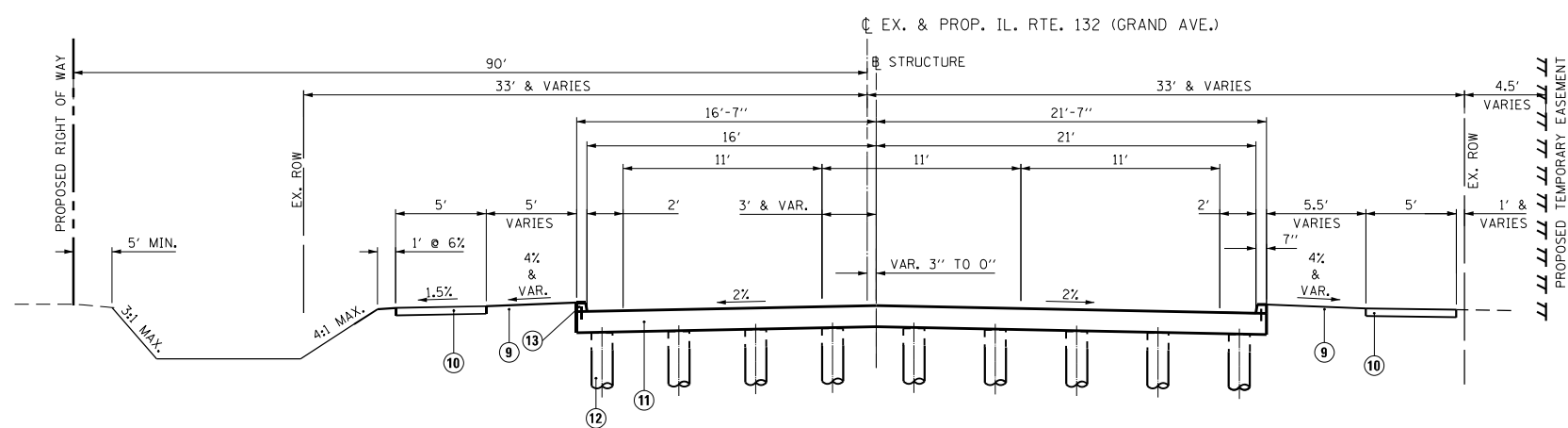
IL132 (GRAND AVE.)  
 STA. 284+84.00 TO 288+89.75  
 STA. 298+70.25 TO 312+15.00

CEDAR AVE.  
 STA. 700+00.00 TO 701+20.00



**PROPOSED TYPICAL SECTION – IL ROUTE 132 (GRAND AVE.)**

STA. 305+73.37 TO STA. 312+04.98  
 • STA. 305+73.37 TO 306+73.38



**PROPOSED TYPICAL SECTION – IL ROUTE 132 (GRAND AVE.)**

**DRY LAND BRIDGE**  
 STA. 288+89.75 TO STA. 298+70.25

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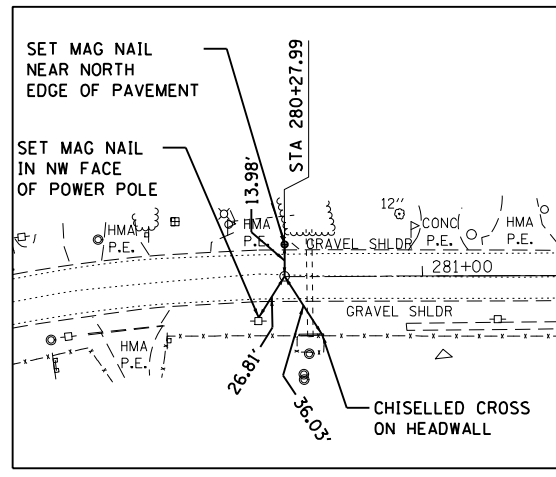
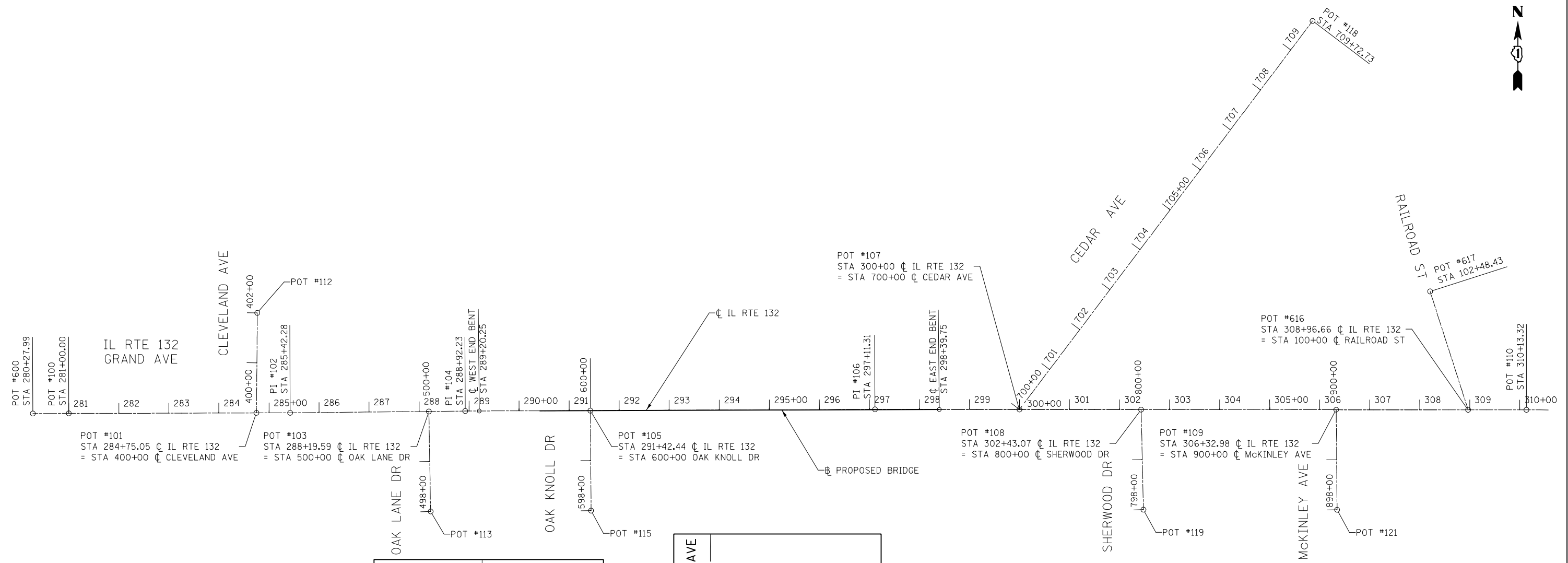


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| USER NAME = I00TCA0         | DESIGNED - MBJ   | REVISED - |
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| PLOT DATE = 12/2/2022       | CHECKED - TPP    | REVISED - |
|                             | DATE - 12/2/2022 | REVISED - |

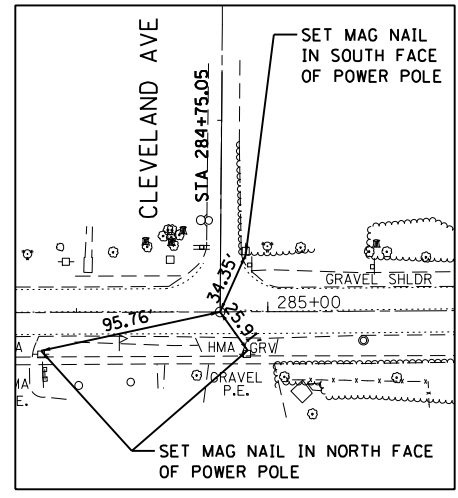
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

|  |                                  |
|--|----------------------------------|
| <b>IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE</b> |                                  |
| <b>TYPICAL SECTIONS</b>                                  |                                  |
| SCALE: NTS   | SHEET 2 OF 2 SHEETS STA. TO STA. |

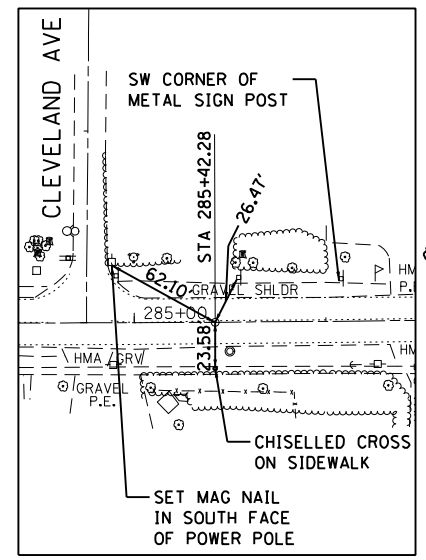
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| F.A.P. RTE. 541           | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 18 |
| CONTRACT NO. 62A53        |                   |             |                  |              |
| ILLINOIS FED. AID PROJECT |                   |             |                  |              |



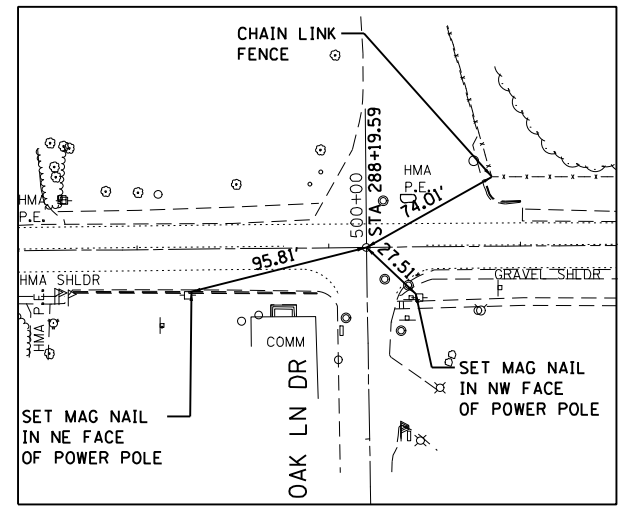
**POT #600**  
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 STA 280+27.99  
 N= 2094092.614  
 E= 1050085.774  
 EL= 794.42



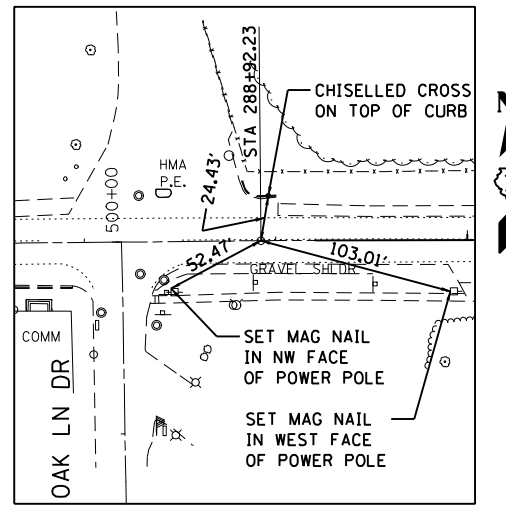
**POT #101**  
 SET MAG NAIL  
 STA 284+75.05  
 STA 400+00 @ CLEVELAND AVE  
 N= 2094093.956  
 E= 1050532.857  
 EL= 801.76



**PI #102**  
 FOUND MAG NAIL  
 STA 285+42.28  
 N= 2094094.143  
 E= 1050600.089  
 EL= 799.15



**POT #103**  
 FOUND MAG NAIL  
 STA 288+19.59  
 STA 500+00 @ OAK LANE DR  
 N= 2094096.894  
 E= 1050877.381  
 EL= 789.71



**PI #104**  
 FOUND MAG NAIL  
 STA 288+92.23  
 N= 2094097.614  
 E= 1050950.020  
 EL= 789.46

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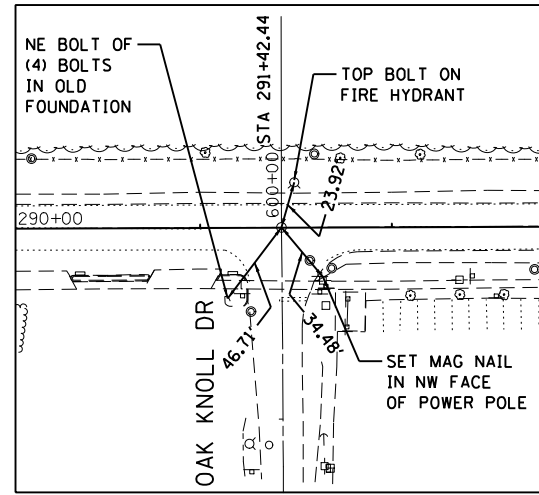


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| USER NAME = jeschumann        | DESIGNED - JN     | REVISED - |
| PLOT SCALE = 400.0000' / 1" = | DRAWN - JN        | REVISED - |
| PLOT DATE = 11/29/2022        | CHECKED - TGM     | REVISED - |
|                               | DATE - 10/07/2022 | REVISED - |

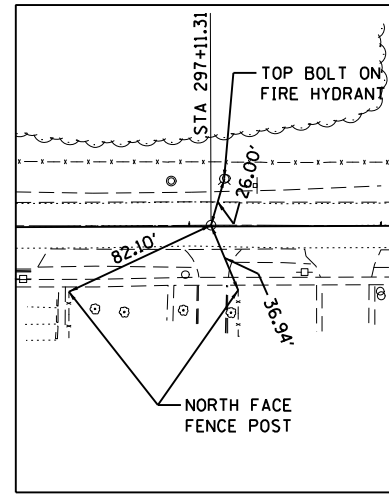
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.  
 ALIGNMENTS, TIES AND BENCHMARKS**  
 SCALE: 1"=200' SHEET 1 OF 3 SHEETS STA. TO STA.

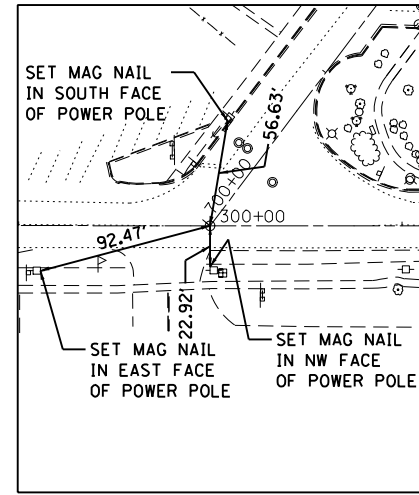
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| F.A.P. RTE. 541           | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 19 |
| CONTRACT NO. 62A53        |                   |             |                  |              |
| ILLINOIS FED. AID PROJECT |                   |             |                  |              |



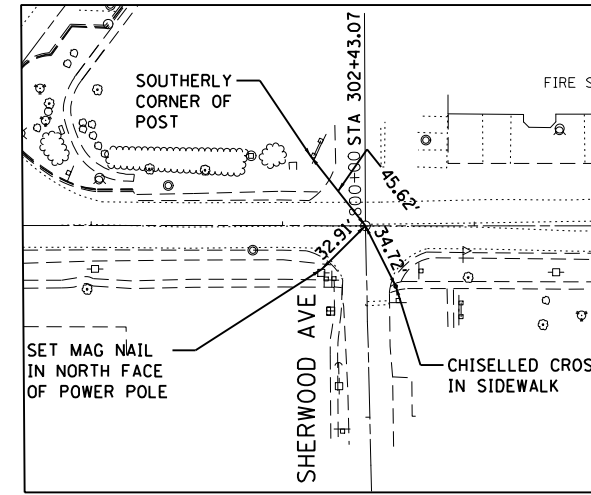
**POT #105**  
FOUND MAG NAIL  
STA 291+42.44  
STA 600+00 @ OAK KNOLL DR  
N= 2094098.634  
E= 1051200.225  
EL= 789.65



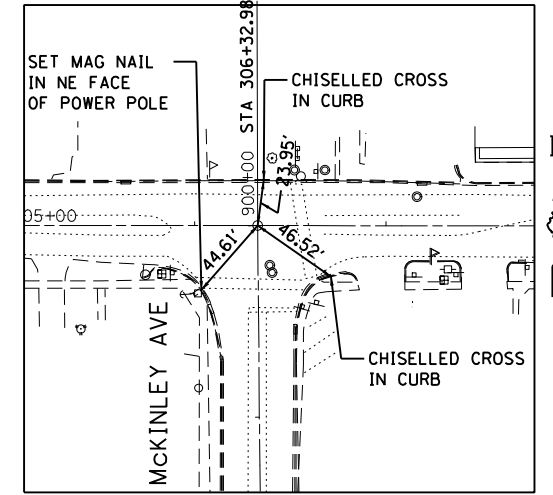
**PI #106**  
SET MAG NAIL  
STA 297+11.31  
N= 2094100.953  
E= 1051769.087  
EL= 790.43



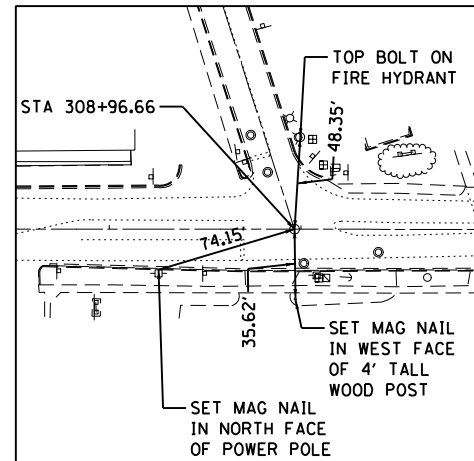
**POT #107**  
FOUND MAG NAIL  
STA 300+00  
STA 700+00 @ CEDAR AVE  
N= 2094100.758  
E= 1052057.781  
EL= 796.40



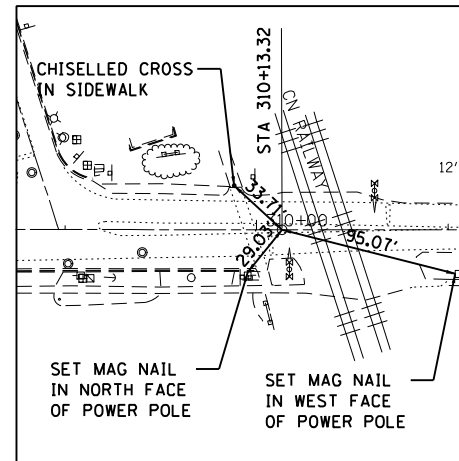
**POT #108**  
FOUND MAG NAIL  
STA 302+43.07  
STA 800+00 @ SHERWOOD AVE  
N= 2094100.594  
E= 1052300.848  
EL= 798.25



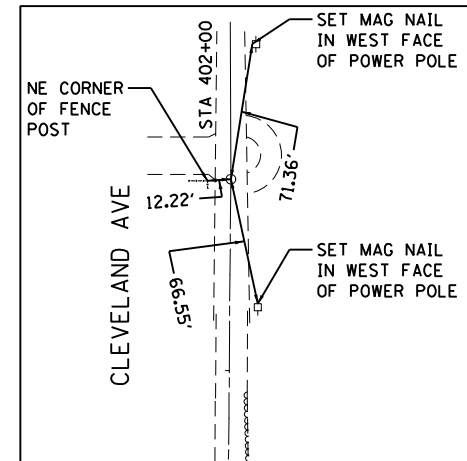
**POT #109**  
FOUND MAG NAIL  
STA 306+32.98  
STA 900+00 @ MCKINLEY AVE  
N= 2094100.331  
E= 1052690.757  
EL= 796.08



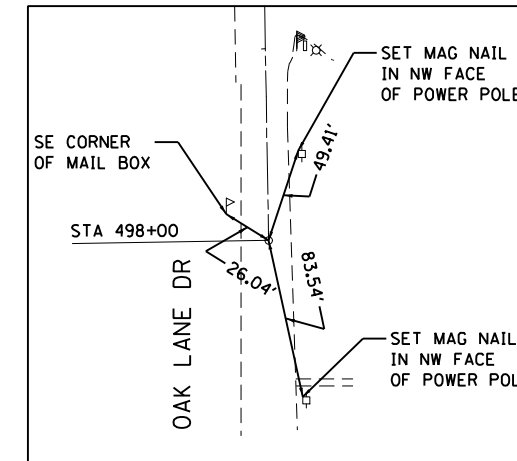
**POT #616**  
SET MAG NAIL  
STA 308+96.66  
STA 100+00 @ MCKINLEY AVE  
N= 2094100.154  
E= 1052954.442  
EL= 798.18



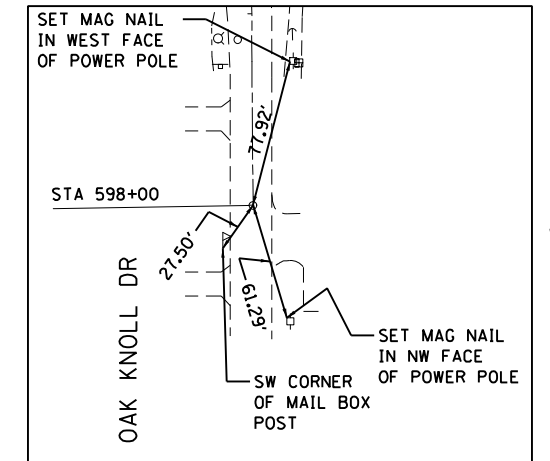
**POT #110**  
FOUND MAG NAIL  
STA 310+13.32  
N= 2094100.075  
E= 1053071.098  
EL= 800.92



**POT #112**  
SET MAG NAIL  
STA 402+00 @ CLEVELAND AVE  
N= 2094293.950  
E= 1050534.450  
EL= 812.23



**POT #113**  
SET MAG NAIL  
STA 498+00 @ OAK LANE DR  
N= 2093898.923  
E= 1050880.816  
EL= 794.50



**POT #115**  
SET MAG NAIL  
STA 598+00 @ OAK KNOLL DR  
N= 2093898.639  
E= 1051201.629  
EL= 788.06

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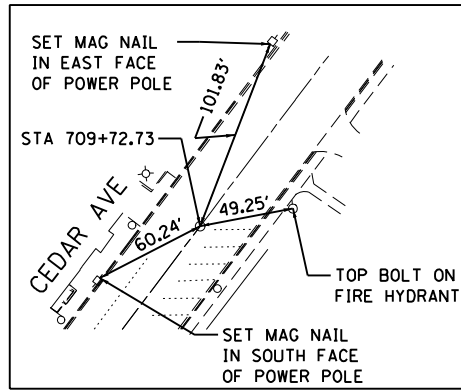
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| USER NAME = jschumann          | DESIGNED - JN     | REVISED - |
| DRAWN - JN                     | REVISOR -         |           |
| PLLOT SCALE = 400.0000' / 1" = | CHECKED - TGM     | REVISOR - |
| PLLOT DATE = 11/29/2022        | DATE - 10/07/2022 | REVISOR - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

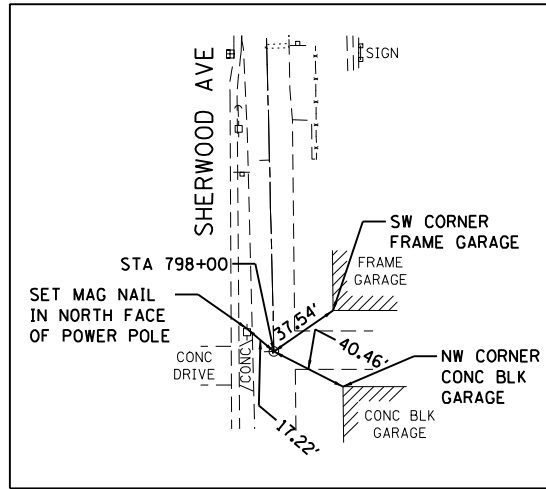
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| <b>IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.</b> |         |             |              |
| <b>ALIGNMENTS, TIES AND BENCHMARKS</b>                     |         |             |              |
| SCALE: 1"=200'   | SHEET 2 | OF 3 SHEETS | STA. TO STA. |

|                    |                  |             |                  |                           |
|--------------------|------------------|-------------|------------------|---------------------------|
| F.A.P. RTE. 541    | SECTION WR21-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 20              |
| CONTRACT NO. 62A53 |                  |             |                  | ILLINOIS FED. AID PROJECT |

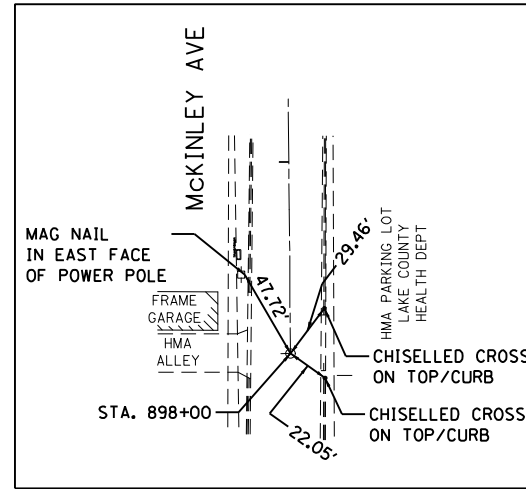




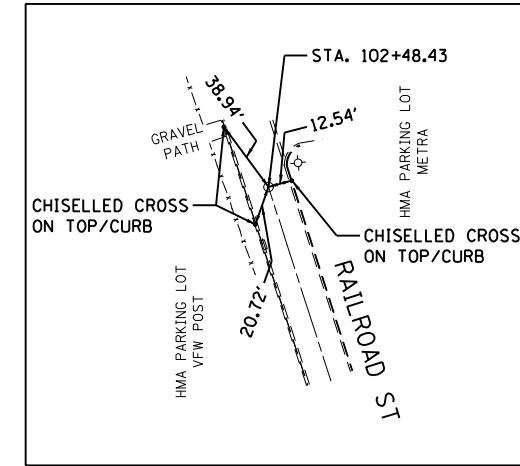
**POT #118**  
 FOUND MAG NAIL  
 STA 709+72.73 @ CEDAR AVE  
 N= 2094877.237  
 E= 1052643.680  
 EL= 796.03



**POT #119**  
 SET MAG NAIL  
 STA 798+00 @ SHERWOOD AVE  
 N= 2093900.651  
 E= 1052305.587  
 EL= 799.32



**POT #121**  
 FOUND MAG NAIL  
 STA 898+00 @ MCKINLEY AVE  
 N= 2093900.340  
 E= 1052692.571  
 EL= 798.97



**POT #617**  
 FOUND MAG NAIL  
 STA 102+48.43 @ RAILROAD ST  
 N= 2094336.681  
 E= 1052878.464  
 EL= 795.60

**BENCHMARKS**

BM-1  
 SOUTH OF 2 EAST UPPER FLANGE BOLTS (ARROW BOLT) OF HYDRANT LOCATED AT THE NORTHEAST CORNER OF IL 132 (GRAND AVE) AND RAILROAD ST  
 STA 309+00.33, 48.05' LT  
 EL = 801.57

BM-2  
 EAST OF 2 SOUTH UPPER FLANGE BOLTS (ARROW BOLT) OF HYDRANT LOCATED AT THE NORTHEAST CORNER OF IL 132 (GRAND AVE) AND CEDAR AVE  
 STA 301+04.24, 24.62' LT  
 EL = 800.47

BM-3  
 EAST OF 2 NORTH UPPER FLANGE BOLTS (ARROW BOLT) OF HYDRANT LOCATED AT THE NORTH SIDE OF IL 132 (GRAND AVE) AT OAK KNOLL DR  
 STA 291+49.00, 23.20' LT  
 EL = 790.11

BM-4  
 EAST OF 2 NORTH UPPER FLANGE BOLTS (ARROW BOLT) OF HYDRANT LOCATED AT THE NORTH SIDE OF IL 132 (GRAND AVE) AT THE APPROXIMATE EAST PROPERTY LINE OF 322 GRAND AVE  
 STA 283+26.42, 20.94' LT  
 EL = 806.23

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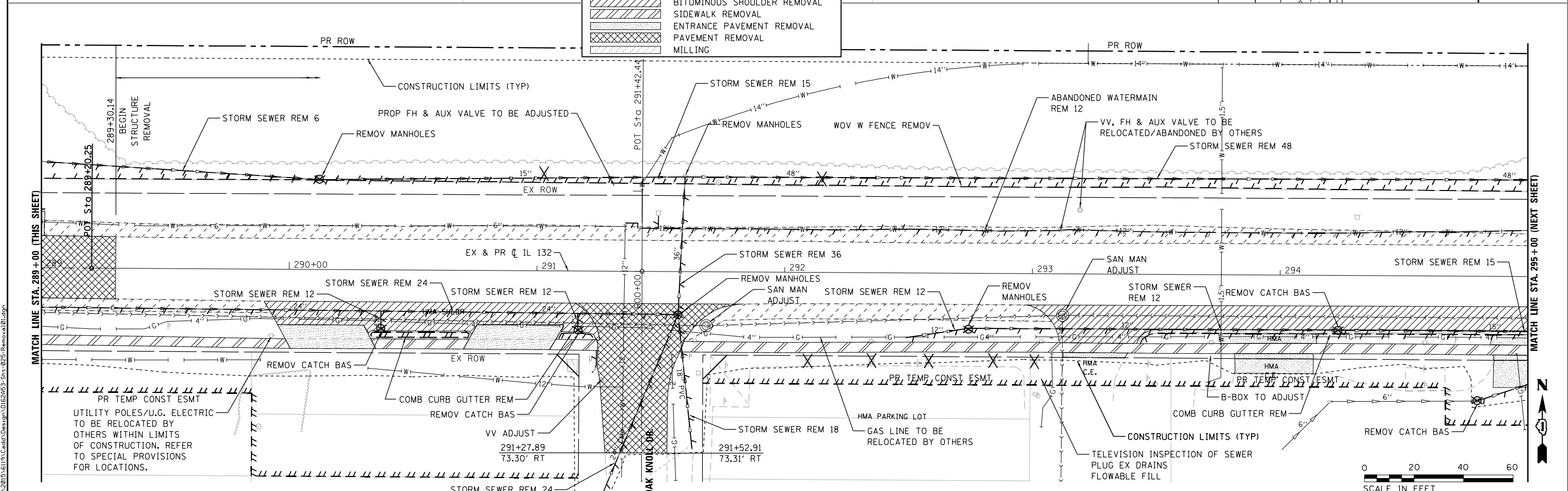
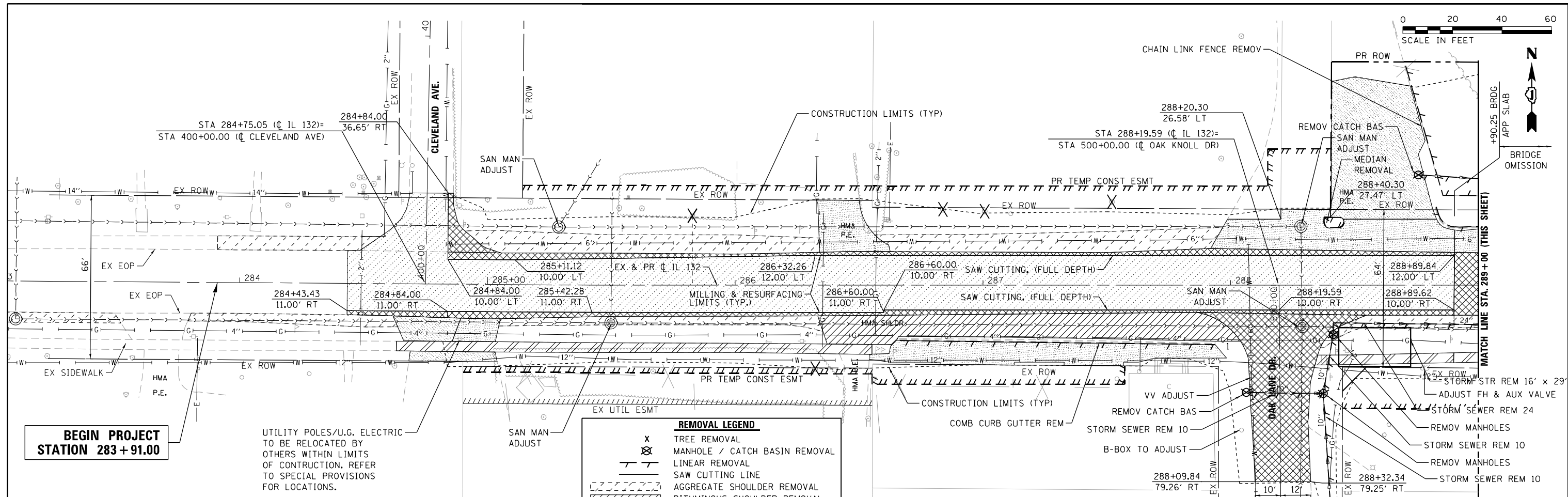


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| USER NAME = jschumann          | DESIGNED - JN     | REVISED - |
| DRAWN - JN                     | REVISIONS -       |           |
| PLLOT SCALE = 400.0000' / 1" = | CHECKED - TGM     | REVISED - |
| PLLOT DATE = 11/29/2022        | DATE - 10/07/2022 | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.  
 ALIGNMENTS, TIES AND BENCHMARKS  
 SCALE: 1"=200' SHEET 3 OF 3 SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION  | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------|--------|--------------|-----------|
| 541                       | WR21-R-1 | LAKE   | 164          | 21        |
| CONTRACT NO. 62A53        |          |        |              |           |
| ILLINOIS FED. AID PROJECT |          |        |              |           |



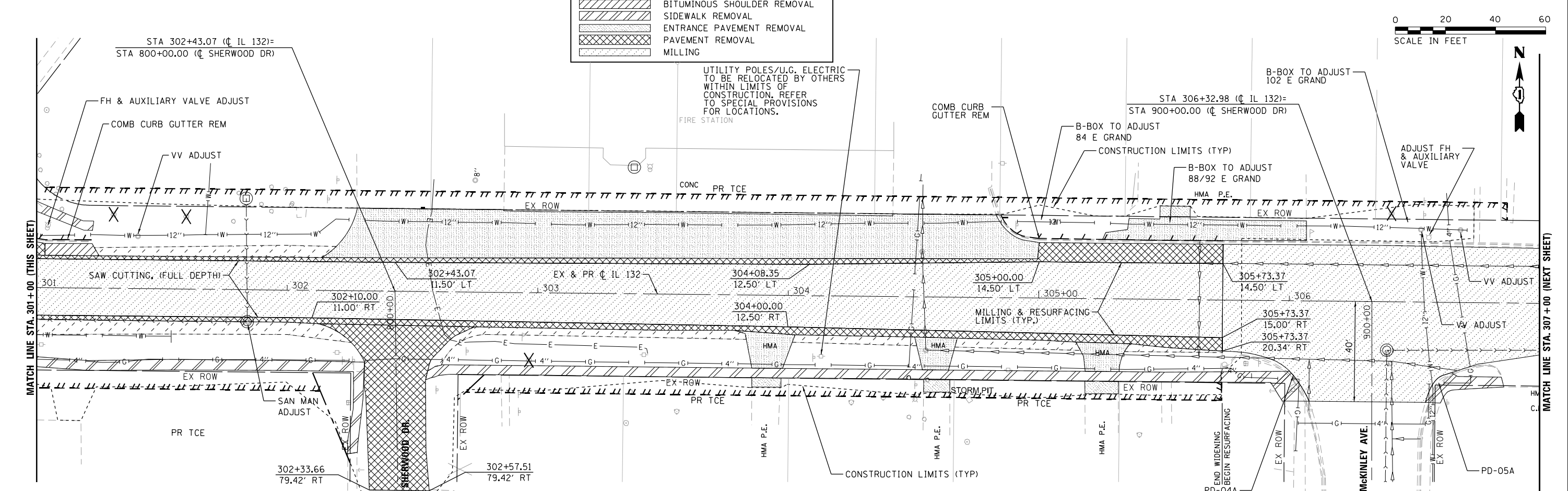
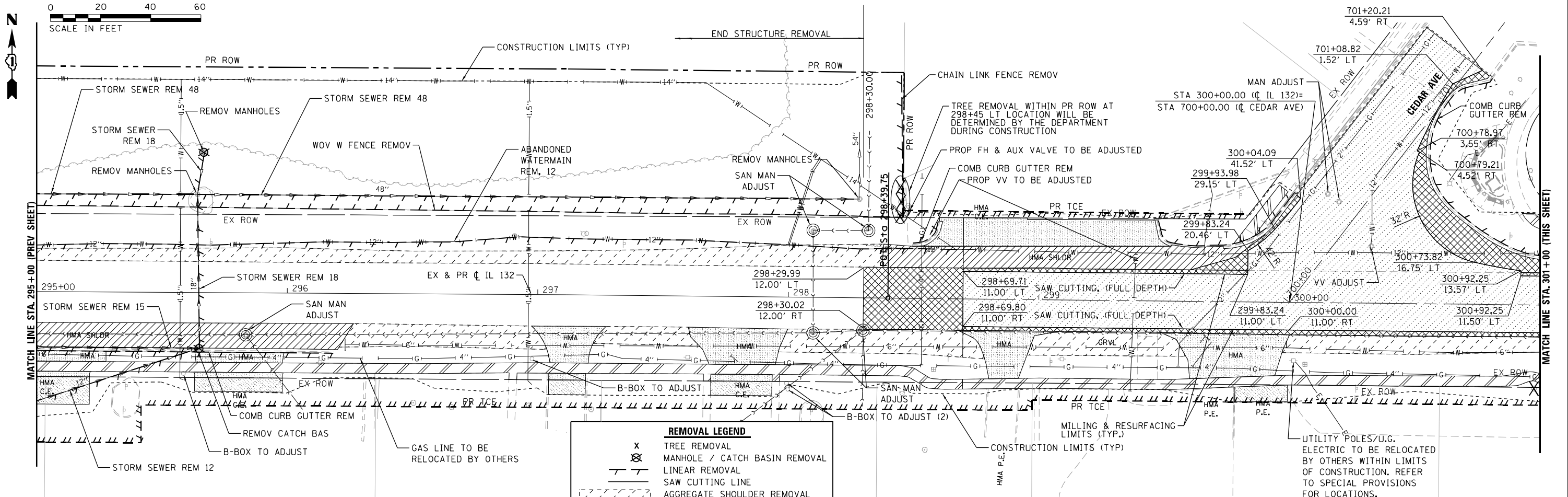
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| PLOT DATE = 11/28/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE - 11/28/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
EXISTING CONDITIONS AND REMOVALS**

SCALE: 1" = 20'    SHEET 1 OF 3 SHEETS    STA. 283+50.00 TO STA. 295+00.00

|                    |                   |             |                  |                           |
|--------------------|-------------------|-------------|------------------|---------------------------|
| F.A.P. RTE. 541    | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 22              |
| CONTRACT NO. 62A53 |                   |             |                  | ILLINOIS FED. AID PROJECT |



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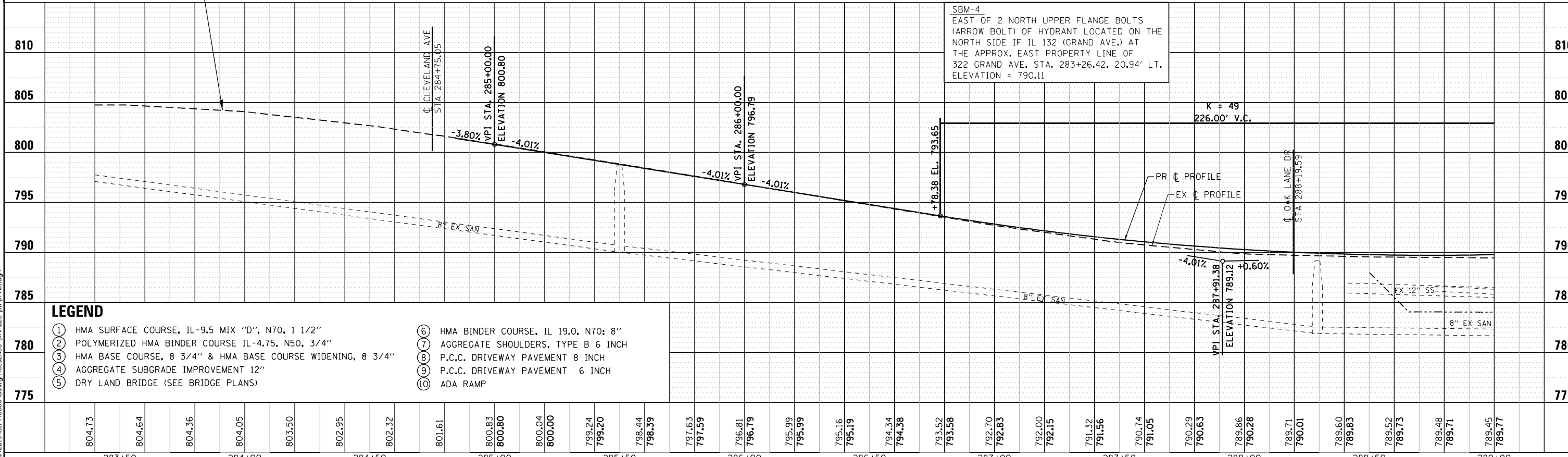
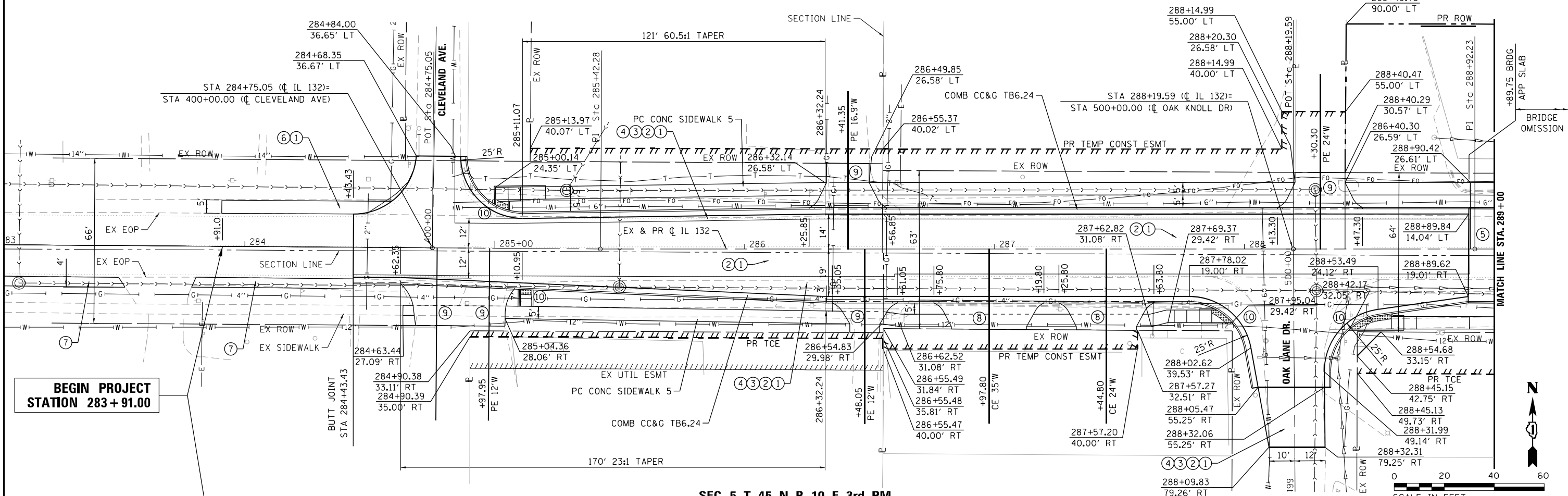
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| PLOT SCALE = 40.0000' / in. | DATE - 11/29/2022 | REVISED - |
| PLOT DATE = 11/29/2022      |                   |           |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

|   |                     |                                  |
|---|---------------------|----------------------------------|
| <b>IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE</b><br><b>EXISTING CONDITIONS AND REMOVALS</b> |                     |                                  |
| SCALE: 1" = 20'   | SHEET 2 OF 3 SHEETS | STA. 295+00.00 TO STA. 307+00.00 |

|                           |                   |             |                  |              |
|---------------------------|-------------------|-------------|------------------|--------------|
| F.A.P. RTE. 541           | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 23 |
| CONTRACT NO. 62A53        |                   |             |                  |              |
| ILLINOIS FED. AID PROJECT |                   |             |                  |              |





**LEGEND**

|  |                                       |
|--|---------------------------------------|
| ① HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 1/2"            | ⑥ HMA BINDER COURSE, IL 19.0, N70; 8" |
| ② POLYMERIZED HMA BINDER COURSE IL-4.75, N50, 3/4"           | ⑦ AGGREGATE SHOULDERS, TYPE B 6 INCH  |
| ③ HMA BASE COURSE, 8 3/4" & HMA BASE COURSE WIDENING, 8 3/4" | ⑧ P.C.C. DRIVEWAY PAVEMENT 8 INCH     |
| ④ AGGREGATE SUBGRADE IMPROVEMENT 12"                         | ⑨ P.C.C. DRIVEWAY PAVEMENT 6 INCH     |
| ⑤ DRY LAND BRIDGE (SEE BRIDGE PLANS)                         | ⑩ ADA RAMP                            |

|        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 804.73 | 804.64 | 804.36 | 804.05 | 803.50 | 802.95 | 802.32 | 801.61 | 800.83 | 800.80 | 800.04 | 800.00 | 799.24 | 799.20 | 798.44 | 798.39 | 797.63 | 797.59 | 796.81 | 796.79 | 795.99 | 795.99 | 795.16 | 795.19 | 794.34 | 794.38 | 793.52 | 793.58 | 792.70 | 792.83 | 792.00 | 792.15 | 791.32 | 791.56 | 790.74 | 791.05 | 790.29 | 790.63 | 789.86 | 790.28 | 789.71 | 790.01 | 789.60 | 789.83 | 789.52 | 789.73 | 789.48 | 789.71 | 789.45 | 789.77 |
| 283+50 | 284+00 | 284+50 | 285+00 | 285+50 | 286+00 | 286+50 | 287+00 | 287+50 | 288+00 | 288+50 | 289+00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

PLAN

|               |  |
|---------------|--|
| DATE          |  |
| BY            |  |
| SURVEYED      |  |
| PLOTTED       |  |
| ALIGNED       |  |
| CHECKED       |  |
| DESIGNED      |  |
| NO. FILE NAME |  |

PROFILE

|                   |  |
|-------------------|--|
| DATE              |  |
| BY                |  |
| SURVEYED          |  |
| PLOTTED           |  |
| GRADES CHECKED    |  |
| STRUCTURE         |  |
| NOTATIONS CHECKED |  |
| NO. FILE NAME     |  |



|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/18/2022      | DATE = 10/18/2022 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

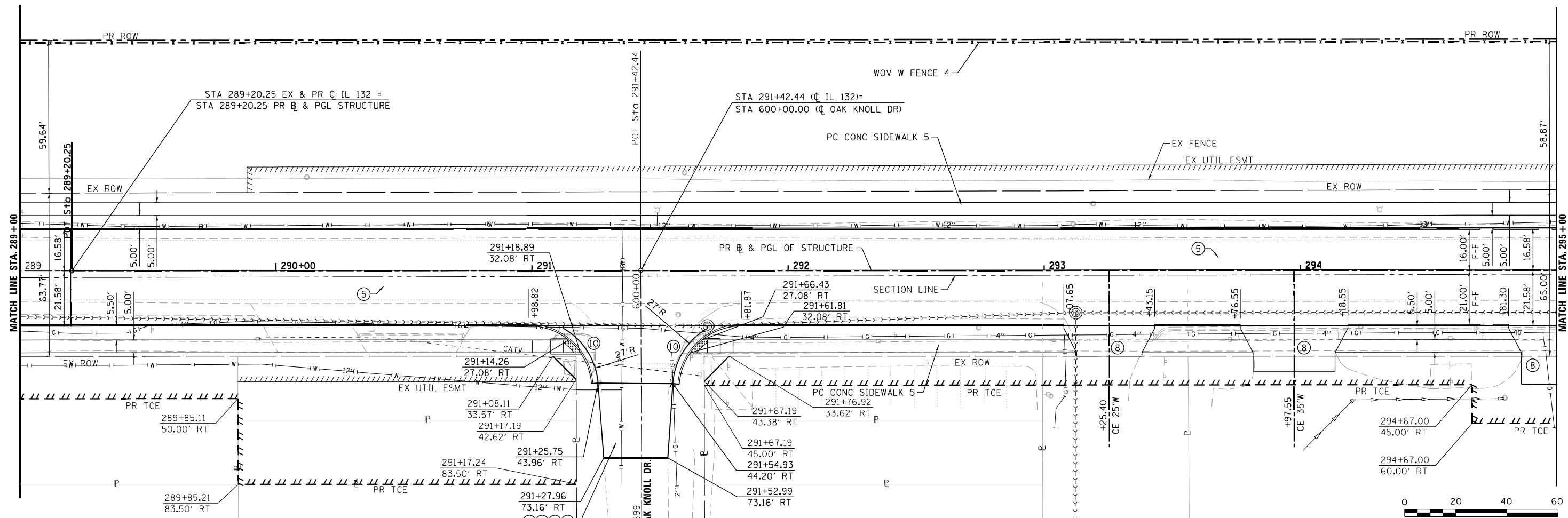
IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
ROADWAY PLAN AND PROFILE  
SCALE: 1" = 20' SHEET 1 OF 6 SHEETS STA. 283+50.00 TO STA. 289+00.00

|                           |                   |             |                  |              |
|---------------------------|-------------------|-------------|------------------|--------------|
| F.A.P. RTE. 541           | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 25 |
| CONTRACT NO. 62A53        |                   |             |                  |              |
| ILLINOIS FED. AID PROJECT |                   |             |                  |              |



|      |          |      |
|------|----------|------|
| PLAN | SURVEYED | DATE |
|      | PLOTTED  |      |
|      | ALIGNED  |      |
|      | CHECKED  |      |
|      | DESIGNED |      |
|      | BY       |      |
|      | NO.      |      |

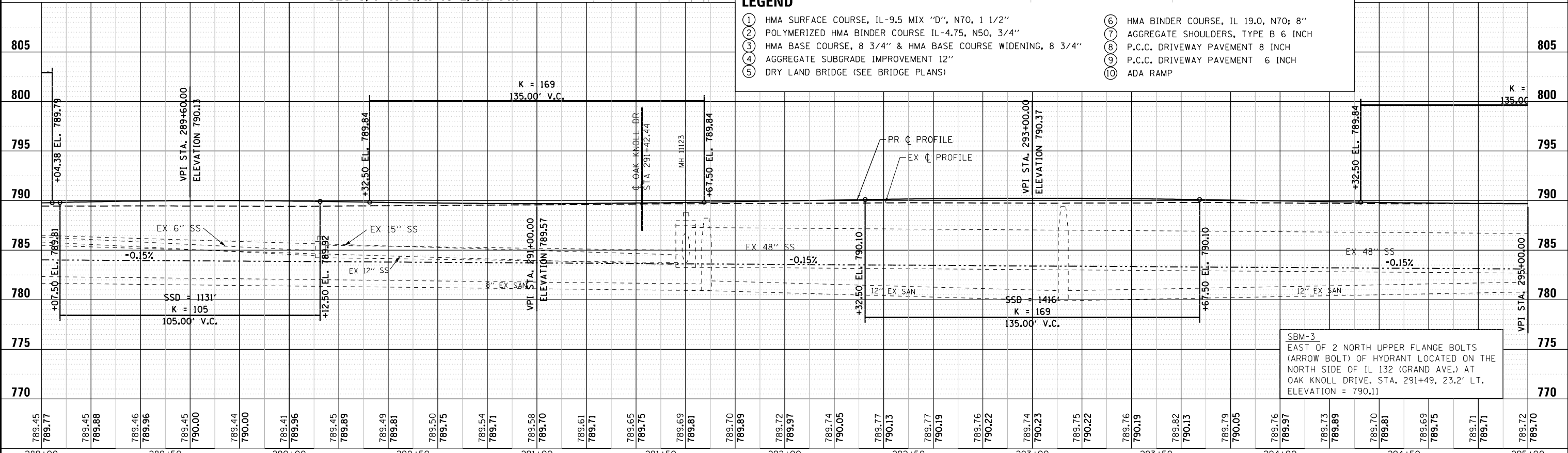
|         |           |      |
|---------|-----------|------|
| PROFILE | SURVEYED  | DATE |
|         | PLOTTED   |      |
|         | GRADES    |      |
|         | CHECKED   |      |
|         | STRUCTURE |      |
|         | NOTATIONS |      |
|         | BY        |      |
|         | NO.       |      |



SEC 5, T 45 N, R 10 E, 3rd PM

**LEGEND**

- ① HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 1/2"
- ② POLYMERIZED HMA BINDER COURSE IL-4.75, N50, 3/4"
- ③ HMA BASE COURSE, 8 3/4" & HMA BASE COURSE WIDENING, 8 3/4"
- ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑤ DRY LAND BRIDGE (SEE BRIDGE PLANS)
- ⑥ HMA BINDER COURSE, IL 19.0, N70; 8"
- ⑦ AGGREGATE SHOULDERS, TYPE B 6 INCH
- ⑧ P.C.C. DRIVEWAY PAVEMENT 8 INCH
- ⑨ P.C.C. DRIVEWAY PAVEMENT 6 INCH
- ⑩ ADA RAMP



|        |        |        |        |        |        |        |        |        |        |        |        |        |                     |        |                |           |             |        |           |               |        |           |                   |        |           |                  |        |         |        |        |                |                   |                 |        |                   |             |                  |              |                    |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------|--------|----------------|-----------|-------------|--------|-----------|---------------|--------|-----------|-------------------|--------|-----------|------------------|--------|---------|--------|--------|----------------|-------------------|-----------------|--------|-------------------|-------------|------------------|--------------|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 789.45 | 789.77 | 789.45 | 789.88 | 789.46 | 789.96 | 789.45 | 790.00 | 789.44 | 790.00 | 789.41 | 789.96 | 789.45 | 789.89              | 789.49 | 789.81         | 789.50    | 789.75      | 789.54 | 789.71    | 789.58        | 789.70 | 789.61    | 789.71            | 789.65 | 789.75    | 789.69           | 789.81 | 789.70  | 789.89 | 789.72 | 789.97         | 789.74            | 790.05          | 789.77 | 790.13            | 789.77      | 790.19           | 789.76       | 790.22             | 789.74 | 790.23 | 789.75 | 790.22 | 789.76 | 790.19 | 789.82 | 790.13 | 789.79 | 790.05 | 789.76 | 789.97 | 789.73 | 789.89 | 789.70 | 789.81 | 789.69 | 789.75 | 789.71 | 789.71 | 789.72 | 789.70 |
| 289+00 | 289+50 | 290+00 | 290+50 | 291+00 | 291+50 | 292+00 | 292+50 | 293+00 | 293+50 | 294+00 | 294+50 | 295+00 | USER NAME = I00TCA0 |        | DESIGNED - MBJ | REVISED - | DRAWN - MBJ |        | REVISED - | CHECKED - TPP |        | REVISED - | DATE - 10/18/2022 |        | REVISED - | SCALE = 1" = 20' |        | SHEET 2 | OF 6   | SHEETS | STA. 289+00.00 | TO STA. 295+00.00 | F.A.P. RTE. 541 |        | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 26 | CONTRACT NO. 62A53 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

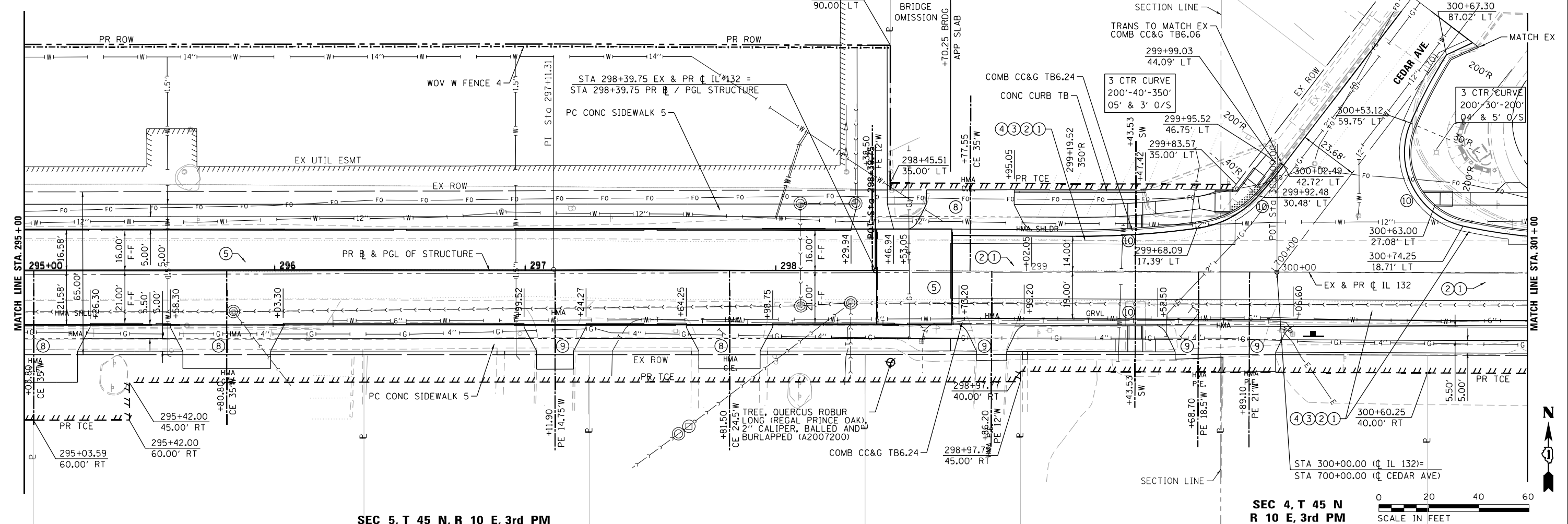
IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
ROADWAY PLAN AND PROFILE

ILLINOIS FED. AID PROJECT

SEC 32, T 46 N, R 10 E, 3rd PM

SEC 33, T 46 N, R 10 E, 3rd PM

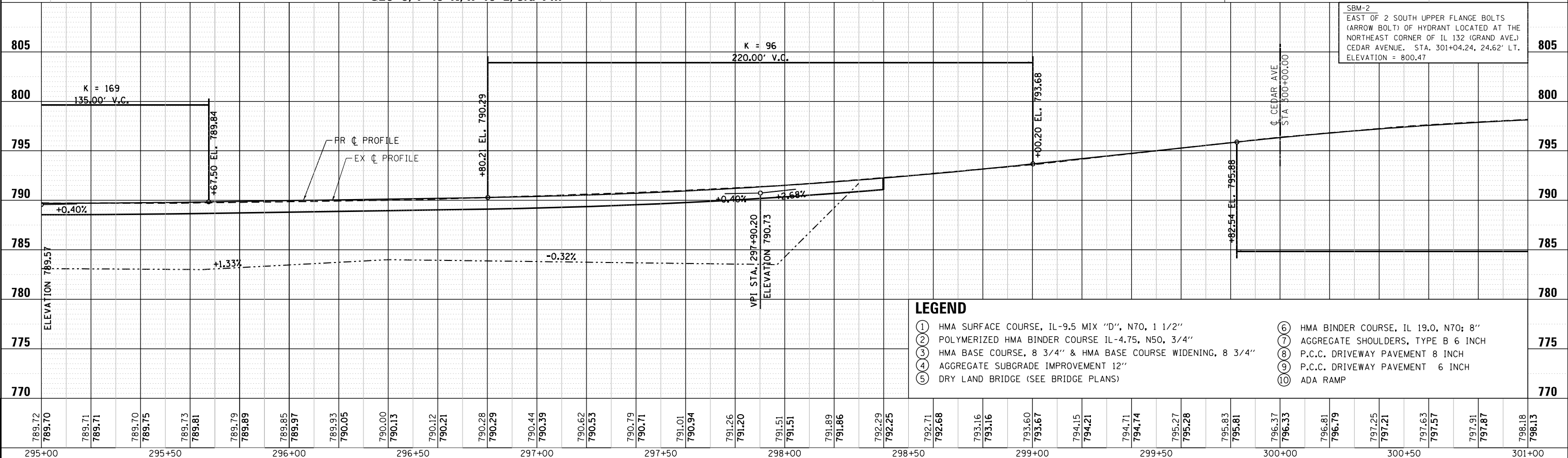
|      |          |    |      |
|------|----------|----|------|
| PLAN | SURVEYED | BY | DATE |
|      | PLOTTED  |    |      |
|      | ALIGNED  |    |      |
|      | CHECKED  |    |      |
|      | FILED    |    |      |
|      | NO.      |    |      |



SEC 5, T 45 N, R 10 E, 3rd PM

SEC 4, T 45 N  
R 10 E, 3rd PM

|         |           |    |      |
|---------|-----------|----|------|
| PROFILE | SURVEYED  | BY | DATE |
|         | PLOTTED   |    |      |
|         | GRADES    |    |      |
|         | CHECKED   |    |      |
|         | STRUCTURE |    |      |
|         | NOTATIONS |    |      |
|         | CHKD      |    |      |
|         | NO.       |    |      |



**LEGEND**

- ① HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 1/2"
- ② POLYMERIZED HMA BINDER COURSE IL-4.75, N50, 3/4"
- ③ HMA BASE COURSE, 8 3/4" & HMA BASE COURSE WIDENING, 8 3/4"
- ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑤ DRY LAND BRIDGE (SEE BRIDGE PLANS)
- ⑥ HMA BINDER COURSE, IL 19.0, N70; 8"
- ⑦ AGGREGATE SHOULDERS, TYPE B 6 INCH
- ⑧ P.C.C. DRIVEWAY PAVEMENT 8 INCH
- ⑨ P.C.C. DRIVEWAY PAVEMENT 6 INCH
- ⑩ ADA RAMP

|        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 789.72 | 789.70 | 789.71 | 789.71 | 789.70 | 789.75 | 789.73 | 789.81 | 789.79 | 789.89 | 789.85 | 789.97 | 789.93 | 790.05 | 790.00 | 790.13 | 790.12 | 790.21 | 790.28 | 790.29 | 790.44 | 790.39 | 790.62 | 790.53 | 790.79 | 790.71 | 791.01 | 790.94 | 791.26 | 791.20 | 791.51 | 791.51 | 791.89 | 791.86 | 792.29 | 792.25 | 792.71 | 792.68 | 793.16 | 793.16 | 793.60 | 793.67 | 794.15 | 794.21 | 794.71 | 794.74 | 795.27 | 795.28 | 795.83 | 795.81 | 796.37 | 796.33 | 796.81 | 796.79 | 797.25 | 797.21 | 797.63 | 797.57 | 797.91 | 797.87 | 798.18 | 798.13 |
| 295+00 | 295+50 | 296+00 | 296+50 | 297+00 | 297+50 | 298+00 | 298+50 | 299+00 | 299+50 | 300+00 | 300+50 | 301+00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        | 301+00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |



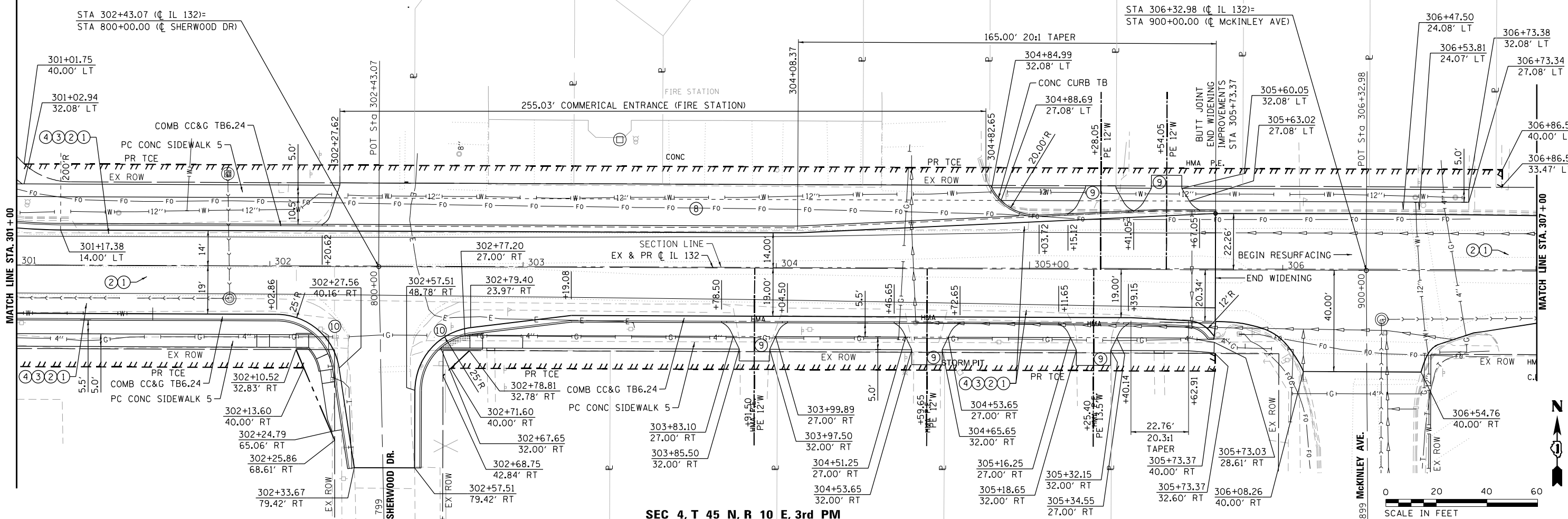
|                             |                  |           |
|-----------------------------|------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MBJ   | REVISED - |
|                             | DRAWN - MBJ      | REVISED - |
| PLOT SCALE = 40.0000' / IN. | CHECKED - TPP    | REVISED - |
| PLOT DATE = 12/1/2022       | DATE - 12/1/2022 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
ROADWAY PLAN AND PROFILE  
SCALE: 1" = 20' SHEET 3 OF 6 SHEETS STA. 295+00.00 TO STA. 301+00.00

|                    |                   |             |                  |                           |
|--------------------|-------------------|-------------|------------------|---------------------------|
| F.A.P. RTE. 541    | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 27              |
| CONTRACT NO. 62A53 |                   |             |                  | ILLINOIS FED. AID PROJECT |

SEC 33, T 46 N, R 10 E, 3rd PM



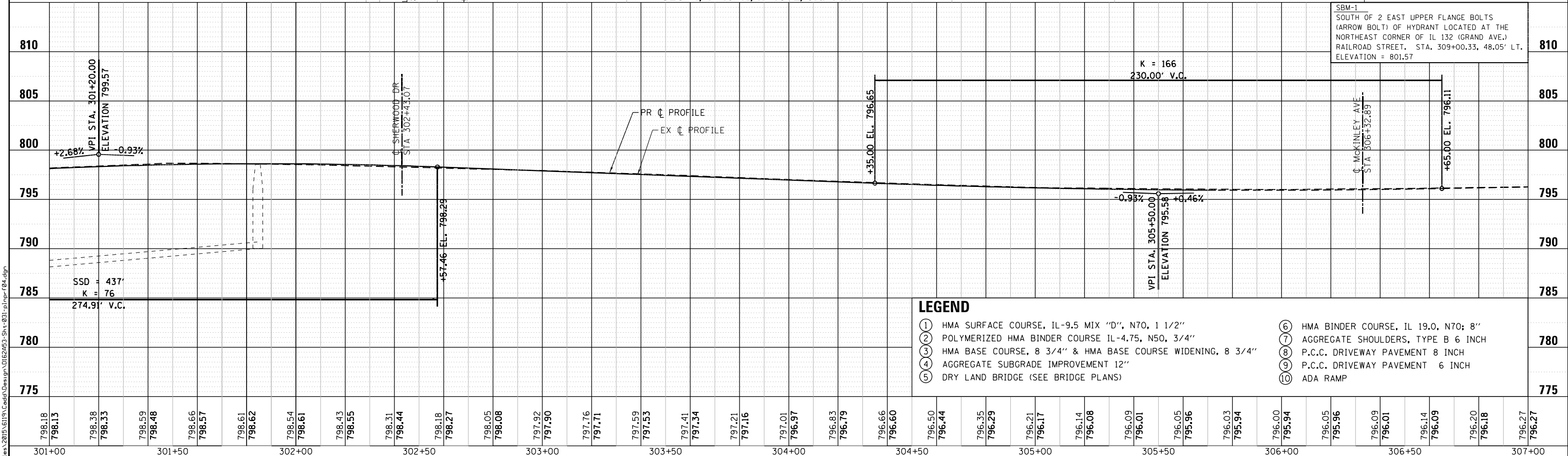
SEC 4, T 45 N, R 10 E, 3rd PM

|      |          |
|------|----------|
| DATE |          |
| BY   |          |
| PLAN | SURVEYED |
|      | NOTED    |
|      | PLOTTED  |
|      | CHECKED  |
|      | ALIGNED  |
|      | DESIGNED |
|      | FILED    |
|      | NO.      |

|         |           |
|---------|-----------|
| DATE    |           |
| BY      |           |
| PROFILE | SURVEYED  |
|         | NOTED     |
|         | PLOTTED   |
|         | CHECKED   |
|         | GRADES    |
|         | STRUCTURE |
|         | NOTATIONS |
|         | CHKD      |
|         | NO.       |

SBM-1  
SOUTH OF 2 EAST UPPER FLANGE BOLTS  
(ARROW BOLT) OF HYDRANT LOCATED AT THE  
NORTHEAST CORNER OF IL 132 (GRAND AVE.)  
RAILROAD STREET. STA. 309+00.33, 48.05' LT.  
ELEVATION = 801.57

- LEGEND**
- ① HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 1/2"
  - ② POLYMERIZED HMA BINDER COURSE IL-4.75, N50, 3/4"
  - ③ HMA BASE COURSE, 8 3/4" & HMA BASE COURSE WIDENING, 8 3/4"
  - ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ⑤ DRY LAND BRIDGE (SEE BRIDGE PLANS)
  - ⑥ HMA BINDER COURSE, IL 19.0, N70; 8"
  - ⑦ AGGREGATE SHOULDERS, TYPE B 6 INCH
  - ⑧ P.C.C. DRIVEWAY PAVEMENT 8 INCH
  - ⑨ P.C.C. DRIVEWAY PAVEMENT 6 INCH
  - ⑩ ADA RAMP



|        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 798.18 | 798.13 | 798.38 | 798.33 | 798.59 | 798.48 | 798.66 | 798.57 | 798.61 | 798.62 | 798.54 | 798.61 | 798.43 | 798.55 | 798.31 | 798.44 | 798.18 | 798.27 | 798.05 | 798.08 | 797.92 | 797.90 | 797.76 | 797.71 | 797.59 | 797.53 | 797.41 | 797.34 | 797.21 | 797.16 | 797.01 | 796.97 | 796.83 | 796.79 | 796.66 | 796.60 | 796.50 | 796.44 | 796.35 | 796.29 | 796.21 | 796.17 | 796.14 | 796.08 | 796.09 | 796.01 | 796.05 | 795.96 | 796.03 | 795.94 | 796.00 | 795.94 | 796.05 | 795.96 | 796.09 | 796.01 | 796.14 | 796.09 | 796.20 | 796.18 | 796.27 | 796.27 |
| 301+00 |        | 301+50 |        | 302+00 |        | 302+50 |        | 303+00 |        | 303+50 |        | 304+00 |        | 304+50 |        | 305+00 |        | 305+50 |        | 306+00 |        | 306+50 |        | 307+00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |



|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 11/29/2022      | DATE = 11/29/2022 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
ROADWAY PLAN AND PROFILE  
SCALE: 1" = 20'  
SHEET 4 OF 6 SHEETS  
STA. 301+00.00 TO STA. 307+00.00

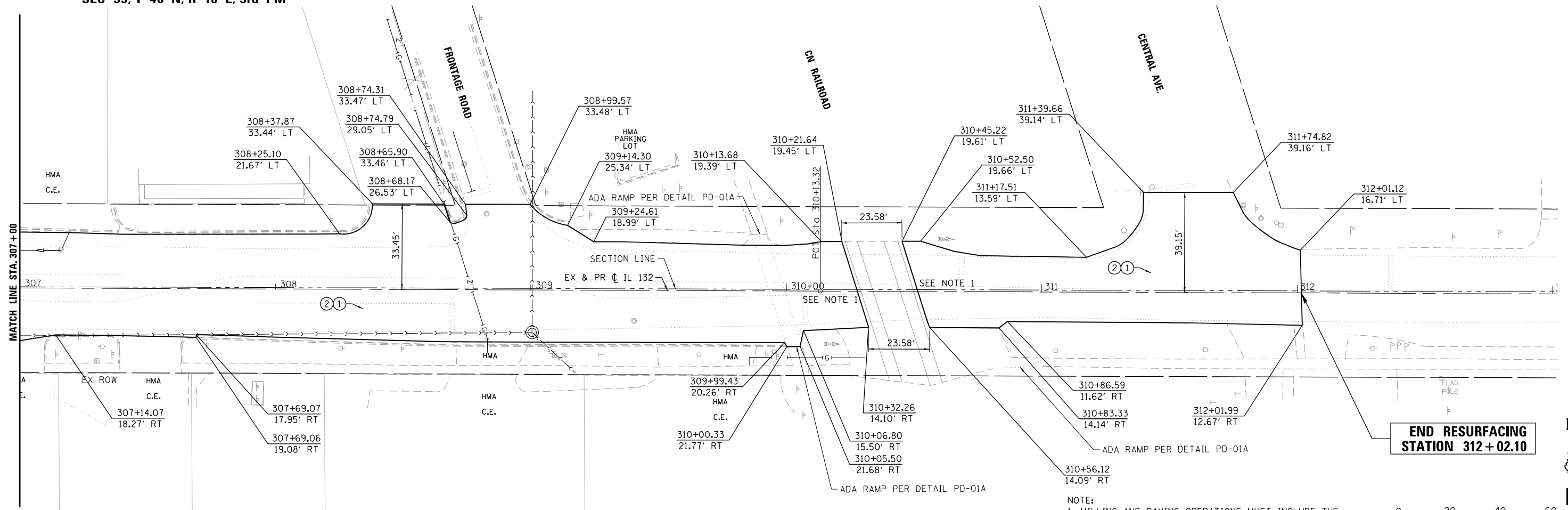
|                    |                   |             |                  |                           |
|--------------------|-------------------|-------------|------------------|---------------------------|
| F.A.P. RTE. 541    | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 28              |
| CONTRACT NO. 62A53 |                   |             |                  | ILLINOIS FED. AID PROJECT |

SEC 33, T 46 N, R 10 E, 3rd PM

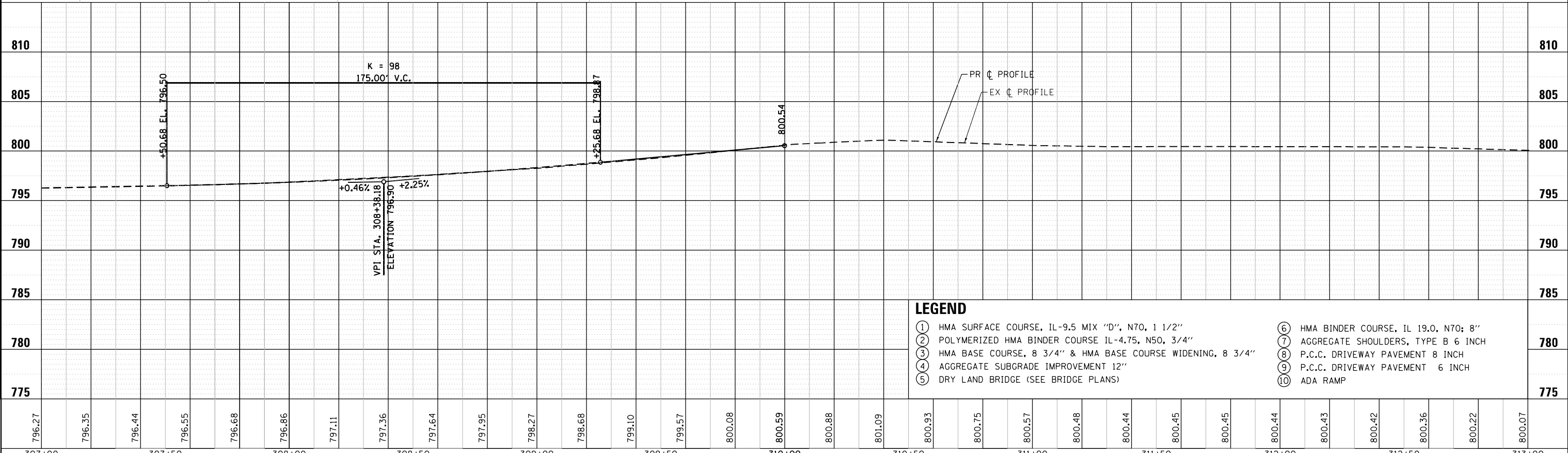
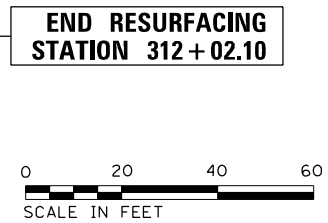
SEC 4, T 45 N, R 10 E, 3rd PM

|      |          |      |
|------|----------|------|
| PLAN | SURVEYED | DATE |
|      | PLOTTED  |      |
|      | ALIGNED  |      |
|      | CHECKED  |      |
|      | FILED    |      |
|      | NO.      |      |

|         |           |      |
|---------|-----------|------|
| PROFILE | SURVEYED  | DATE |
|         | PLOTTED   |      |
|         | GRADES    |      |
|         | CHECKED   |      |
|         | STRUCTURE |      |
|         | NOTATIONS |      |
|         | CHKD      |      |



NOTE:  
1. MILLING AND PAVING OPERATIONS MUST INCLUDE THE APPROACHES UP TO THE RAILROAD TRACK PANELS.



- LEGEND**
- ① HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 1/2"
  - ② POLYMERIZED HMA BINDER COURSE IL-4.75, N50, 3/4"
  - ③ HMA BASE COURSE, 8 3/4" & HMA BASE COURSE WIDENING, 8 3/4"
  - ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ⑤ DRY LAND BRIDGE (SEE BRIDGE PLANS)
  - ⑥ HMA BINDER COURSE, IL 19.0, N70; 8"
  - ⑦ AGGREGATE SHOULDERS, TYPE B 6 INCH
  - ⑧ P.C.C. DRIVEWAY PAVEMENT 8 INCH
  - ⑨ P.C.C. DRIVEWAY PAVEMENT 6 INCH
  - ⑩ ADA RAMP

|        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 796.27 | 796.35 | 796.44 | 796.55 | 796.68 | 796.86 | 797.11 | 797.36 | 797.64 | 797.95 | 798.27 | 798.68 | 799.10 | 799.57 | 800.08 | 800.59 | 800.88 | 801.09 | 800.93 | 800.75 | 800.57 | 800.48 | 800.44 | 800.45 | 800.45 | 800.44 | 800.43 | 800.42 | 800.36 | 800.22 | 800.07 |
| 307+00 | 307+50 | 308+00 | 308+50 | 309+00 | 309+50 | 310+00 | 310+50 | 311+00 | 311+50 | 312+00 | 312+50 | 313+00 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |



|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/20/2022      | DATE = 10/20/2022 | REVISED - |

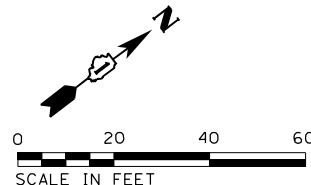
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
ROADWAY PLAN AND PROFILE  
SCALE: 1" = 20' SHEET 5 OF 6 SHEETS STA. 307+00.00 TO STA. 306+73.38

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 29        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

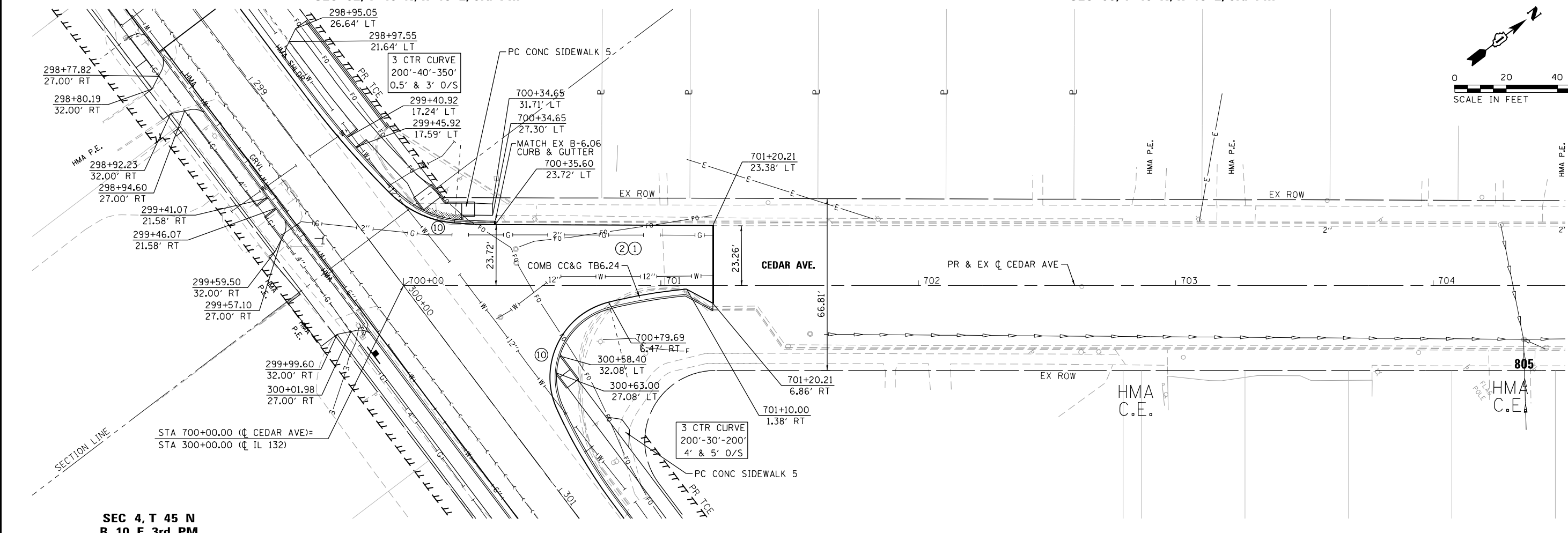
SEC 32, T 46 N, R 10 E, 3rd PM

SEC 33, T 46 N, R 10 E, 3rd PM

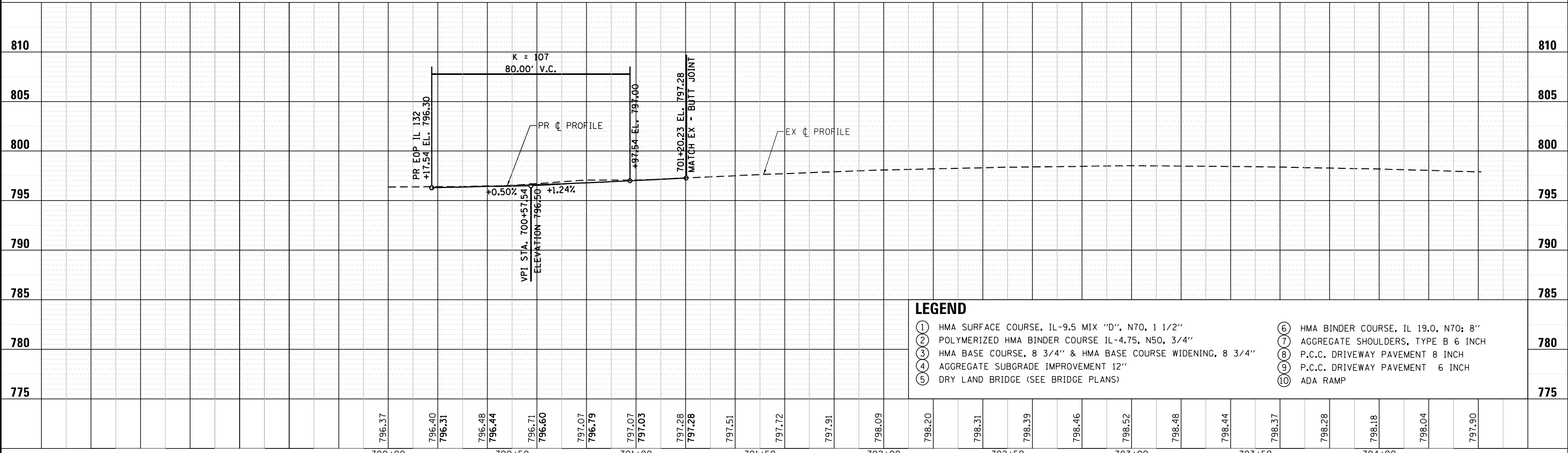


|      |           |      |
|------|-----------|------|
| PLAN | SURVEYED  | DATE |
|      | PLOTTED   |      |
|      | NOTE BOOK |      |
|      | CHECKED   |      |
|      | FILE NAME |      |
|      | NO.       |      |

|         |                             |      |
|---------|-----------------------------|------|
| PROFILE | SURVEYED                    | DATE |
|         | PLOTTED                     |      |
|         | GRADES CHECKED              |      |
|         | STRUCTURE NOTATIONS CHECKED |      |
|         | NO.                         |      |



SEC 4, T 45 N  
R 10 E, 3rd PM



**LEGEND**

|  |                                       |
|--|---------------------------------------|
| ① HMA SURFACE COURSE, IL-9.5 MIX "D", N70, 1 1/2"            | ⑥ HMA BINDER COURSE, IL 19.0, N70; 8" |
| ② POLYMERIZED HMA BINDER COURSE IL-4.75, N50, 3/4"           | ⑦ AGGREGATE SHOULDERS, TYPE B 6 INCH  |
| ③ HMA BASE COURSE, 8 3/4" & HMA BASE COURSE WIDENING, 8 3/4" | ⑧ P.C.C. DRIVEWAY PAVEMENT 8 INCH     |
| ④ AGGREGATE SUBGRADE IMPROVEMENT 12"                         | ⑨ P.C.C. DRIVEWAY PAVEMENT 6 INCH     |
| ⑤ DRY LAND BRIDGE (SEE BRIDGE PLANS)                         | ⑩ ADA RAMP                            |

|        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 796.37 | 796.40 | 796.31 | 796.48 | 796.44 | 796.71 | 796.60 | 797.07 | 796.79 | 797.07 | 797.03 | 797.28 | 797.28 | 797.51 | 797.72 | 797.91 | 798.09 | 798.20 | 798.31 | 798.39 | 798.46 | 798.52 | 798.48 | 798.44 | 798.37 | 798.28 | 798.18 | 798.04 | 797.90 |
| 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 | 700+00 |



|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/18/2022      | DATE = 10/18/2022 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|   |                     |                                  |
|---|---------------------|----------------------------------|
| IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE |                     |                                  |
| ROADWAY PLAN AND PROFILE                          |                     |                                  |
| SCALE: 1" = 20'                                   | SHEET 6 OF 6 SHEETS | STA. 700+00.00 TO STA. 701+20.21 |

|                           |                   |             |                  |              |
|---------------------------|-------------------|-------------|------------------|--------------|
| F.A.P. RTE. 541           | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 30 |
| CONTRACT NO. 62A53        |                   |             |                  |              |
| ILLINOIS FED. AID PROJECT |                   |             |                  |              |



**MAINTENANCE OF TRAFFIC GENERAL NOTES:**

1. THE PERMANENT TRAFFIC CONTROL DEPICTED HEREIN IS THE MINIMUM REQUIREMENT. ADDITIONAL TRAFFIC CONTROL DEVICES AS SPECIFIED IN THE HIGHWAY STANDARDS AS SHOWN IN THE INDEX OF SHEETS AND THE SPECIAL PROVISIONS SHALL BE PLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. ALL TRAFFIC CONTROL DEVICES SHALL BE CONSIDERED INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL) UNLESS OTHERWISE INDICATED WITHIN THESE GENERAL NOTES, PLANS OR SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN AND REMOVE ALL SIGNS AND SIGN SUPPORTS REQUIRED FOR TRAFFIC CONTROL AND PROTECTION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING LABOR, SIGNS AND TRAFFIC CONTROL DEVICES NECESSARY FOR THE MAINTENANCE OF TRAFFIC UNLESS NOTED OTHERWISE IN THE SPECIAL PROVISIONS.
4. THE CONTRACTOR SHALL PLACE CHANGEABLE MESSAGE SIGNS AT THE LOCATIONS SHOWN IN THE DETOUR PLAN TO INFORM MOTORISTS OF THE UPCOMING EB IL RTE. 132 ROAD CLOSURE A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF THE CLOSURE. ADDITIONAL INSTALLATIONS OF CHANGEABLE MESSAGE SIGNS MAY BE REQUIRED TO KEEP MOTORISTS INFORMED OF CONSTRUCTION ACTIVITIES. ALL MESSAGES SHALL BE APPROVED BY THE ENGINEER. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PRICE PER CALENDAR DAY FOR CHANGEABLE MESSAGE SIGN.
5. WORK ZONE SPEED LIMIT SHALL BE 30 MPH.
6. DRUMS OR TYPE II BARRICADES AND DIRECTIONAL BARRICADES SHALL BE PROVIDED AS SHOWN IN THE PLANS AND SPACED AT 50 FEET CENTER TO CENTER IN TANGENTS, 20 FEET CENTER TO CENTER IN TAPERS AND 10 FEET CENTER TO CENTER IN RADII THRU THE FULL LENGTH OF THE CONSTRUCTION WORK ZONE.
7. ALL ROAD CONSTRUCTION AHEAD SIGNS, ROAD CLOSED AHEAD SIGNS AND TYPE III BARRICADES SHALL BE EQUIPPED WITH MONO-DIRECTIONAL TYPE A AMBER FLASHING LIGHTS.
8. ALL EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COVERED OR REMOVED IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS.
9. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN.
10. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS, SPECIAL PROVISIONS, APPLICABLE STATE STANDARDS, AND AS DIRECTED BY THE ENGINEER. ANY CHANGES TO THE TRAFFIC CONTROL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO IMPLEMENTING ANY CHANGES.
11. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL PROMPTLY RESPOND AT THE TIME OF NOTIFICATION BY THE ENGINEER FOR THE MAINTENANCE OF TRAFFIC CONTROL DEVICES.
12. THE ENGINEER SHALL BE INFORMED A MINIMUM OF 48 HOURS IN ADVANCE OF ANY PROPOSED CHANGE TO THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN.
13. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER SEVEN (7) DAYS OF SERVICE SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. ALL MARKINGS THAT REQUIRE REPLACEMENT PRIOR TO SEVEN (7) DAYS OF SERVICE OR REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT THEIR EXPENSE.
14. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM THE TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3" X 6" DELINEATOR INSTALLED, COST OF THE DELINEATOR IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
15. TEMPORARY CONCRETE BARRIERS AND TEMPORARY IMPACT ATTENUATORS SHALL BE PLACED AS SHOWN IN THE PLANS. FURNISHING, INSTALLING AND RELOCATING TEMPORARY CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATORS SHALL BE IN ACCORDANCE WITH IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, STANDARD SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER.
16. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE PAVEMENT MARKING TAPE, TYPE IV USED FOR STAGING SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS "PAVEMENT MARKING REMOVAL - GRINDING" WITHIN THE PROJECT LIMITS AND "PAVEMENT MARKING REMOVAL - WATER BLASTING" OUTSIDE THE PROJECT LIMITS.
17. IMMEDIATELY AFTER THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE ALL PERMANENT PAVEMENT MARKINGS, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES THAT WERE COVERED, REMOVED, DAMAGED OR OTHERWISE AFFECTED BY CONSTRUCTION.
18. THE CONTRACTOR SHALL MAINTAIN THE EXISTING PEDESTRIAN CROSSINGS AND WALKWAYS TO THE BEST OF THEIR ABILITY. ANY SIDEWALKS OR PATHS THAT NEED TO BE CLOSED SHALL BE CLOSED IN ACCORDANCE WITH HIGHWAY STANDARD 701801.
19. TEMPORARY SIDEWALK SHALL BE INSTALLED DURING PRE-STAGE AS SHOWN IN PLANS AND IN LOCATIONS SPECIFIED BY THE RESIDENT ENGINEER.
20. THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY DRAINAGE AND EROSION CONTROL PROTECTION DURING ALL PHASES OF CONSTRUCTION.
21. SIGNING FOR COMMERCIAL DRIVEWAYS SHALL FOLLOW DISTRICT 1 DETAIL TC-26.
22. "CAUTION NEW LANES - STOP HERE" SIGNS SHALL BE INSTALLED ON THE SIDE OF IL 132 WHERE TRAFFIC IS MOVED CLOSER TO THE EDGE OF PAVEMENT. THE SIGNS SHALL REMAIN FOR THE INITIAL TWO WEEK PERIOD OF THE TRAFFIC PATTERN CHANGE. STAGE I AND POST STAGE II: CLEVELAND AVE. AND CEDAR AVE. STAGE II: OAK LANE DR., OAK KNOLL DR., SHERWOOD DR. AND MCKINLEY AVE.
23. THE CONTRACTOR SHOULD MAINTAIN SATISFACTORY INGRESS AND EGRESS TO ADJACENT PROPERTIES THROUGHOUT THE CONSTRUCTION. THIS MAY REQUIRE ADDITIONAL TEMPORARY DRIVEWAYS STAGING.
25. THE CONTRACTOR SHOULD INSTALL THE TEMPORARY SIDEWALK ADA RAMPS TO CURRENT IDOT ADA REQUIREMENTS, APPLICABLE HIGHWAY STANDARDS AND PD STANDARDS (PD 01- PD 06) AND AS DIRECTED BY THE ENGINEER.

**SUGGESTED SEQUENCE OF CONSTRUCTION AND MAINTENANCE OF TRAFFIC**

THE FOLLOWING SEQUENCE OF CONSTRUCTION AND MAINTENANCE OF TRAFFIC IS SUGGESTED. VARIATIONS MAY BE MADE WITH THE PRIOR APPROVAL OF THE ENGINEER.

FOR EACH STAGE OF CONSTRUCTION, PROVIDE TRAFFIC CONTROL AS SHOWN ON THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS. COORDINATE INSTALLATION OF TEMPORARY PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES WITH THE EXISTING TRAFFIC PATTERNS AT THE ENDS OF THE PROJECT.

THE IMPROVEMENTS WILL BE CONSTRUCTED AS PER PLANS AND AS PER IDOT HIGHWAY STANDARDS 701006, 701011, 701301, 701311, 701501, 701502, 701701, 701801, 701901 AND DISTRICT ONE STANDARDS TC-10, TC-11, TC-13, TC-16, TC-21, TC-22, TC-26.

SEQUENCE OF CONSTRUCTION:

PRE-STAGE I:

TRAFFIC: USE DAILY LANE CLOSURES DURING ALLOWABLE HOURS ONLY AS SPECIFIED IN THE SPECIAL PROVISION "KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC".

CONSTRUCTION: - INSTALL AND MAINTAIN THE EROSION CONTROL DEVICES PER THE EROSION CONTROL PLANS.  
- CONSTRUCT THE TEMPORARY SIDEWALK AND TEMPORARY WIDENING AND PAVEMENT REQUIRED FOR STAGE I CONSTRUCTION.

STAGE I, 1A, 1B AND 1C:

DETOUR: ESTABLISH DETOUR AS SHOWN IN THESE PLANS. THIS DETOUR WILL ROUTE EASTBOUND IL 132 TRAFFIC AS SHOWN.

TRAFFIC: - MOT IN CONJUNCTION WITH THE DETOUR PROVIDES A WORK ZONE ALONG THE SOUTH SIDE OF IL 132.  
- WESTBOUND TRAFFIC WILL BE TRAVELLING ON THE NORTH SIDE OF IL 132.  
- MAINTAIN ACCESS AT ALL TIMES TO ALL PROPERTIES AND SIDE ROADS ALONG THE SOUTH SIDE OF IL 132.  
- CONSTRUCT TEMPORARY ACCESS TO OAK KNOLL AS NEEDED AND AS SHOWN IN PLANS FOR STAGE 1A.  
- CONSTRUCT TEMPORARY ACCESS TO RESIDENTIAL ENTRANCES AS NEEDED AND AS SHOWN IN PLANS FOR STAGE 1B (UNIT B) AND STAGE 1C (UNIT 7).

CONSTRUCTION: - INSTALL AND MAINTAIN THE EROSION CONTROL DEVICES PER THE EROSION CONTROL PLANS.  
- CONSTRUCT THE EASTBOUND AND CENTER LANES OF IL 132 INCLUDING THE LAND BRIDGE. STAGE LAND BRIDGE AND ROADWAY CONSTRUCTION TO MAINTAIN ADJACENT ACCESS AT ALL TIMES.  
- CONSTRUCT ALL IMPROVEMENTS SOUTH OF THE STAGE CONSTRUCTION LINE EXCLUSIVE OF THE HMA BINDER TOP COURSE AND HMA SURFACE COURSE; AND COMBINATION CONCRETE CURB AND GUTTER, PCC SIDEWALK, AND DRIVEWAYS WEST OF RT STA 286+32.  
- CONSTRUCT THE TEMPORARY WIDENING AND PAVEMENT REQUIRED FOR STAGE II CONSTRUCTION.

STAGE II

TRAFFIC: - MOT PROVIDES A WORK ZONE ALONG THE NORTH SIDE OF IL 132.  
- EASTBOUND/WESTBOUND TRAFFIC WILL TRAVEL ON THE PORTION OF IL 132 CONSTRUCTED DURING STAGE I.  
- MAINTAIN ACCESS AT ALL TIMES TO ALL PROPERTIES AND SIDE ROADS ALONG THE NORTH SIDE OF IL 132.

CONSTRUCTION: - INSTALL AND MAINTAIN THE EROSION CONTROL DEVICES PER THE EROSION CONTROL PLANS.  
- CONSTRUCT THE WESTBOUND LANE OF IL 132 INCLUDING THE LAND BRIDGE. STAGE LAND BRIDGE AND ROADWAY CONSTRUCTION TO MAINTAIN ADJACENT ACCESS AT ALL TIMES.  
- CONSTRUCT ALL IMPROVEMENTS NORTH OF THE STAGE CONSTRUCTION LINE EXCLUSIVE OF THE HMA BINDER TOP COURSE AND HMA SURFACE COURSE.

POST STAGE II

TRAFFIC: USE DAILY LANE CLOSURES DURING ALLOWABLE HOURS ONLY AS SPECIFIED IN THE SPECIAL PROVISION "KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC".

CONSTRUCTION: - INSTALL AND MAINTAIN THE EROSION CONTROL DEVICES PER THE EROSION CONTROL PLANS.  
- REMOVE ANY REMAINING TEMPORARY WIDENING/PAVEMENT(S). GAP REMOVAL FOR DRIVEWAY AT RT STA 283+67 and 284+47.  
- COMPLETE THE SOUTH SIDE COMBINATION CONCRETE CURB AND GUTTER (RT STA 284+60 TO RT STA 286+32).  
- COMPLETE PCC SIDEWALK FROM RT STA 284+50 TO RT STA 286+25.  
- COMPLETE DRIVEWAYS AT RT STA 284+76 AND RT STA 284+98.  
- COMPLETE ANY UNFINISHED LANDSCAPING.  
- MILL AND RESURFACE THE HMA PAVEMENT OUTSIDE THE LIMITS OF THE LAND BRIDGE.  
- PLACE THE PERMANENT PAVEMENT MARKINGS.

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|                             |                   |           |
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| PLOT SCALE = 2,0000' / 1" = | DRAWN - TGM       | REVISED - |
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|                             | DATE - 10/07/2022 | REVISED - |

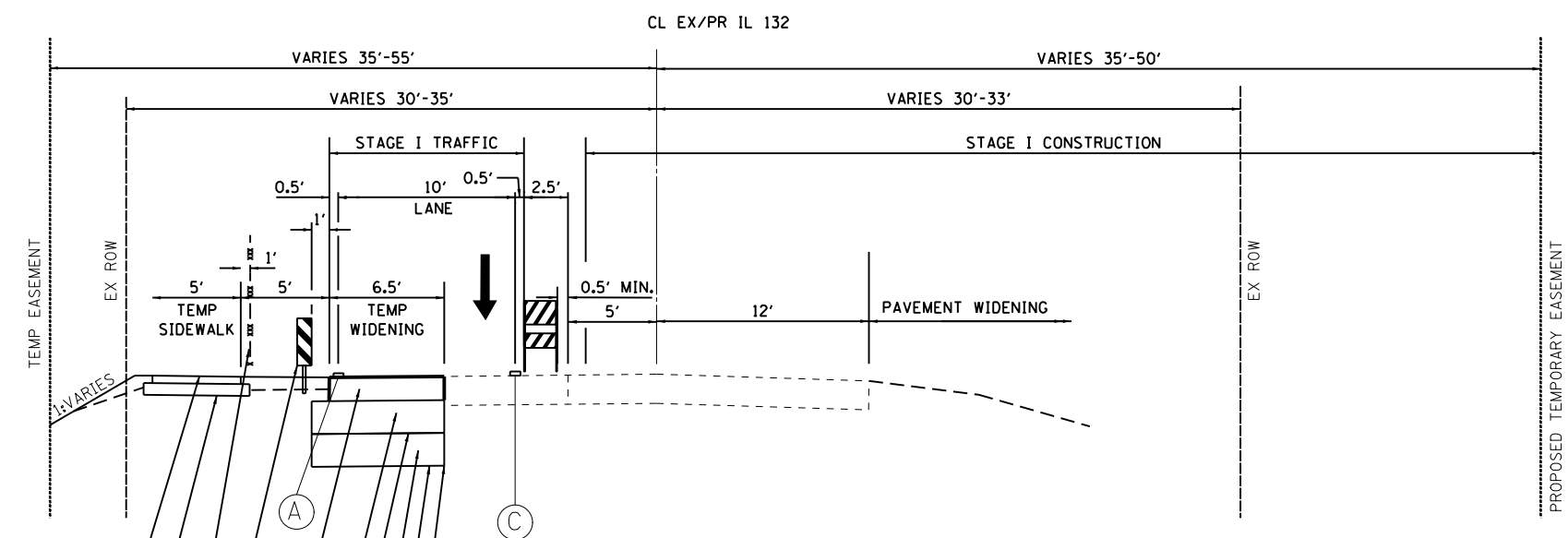
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.  
MAINTENANCE OF TRAFFIC - GENERAL NOTES**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

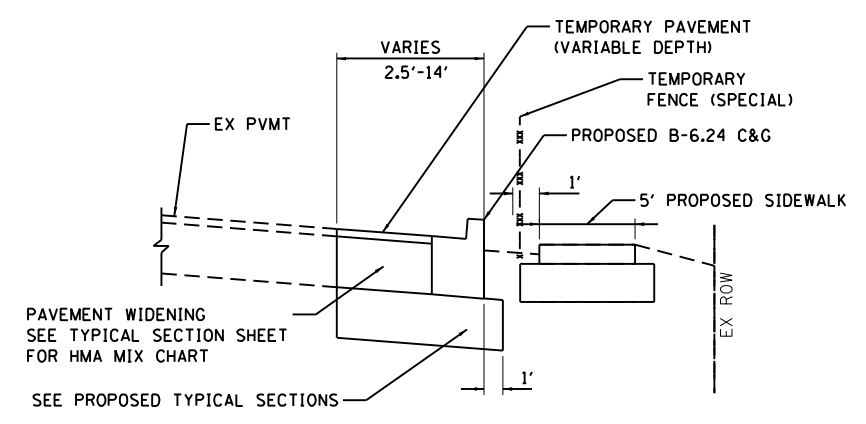
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| F.A.P. RTE.        | SECTION   | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 541                | WR(2)-R-1 | LAKE   | 164                       | 31        |
| CONTRACT NO. 62A53 |           |        | ILLINOIS FED. AID PROJECT |           |

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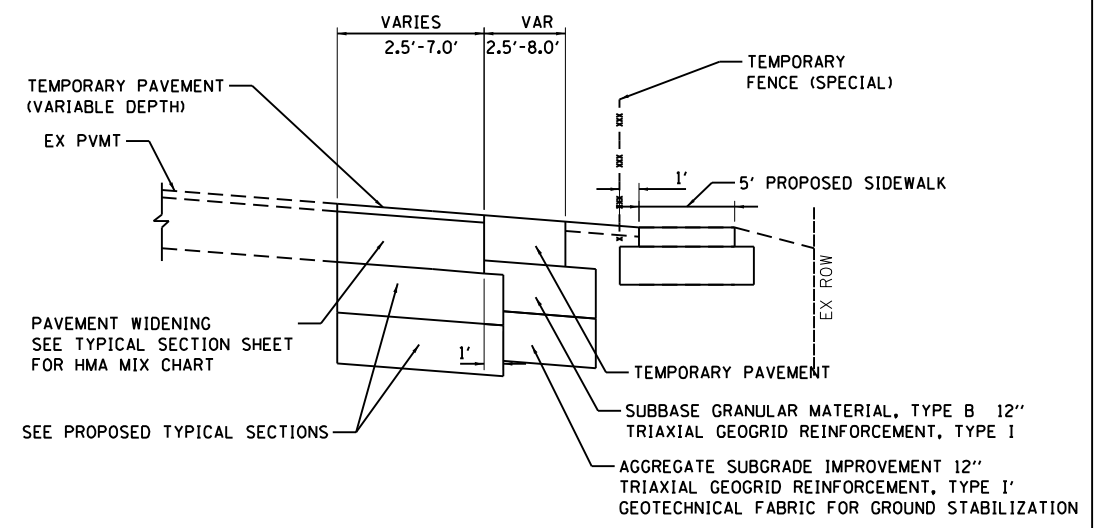


**IL ROUTE 132 – STAGE I**  
(ROADWAY)  
STA 284+94 TO STA 288+50  
STA 298+95 TO STA 299+52  
STA 301+22 TO STA 305+00

- TEMPORARY SIDEWALK
- SUBBASE GRANULAR MATERIAL, TYPE B 6"
- TEMPORARY FENCE (SPECIAL)
- VERTICAL PANEL SPACED 50' C-C
- TEMPORARY PAVEMENT
- SUBBASE GRANULAR MATERIAL, TYPE B 12"
- TRIAxIAL GEOGRID REINFORCEMENT, TYPE I
- AGGREGATE SUBGRADE IMPROVEMENT 12"
- TRIAxIAL GEOGRID REINFORCEMENT, TYPE I
- GEOTECHNICAL FABRIC FOR GROUND STABILIZATION



**IL ROUTE 132 – STAGE II**  
**TEMPORARY PAVEMENT –(VARIABLE DEPTH)**  
STA 286+32 TO STA 288+04  
STA 288+32 TO STA 288+90  
STA 298+70 TO STA 302+31  
STA 302+55 TO STA 305+73

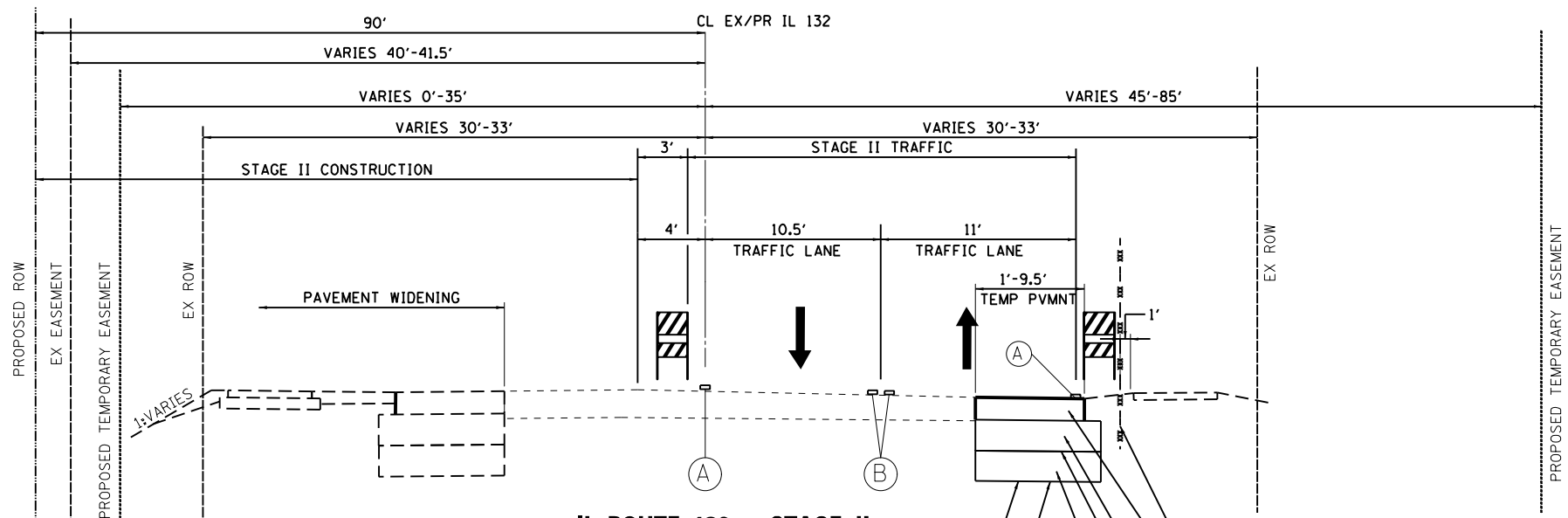


**IL ROUTE 132 – STAGE II**  
**TEMPORARY PAVEMENT –(VARIABLE DEPTH)**  
**AND TEMPORARY PAVEMENT**  
STA 285+08 TO STA 286+32

NOTE:  
REMOVE THE TEMPORARY PAVEMENT (VARIABLE DEPTH)  
AS PART OF THE HMA SURFACE REMOVAL, 2 1/4" OPERATION.

**LEGEND**

- (A) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)
- (B) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11" C-C)
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)
- [Hatched Box] DRUMS OR TYPE II BARRICADES
- [Dashed Line] TEMPORARY PAVEMENT MARKING LINE
- [Barrier Wall] TEMPORARY CONCRETE BARRIER WALL WITH BARRIER WALL REFLECTORS, TYPE C SINGLE SIDE AMBER (STAGE I) AND DOUBLE SIDED CRYSTAL (STAGE II)
- [Arrow] DIRECTION OF TRAFFIC



**IL ROUTE 132 – STAGE II**  
(ROADWAY)  
STA 281+26 TO STA 286+32  
TEMPORARY FENCE (SPECIAL)  
TEMPORARY PAVEMENT  
SUBBASE GRANULAR MATERIAL, TYPE B 12"  
TRIAxIAL GEOGRID REINFORCEMENT, TYPE I  
AGGREGATE SUBGRADE IMPROVEMENT 12"



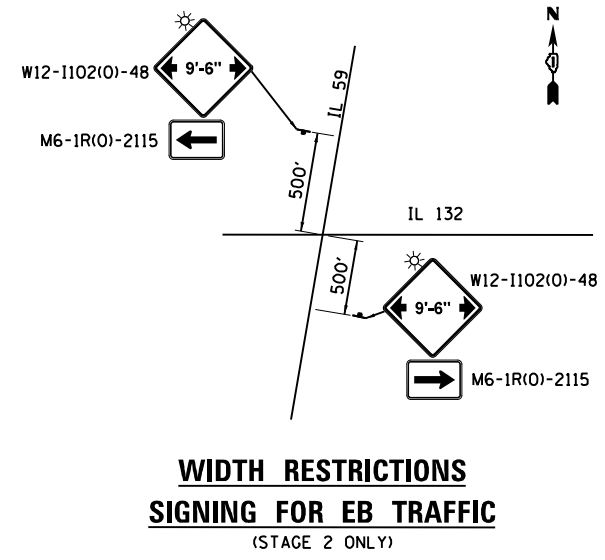
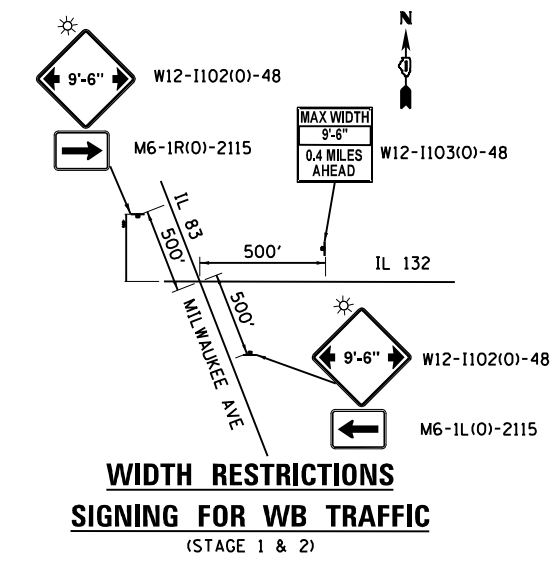
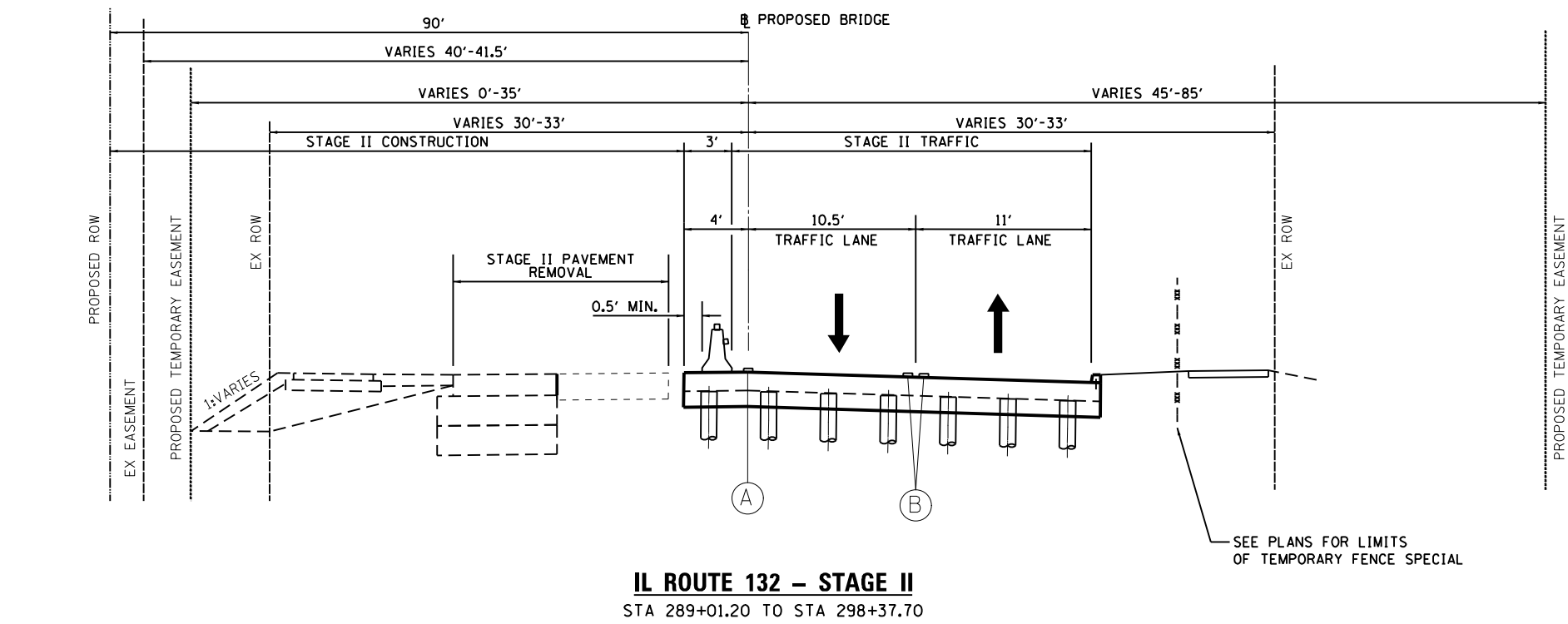
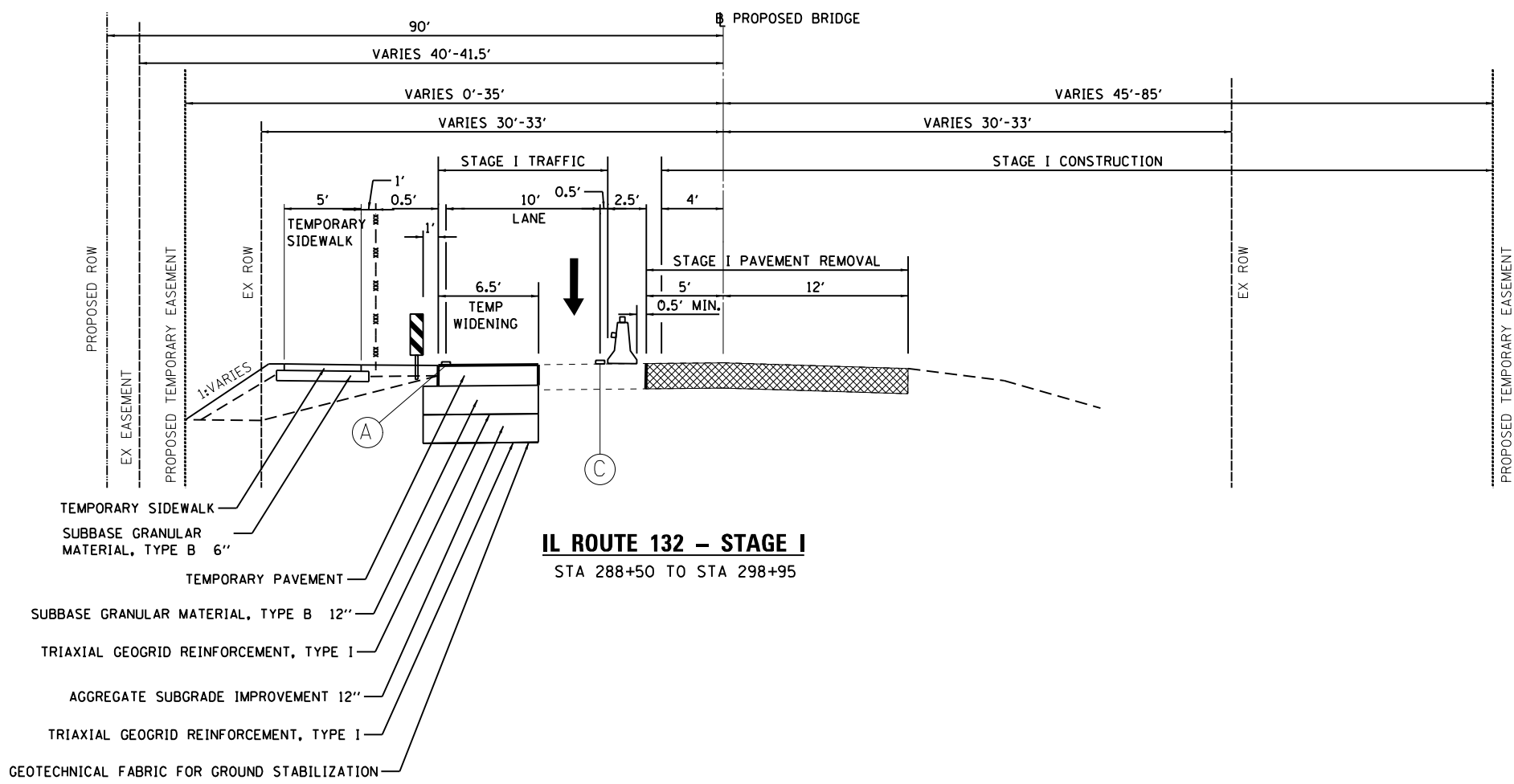
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| DRAWN - JN            | REVISOR -     |           |
| CHECKED - TGM         | REVISOR -     |           |
| DATE - 10/07/2022     | REVISOR -     |           |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) – OAK LANE DR. TO MCKINLEY AVE.**  
**MAINTAINANCE OF TRAFFIC – TYPICAL SECTIONS**

|                           |                  |             |                  |              |
|---------------------------|------------------|-------------|------------------|--------------|
| F.A.P. RTE. 541           | SECTION WR21-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 32 |
| CONTRACT NO. 62A53        |                  |             |                  |              |
| ILLINOIS FED. AID PROJECT |                  |             |                  |              |

SCALE: SHEET OF SHEETS STA. TO STA.



- LEGEND**
- (A) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID WHITE)
  - (B) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (DOUBLE YELLOW 11" C-C)
  - (C) TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE (SOLID YELLOW)
  - TEMPORARY PAVEMENT MARKING LINE
  - [Barrier Wall Symbol] TEMPORARY CONCRETE BARRIER WALL WITH BARRIER WALL REFLECTORS, TYPE C SINGLE SIDE AMBER (STAGE I) AND DOUBLE SIDED CRYSTAL (STAGE II)
  - [Arrow Symbol] DIRECTION OF TRAFFIC
  - [Vertical Panel Symbol] VERTICAL PANEL SPACED 50' C-C

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| DRAWN - JN                   | REVISED -         |           |
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| PLLOT DATE = 12/1/2022       | DATE - 10/07/2022 | REVISED - |

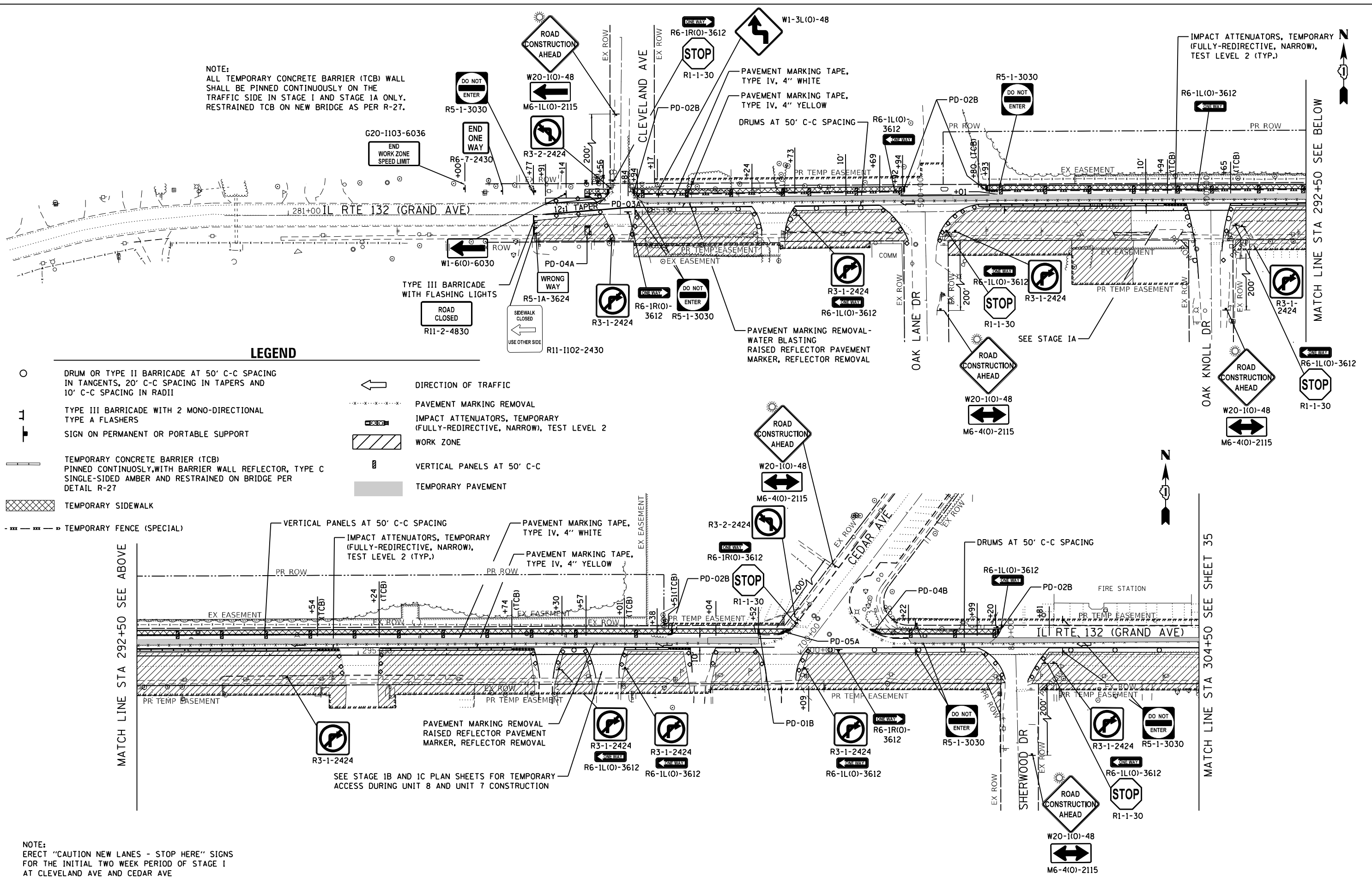
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) – OAK LANE DR. TO MCKINLEY AVE.  
MAINTAINANCE OF TRAFFIC – TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

|                           |                  |             |                  |              |
|---------------------------|------------------|-------------|------------------|--------------|
| F.A.P. RTE. 541           | SECTION WR21-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 33 |
| CONTRACT NO. 62A53        |                  |             |                  |              |
| ILLINOIS FED. AID PROJECT |                  |             |                  |              |

NOTE:  
ALL TEMPORARY CONCRETE BARRIER (TCB) WALL SHALL BE PINNED CONTINUOUSLY ON THE TRAFFIC SIDE IN STAGE I AND STAGE IA ONLY. RESTRAINED TCB ON NEW BRIDGE AS PER R-27.



**LEGEND**

- DRUM OR TYPE II BARRICADE AT 50' C-C SPACING IN TANGENTS, 20' C-C SPACING IN TAPERS AND 10' C-C SPACING IN RADII
- ⊥ TYPE III BARRICADE WITH 2 MONO-DIRECTIONAL TYPE A FLASHERS
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- ▬ TEMPORARY CONCRETE BARRIER (TCB) PINNED CONTINUOUSLY WITH BARRIER WALL REFLECTOR, TYPE C SINGLE-SIDED AMBER AND RESTRAINED ON BRIDGE PER DETAIL R-27
- ▨ TEMPORARY SIDEWALK
- — — — — TEMPORARY FENCE (SPECIAL)
- ← DIRECTION OF TRAFFIC
- ⋯ PAVEMENT MARKING REMOVAL
- ▬ IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 2
- ▨ WORK ZONE
- ▬ VERTICAL PANELS AT 50' C-C
- ▬ TEMPORARY PAVEMENT

MATCH LINE STA 292+50 SEE ABOVE

MATCH LINE STA 304+50 SEE SHEET 35

NOTE:  
ERECT "CAUTION NEW LANES - STOP HERE" SIGNS FOR THE INITIAL TWO WEEK PERIOD OF STAGE I AT CLEVELAND AVE AND CEDAR AVE

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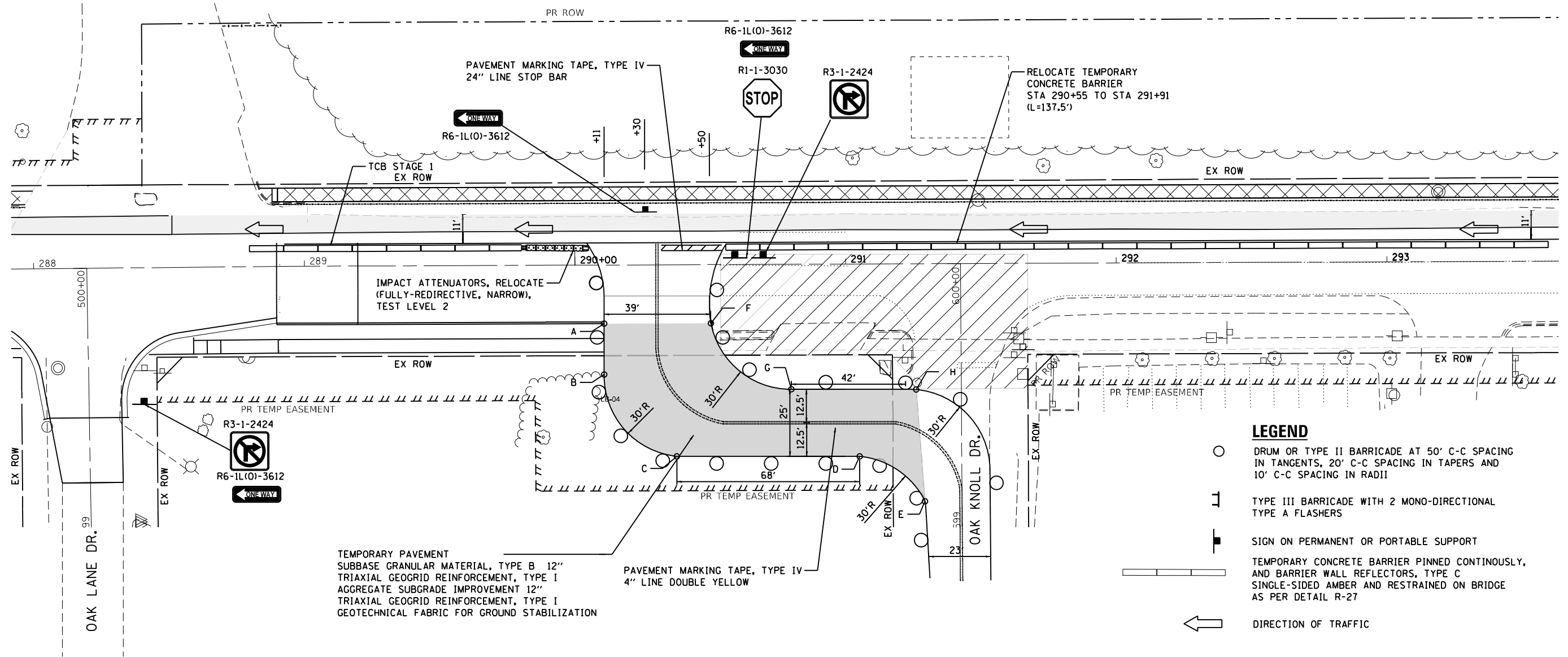
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| PLLOT SCALE = 100,0000' / 1" | CHECKED - TGM     | REVISOR - |
| PLLOT DATE = 12/1/2022       | DATE - 10/07/2022 | REVISOR - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.  
MAINTENANCE OF TRAFFIC - STAGE I**

|                     |                  |              |                           |                    |
|---------------------|------------------|--------------|---------------------------|--------------------|
| F.A.P. RTE. 541     | SECTION WR21-R-1 | COUNTY LAKE  | TOTAL SHEETS 164          | SHEET NO. 34       |
| SCALE: 1"=50'       |                  |              |                           | CONTRACT NO. 62A53 |
| SHEET 1 OF 2 SHEETS |                  | STA. TO STA. | ILLINOIS FED. AID PROJECT |                    |





TEMPORARY PAVEMENT  
 SUBBASE GRANULAR MATERIAL, TYPE B 12"  
 TRIAXIAL GEOGRID REINFORCEMENT, TYPE I  
 AGGREGATE SUBGRADE IMPROVEMENT 12"  
 TRIAXIAL GEOGRID REINFORCEMENT, TYPE I  
 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

PAVEMENT MARKING TAPE, TYPE IV  
 4" LINE DOUBLE YELLOW

**LEGEND**

- DRUM OR TYPE II BARRICADE AT 50' C-C SPACING IN TANGENTS, 20' C-C SPACING IN TAPERS AND 10' C-C SPACING IN RADII
- TYPE III BARRICADE WITH 2 MONO-DIRECTIONAL TYPE A FLASHERS
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- TEMPORARY CONCRETE BARRIER PINNED CONTINUOUSLY, AND BARRIER WALL REFLECTORS, TYPE C SINGLE-SIDED AMBER AND RESTRAINED ON BRIDGE AS PER DETAIL R-27
- DIRECTION OF TRAFFIC
- PAVEMENT MARKING REMOVAL - WATER BLASTING
- IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 2
- WORK ZONE
- VERTICAL PANELS AT 50' C-C
- TEMPORARY PAVEMENT

**TEMPORARY PAVEMENT LAYOUT**

| POINT | STA       | O/S       |
|-------|-----------|-----------|
| A     | 290+10.71 | 21.58' RT |
| B     | 290+10.23 | 41.19' RT |
| C     | 290+37.50 | 70.73' RT |
| D     | 291+04.95 | 70.96' RT |
| E     | 291+29.16 | 87.64' RT |
| F     | 290+50.17 | 21.58' RT |
| G     | 290+79.77 | 46.07' RT |
| H     | 291+25.93 | 46.33' RT |

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| USER NAME = abee              | DESIGNED - AB     | REVISED -   |
| DRAWN - AB                    | REVISIONS -       |             |
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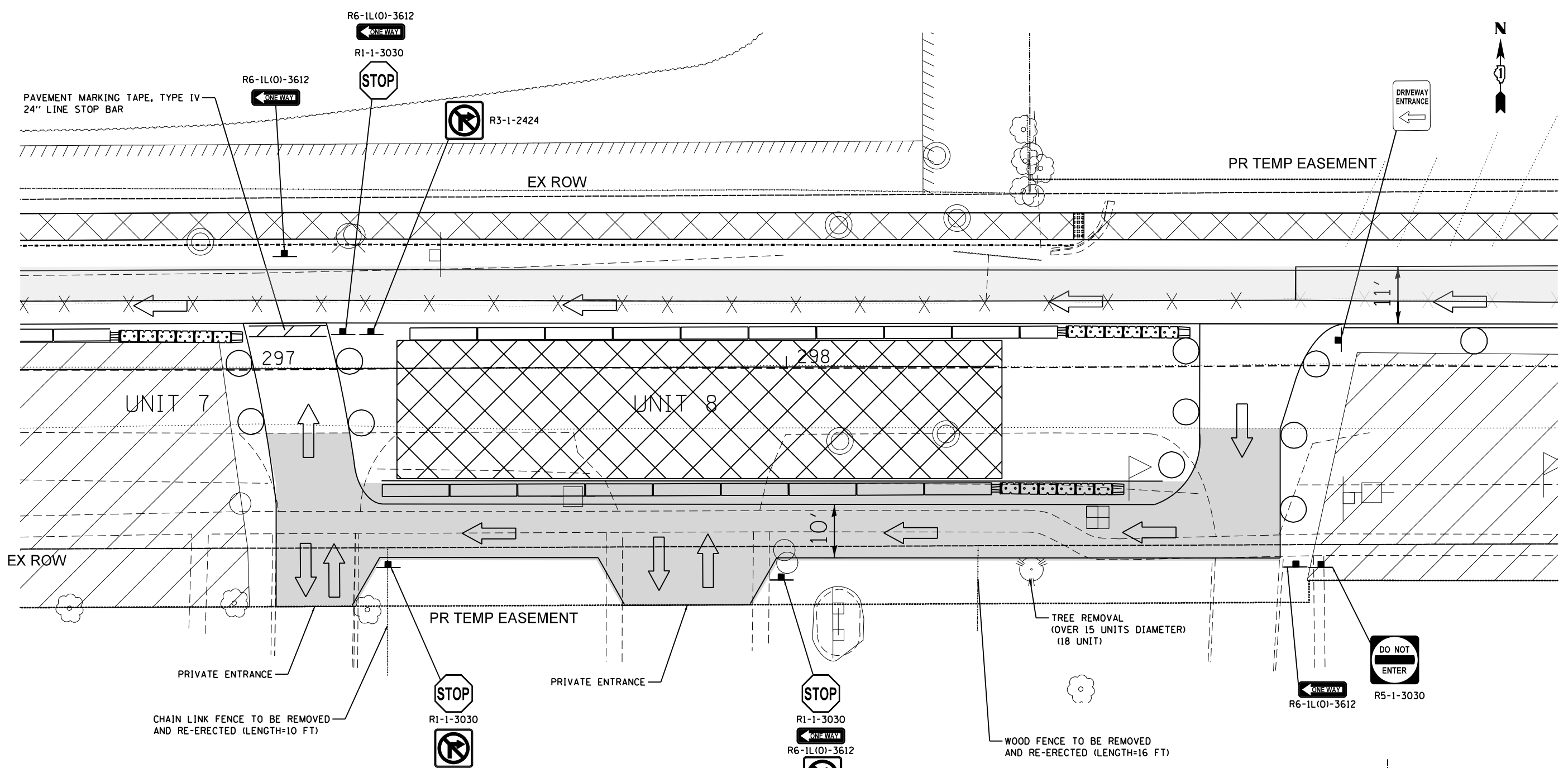
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.  
 TEMPORARY ACCESS - OAK KNOLL DR - STAGE IA**  
 SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

|                    |                   |             |                  |                           |
|--------------------|-------------------|-------------|------------------|---------------------------|
| F.A.P. RTE. 541    | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 36              |
| CONTRACT NO. 62A53 |                   |             |                  | ILLINOIS FED. AID PROJECT |



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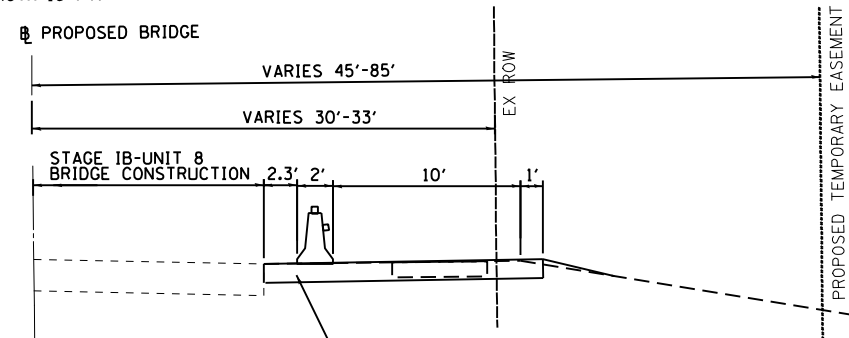


**LEGEND**

- DRUM OR TYPE II BARRICADE AT 50' C-C SPACING IN TANGENTS, 20' C-C SPACING IN TAPERS AND 10' C-C SPACING IN RADII
- ⊥ TYPE III BARRICADE WITH 2 MONO-DIRECTIONAL TYPE A FLASHERS
- ⊥ SIGN ON PERMANENT OR PORTABLE SUPPORT
- ▬ TEMPORARY CONCRETE BARRIER PINNED CONTINUOUSLY, AND BARRIER WALL REFLECTORS, TYPE C SINGLE-SIDED AMBER AND RESTRAINED TCB ON NEW BRIDGE AS PER R-27
- ← DIRECTION OF TRAFFIC
- ⋯⋯⋯ PAVEMENT MARKING REMOVAL - WATER BLASTING
- ▬ IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 2
- ▭ WORK ZONE
- ▭ VERTICAL PANELS AT 50' C-C
- ▭ TEMPORARY ACCESS (ROAD)

**NOTES**

1. FOR UNIT 8 UNDER CONSTRUCTION, UNIT 7 WILL BE UTILIZED FOR TEMPORARY ACCESS.
2. ENTRANCE ACCESS TO THE DRIVEWAYS STARTS EAST OF UNIT 8 AND APPROACH SLAB.
3. TEMPORARY ACCESS SHOULD BE MAINTAINED WITH IN THE TEMPORARY EASEMENT AREA.



|                             |                   |             |
|-----------------------------|-------------------|-------------|
| USER NAME = abee            | DESIGNED - AB     | REVISED -   |
| DRAWN - AB                  | REVISIONS -       |             |
| PLLOT SCALE = 20.0000' / 1" | CHECKED - TGM     | REVISIONS - |
| PLLOT DATE = 12/2/2022      | DATE - 10/07/2022 | REVISIONS - |

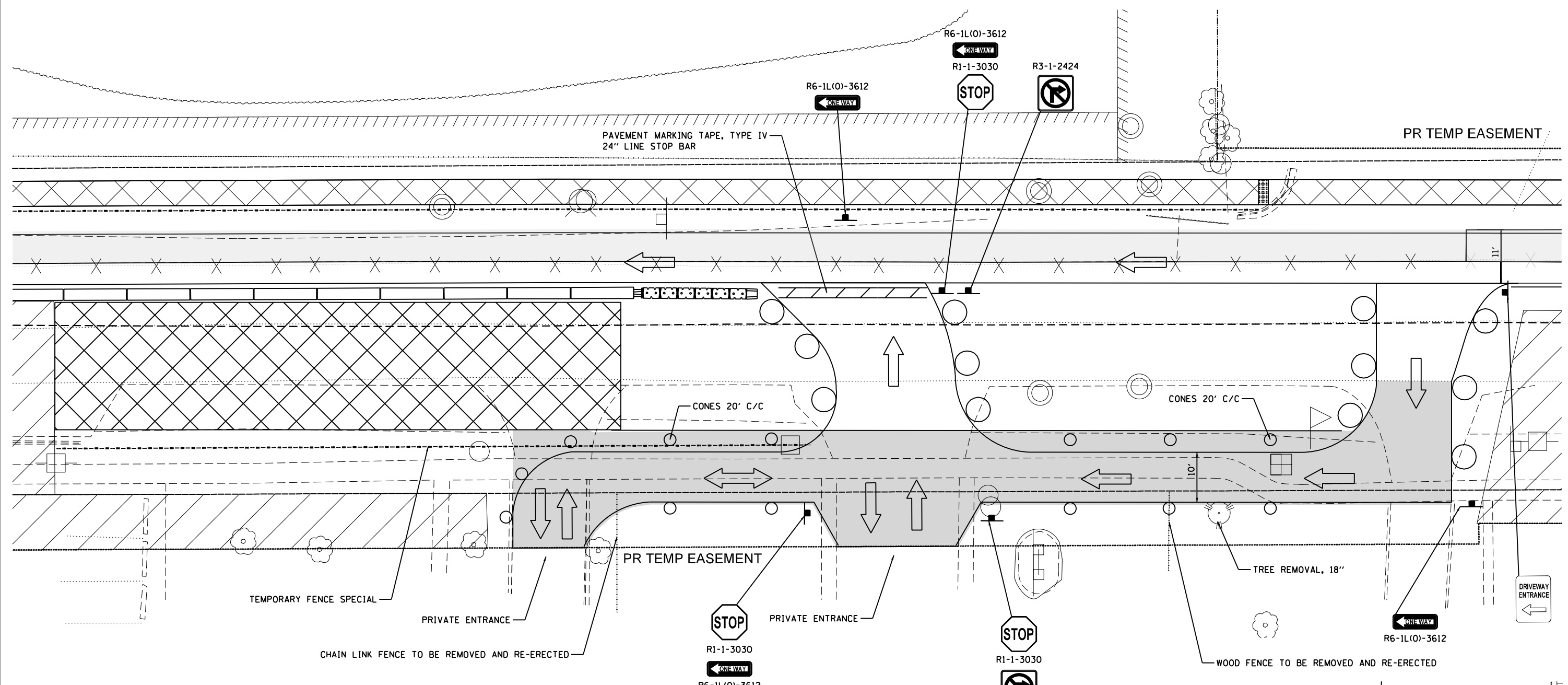
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.  
MAINTENANCE OF TRAFFIC - STAGE IB (UNIT 8)**

SCALE: 1"=10'    SHEET 1 OF 1 SHEETS    STA.    TO STA.

|                           |                   |             |                  |               |
|---------------------------|-------------------|-------------|------------------|---------------|
| F.A.P. RTE. 541           | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 36A |
| CONTRACT NO. 62A53        |                   |             |                  |               |
| ILLINOIS FED. AID PROJECT |                   |             |                  |               |

FILE NAME = G:\Engineering\LiveProjects\1320 IL 132 Lond Bridge\CADD\CADD Sheets\Civil\162453-ahb-Unit 7-Stage 1C.dgn

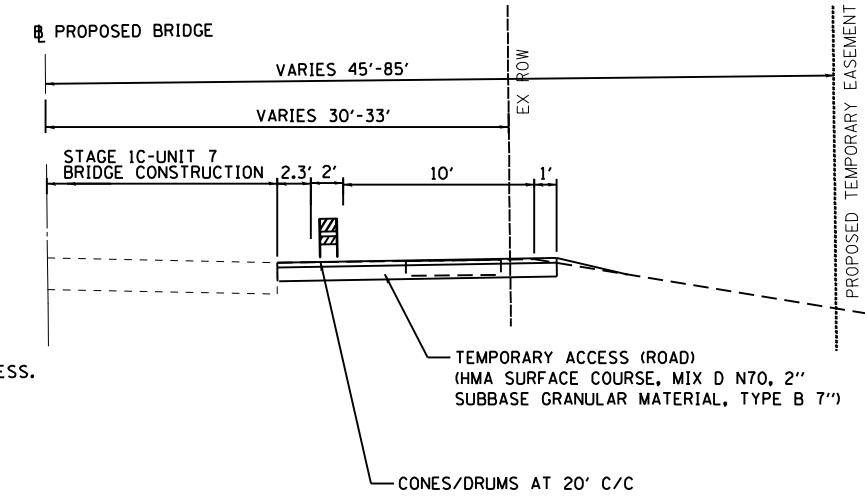


**LEGEND**

- DRUM OR TYPE II BARRICADE AT 50' C-C SPACING IN TANGENTS, 20' C-C SPACING IN TAPERS AND 10' C-C SPACING IN RADII
- ⌋ TYPE III BARRICADE WITH 2 MONO-DIRECTIONAL TYPE A FLASHERS
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- ▬ TEMPORARY CONCRETE BARRIER (TCB) PINNED CONTINUOUSLY, AND BARRIER WALL REFLECTORS, TYPE C SINGLE-SIDED AMBER AND RESTRAINED TCB ON NEW BRIDGE AS PER R-27
- ← DIRECTION OF TRAFFIC
- ⋯ PAVEMENT MARKING REMOVAL - WATER BLASTING
- ▬ IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 2
- ⊠ WORK ZONE
- ⊞ VERTICAL PANELS AT 50' C-C
- ▭ TEMPORARY ACCESS (ROAD)

**NOTES**

1. FOR UNIT 7 UNDER CONSTRUCTION, UNIT 8 SHOULD BE UTILIZED FOR TEMPORARY ACCESS.
2. ENTRANCE TO THE DRIVEWAYS STARTS EAST OF UNIT 8 AND APPROACH SLAB.
3. TEMPORARY ACCESS SHOULD BE MAINTAINED WITHIN THE TEMPORARY EASEMENT AREA.
4. THE EXIT FOR THE DRIVEWAYS WILL BE THROUGH UNIT 8.



|                             |                   |             |
|-----------------------------|-------------------|-------------|
| USER NAME = abee            | DESIGNED - AB     | REVISED -   |
| DRAWN - AB                  | REVISIONS -       |             |
| PLLOT SCALE = 20.0000' / 1" | CHECKED - TGM     | REVISIONS - |
| PLLOT DATE = 12/2/2022      | DATE - 10/07/2022 | REVISIONS - |

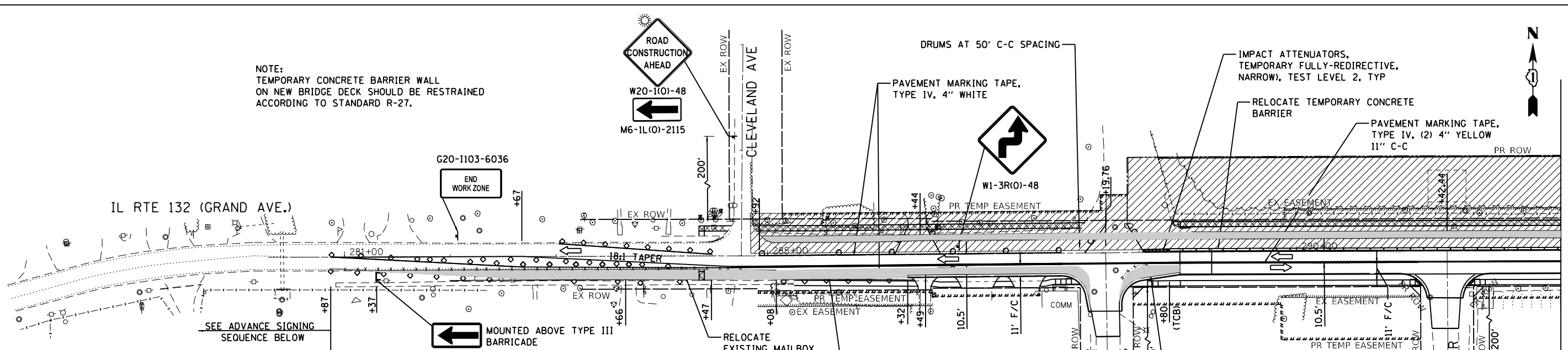
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.  
MAINTENANCE OF TRAFFIC - STAGE 1C**

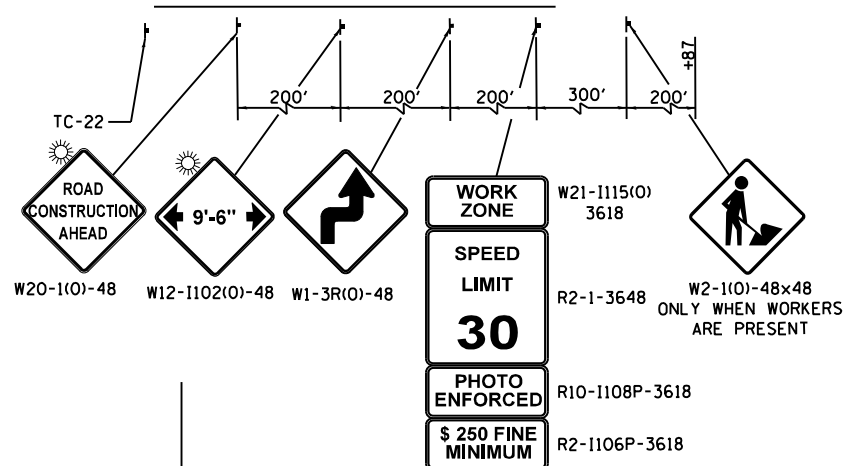
SCALE: 1"=10'    SHEET 1 OF 1 SHEETS    STA.    TO STA.

|                           |                  |             |                  |               |
|---------------------------|------------------|-------------|------------------|---------------|
| F.A.P. RTE. 541           | SECTION WR21-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 36B |
| CONTRACT NO. 62A53        |                  |             |                  |               |
| ILLINOIS FED. AID PROJECT |                  |             |                  |               |

NOTE:  
TEMPORARY CONCRETE BARRIER WALL  
ON NEW BRIDGE DECK SHOULD BE RESTRAINED  
ACCORDING TO STANDARD R-27.

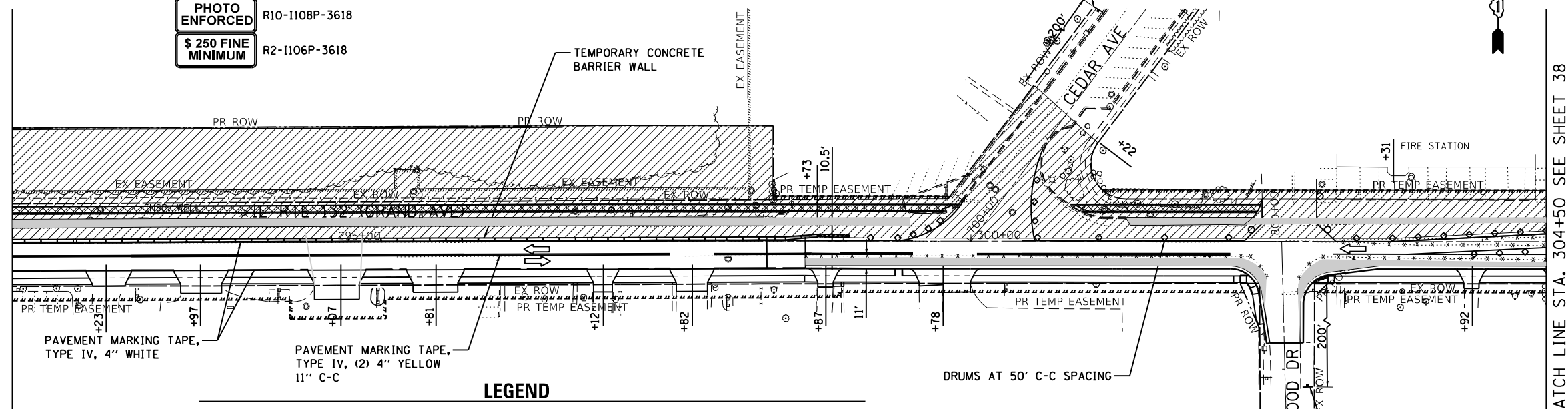


**ADVANCE SIGNING SEQUENCE**



NOTE:  
ERECT "CAUTION NEW LANES - STOP HERE" SIGNS  
FOR THE INITIAL TWO WEEK PERIOD OF STAGE II  
AT OAK LANE DR., OAK KNOLL DR., SHERWOOD DR.  
AND MCKINLEY AVE.

MATCH LINE STA. 292+50 SEE ABOVE



MATCH LINE STA. 304+50 SEE SHEET 38

**LEGEND**

- DRUM OR TYPE II BARRICADE AT 50' C-C SPACING IN TANGENTS, 20' C-C SPACING IN TAPERS AND 10' C-C SPACING IN RADII
- ⏏ TYPE III BARRICADE WITH 2 MONO-DIRECTIONAL TYPE A FLASHERS
- ⏏ SIGN ON PERMANENT OR PORTABLE SUPPORT
- ⏏ RELOCATE TEMPORARY CONCRETE BARRIER (TCB) WITH BARRIER WALL REFLECTOR, TYPE C DOUBLE-SIDED AMBER
- ➡ DIRECTION OF TRAFFIC
- ⋯ PAVEMENT MARKING REMOVAL
- ⏏ IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 2
- ▨ WORK ZONE
- ▨ TEMPORARY PAVEMENT
- ▨ TEMPORARY SIDEWALK
- ⏏ TEMPORARY FENCE (SPECIAL)

FILE NAME = G:\Engineering\LiveProjects\13220\_IL\_132\_Land Bridge\CADD\CADD\_Sheets\Civil\1162453-ahr-MOT\_Stage 2.dgn



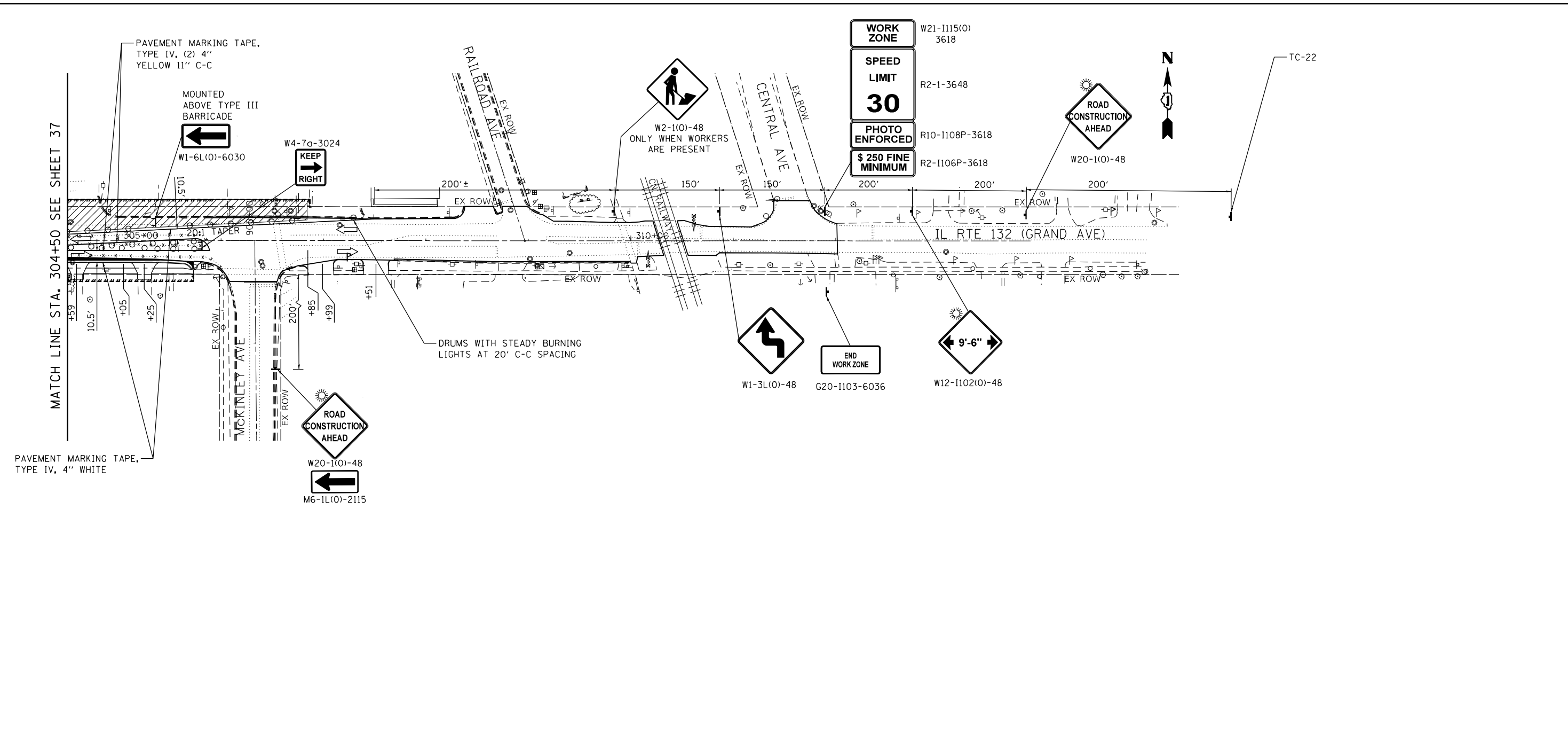
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| USER NAME = jschumann        | DESIGNED - AB     | REVISED - |
| PLLOT SCALE = 100.0000' / 1" | DRAWN - AB        | REVISED - |
| PLLOT DATE = 11/29/2022      | CHECKED - TGM     | REVISED - |
|                              | DATE - 10/07/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|  |                                  |
|--|----------------------------------|
| <b>IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.</b> |                                  |
| <b>MAINTENANCE OF TRAFFIC - STAGE II</b>                   |                                  |
| SCALE: 1"=50'  | SHEET 1 OF 2 SHEETS STA. TO STA. |

|                           |                  |             |                  |              |
|---------------------------|------------------|-------------|------------------|--------------|
| F.A.P. RTE. 541           | SECTION WR21-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 37 |
| CONTRACT NO. 62A53        |                  |             |                  |              |
| ILLINOIS FED. AID PROJECT |                  |             |                  |              |

FILE NAME = G:\Engineering\LiveProjects\13020 IL 132 Lond Bridge CAD\CADD\CADD Sheets\Civil\0162A53-shr-MOT Stage 2.dgn



**LEGEND**

- DRUM OR TYPE II BARRICADE AT 50' C-C SPACING IN TANGENTS, 20' C-C SPACING IN TAPERS AND 10' C-C SPACING IN RADII
- TYPE III BARRICADE WITH 2 MONO-DIRECTIONAL TYPE A FLASHERS
- SIGN ON PERMANENT OR PORTABLE SUPPORT
- RELOCATE TEMPORARY CONCRETE BARRIER (TCB) WITH BARRIER WALL REFLECTOR, TYPE C DOUBLE-SIDED AMBER
- ← DIRECTION OF TRAFFIC
- · · · · PAVEMENT MARKING REMOVAL
- IMPACT ATTENUATORS, TEMPORARY (FULLY-REDIRECTIVE, NARROW), TEST LEVEL 2
- ▨ WORK ZONE
- TEMPORARY PAVEMENT
- ▩ TEMPORARY SIDEWALK
- TEMPORARY FENCE (SPECIAL)



|                              |                   |           |
|------------------------------|-------------------|-----------|
| USER NAME = jschumann        | DESIGNED - AB     | REVISED - |
|                              | DRAWN - AB        | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - TGM     | REVISED - |
| PLOT DATE = 10/18/2022       | DATE - 10/07/2022 | REVISED - |

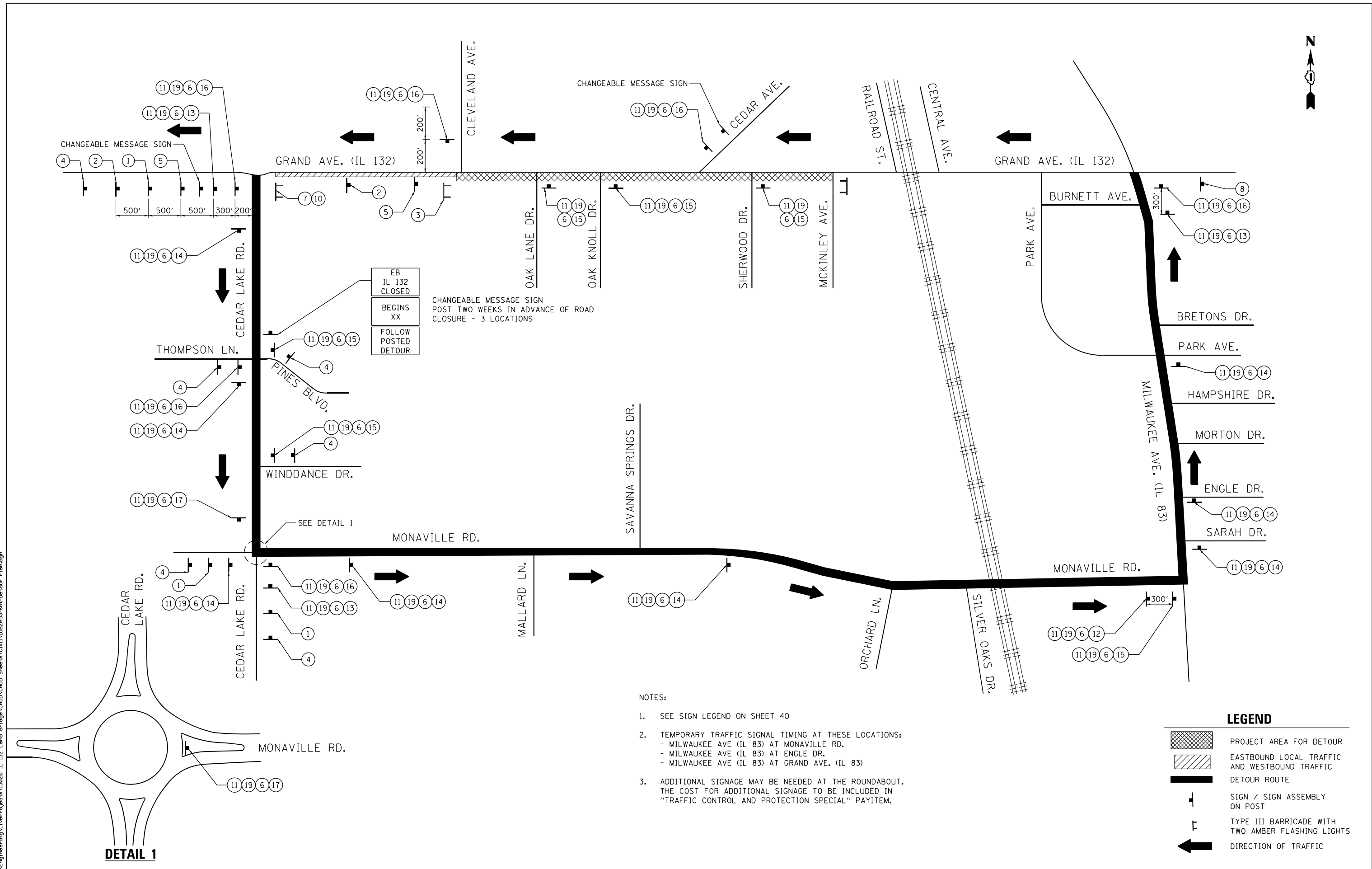
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) – OAK LANE DR. TO MCKINLEY AVE.  
MAINTENANCE OF TRAFFIC – STAGE II**

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. TO STA.

| F.A.P. RTE.        | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|-----------|--------|--------------|-----------|
| 541                | WR(2)-R-1 | LAKE   | 164          | 38        |
| CONTRACT NO. 62A53 |           |        |              |           |

ILLINOIS FED. AID PROJECT



EB  
IL 132  
CLOSED  
BEGINS  
XX  
FOLLOW  
POSTED  
DETOUR

CHANGEABLE MESSAGE SIGN  
POST TWO WEEKS IN ADVANCE OF ROAD  
CLOSURE - 3 LOCATIONS

- NOTES:
- SEE SIGN LEGEND ON SHEET 40
  - TEMPORARY TRAFFIC SIGNAL TIMING AT THESE LOCATIONS:
    - MILWAUKEE AVE (IL 83) AT MONAVILLE RD.
    - MILWAUKEE AVE (IL 83) AT ENGLE DR.
    - MILWAUKEE AVE (IL 83) AT GRAND AVE. (IL 83)
  - ADDITIONAL SIGNAGE MAY BE NEEDED AT THE ROUNDABOUT. THE COST FOR ADDITIONAL SIGNAGE TO BE INCLUDED IN "TRAFFIC CONTROL AND PROTECTION SPECIAL" PAYITEM.

**LEGEND**

|  |   |
|--|---|
|  | PROJECT AREA FOR DETOUR                           |
|  | EASTBOUND LOCAL TRAFFIC AND WESTBOUND TRAFFIC     |
|  | DETOUR ROUTE                                      |
|  | SIGN / SIGN ASSEMBLY ON POST                      |
|  | TYPE III BARRICADE WITH TWO AMBER FLASHING LIGHTS |
|  | DIRECTION OF TRAFFIC                              |

**DETAIL 1**

FILE NAME = G:\Engineering\LiveProjects\13020 IL 132 Lond Bridge CAD\CADD Sheets\Civil\10162453-shr-Detour Plan.dgn



|                            |                   |           |
|----------------------------|-------------------|-----------|
| USER NAME = jschumann      | DESIGNED - AB     | REVISED - |
| PLOT SCALE = 2.0000" / in. | DRAWN - JN        | REVISED - |
| PLOT DATE = 10/18/2022     | CHECKED - TGM     | REVISED - |
|                            | DATE - 10/07/2022 | REVISED - |




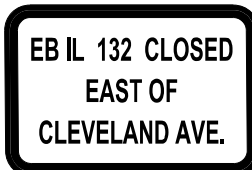









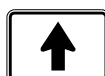
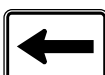
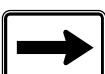
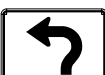





**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.  
DETOUR PLAN**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 39        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

**SIGN LEGEND**

|  |  |   |   |
|--|--|---|---|
| <p>①  W20-2(O) 4848</p> <p>②  W20-3(O) 4848</p> <p>③  R11-2 4830</p> <p>④  ADVISORY SIGN 6642<br/>6" BLACK LETTERING ON ORANGE BACKGROUND</p> <p>⑤  W20-3(O) 4848</p> | <p>⑥  M1-1100 3024</p> <p>⑦  R11-4 6030</p> <p>⑧  M4-8A(O) 2418</p> <p>⑨  M4-10L(O) 4818</p> <p>⑩  M4-10R(O) 4818</p> <p>⑪  M4-8(O) 2412</p> | <p>⑫  M5-1L(O) 2115</p> <p>⑬  M5-1R(O) 2115</p> <p>⑭  M6-3(O) 2115</p> <p>⑮  M6-1L(O) 2115</p> <p>⑯  M6-1R(O) 2115</p> <p>⑰  M5-3L(O) 2115</p> <p>⑱  M6-2R(O) 2115</p> | <p>⑲  M3-3 2412</p> <p>⑳  M3-4 2412</p> <p>㉑  R3-1 2424</p> <p>㉒  R3-2 2424</p> |
|--|--|---|---|

NOTES:

1. SIGNS FOR THE DETOUR ARE INCLUDED IN THE CONTRACT LUMP SUM COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
2. SIGN PLACEMENT SHALL BE DONE ACCORDING TO DISTRICT STANDARD TC-21. SEE DISTRICT DETAIL SHEETS.
3. ALL TRAFFIC SIGNS SHALL MEET WITH THE APPROVAL OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SHALL MEET WITH THE APPROVAL OF THE ENGINEER REGARDING LOCATION, TYPE, SIZE, NUMBER, AND DURATION.
4. FOR TYPICAL SIGN INSTALLATION - SEE HIGHWAY STANDARD 701901.
5. APPROPRIATE IDOT TRAFFIC CONTROL STANDARDS SHALL BE USED TO INSTALL AND REMOVE TRAFFIC CONTROL AND PROTECTION DEVICES.

FILE NAME = G:\Engineering\LiveProjects\13020 IL 132 Lond Bridge\CADD\CADD Sheets\Civil\0162A53-shr-Detour Sign.dgn



|                            |                   |           |
|----------------------------|-------------------|-----------|
| USER NAME = jschumann      | DESIGNED - AB     | REVISED - |
|                            | DRAWN - JN        | REVISED - |
| PLOT SCALE = 3.0000' / in. | CHECKED - TGM     | REVISED - |
| PLOT DATE = 10/18/2022     | DATE - 10/07/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) – OAK LANE DR. TO MCKINLEY AVE.  
DETOUR SIGNS**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 40        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |



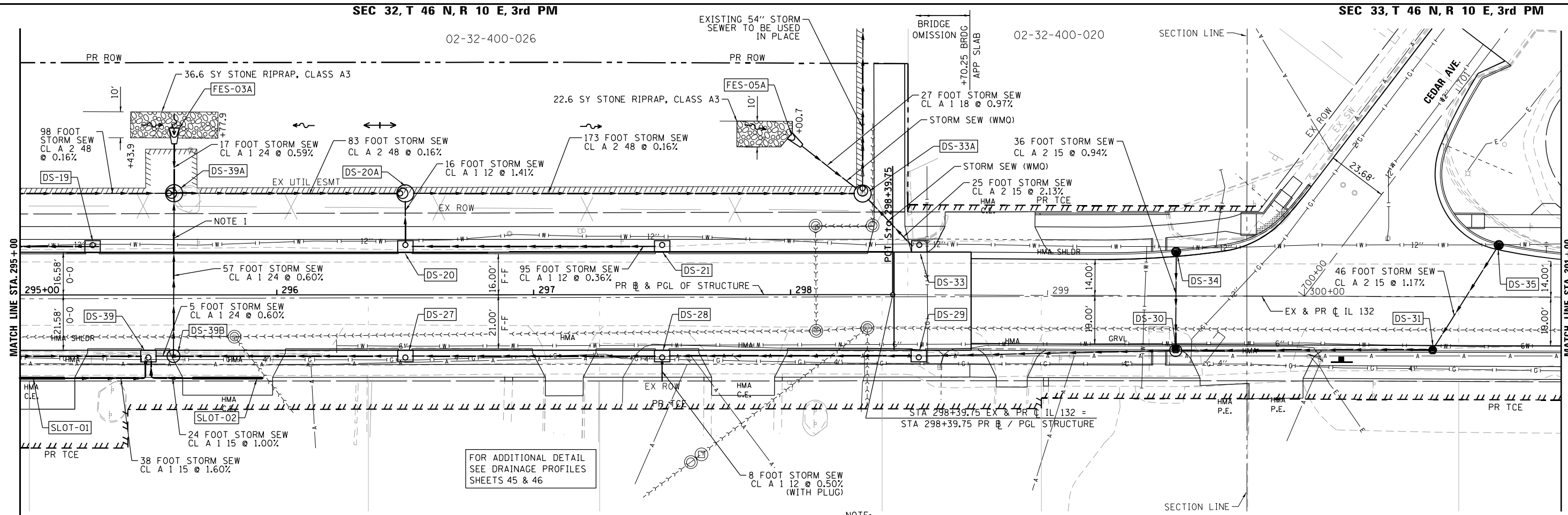




02-32-400-026

02-32-400-020

|      |  |
|------|--|
| DATE |  |
| BY   |  |
| PLAN |  |
| NO.  |  |
| NO.  |  |
| NO.  |  |
| NO.  |  |
| NO.  |  |
| NO.  |  |

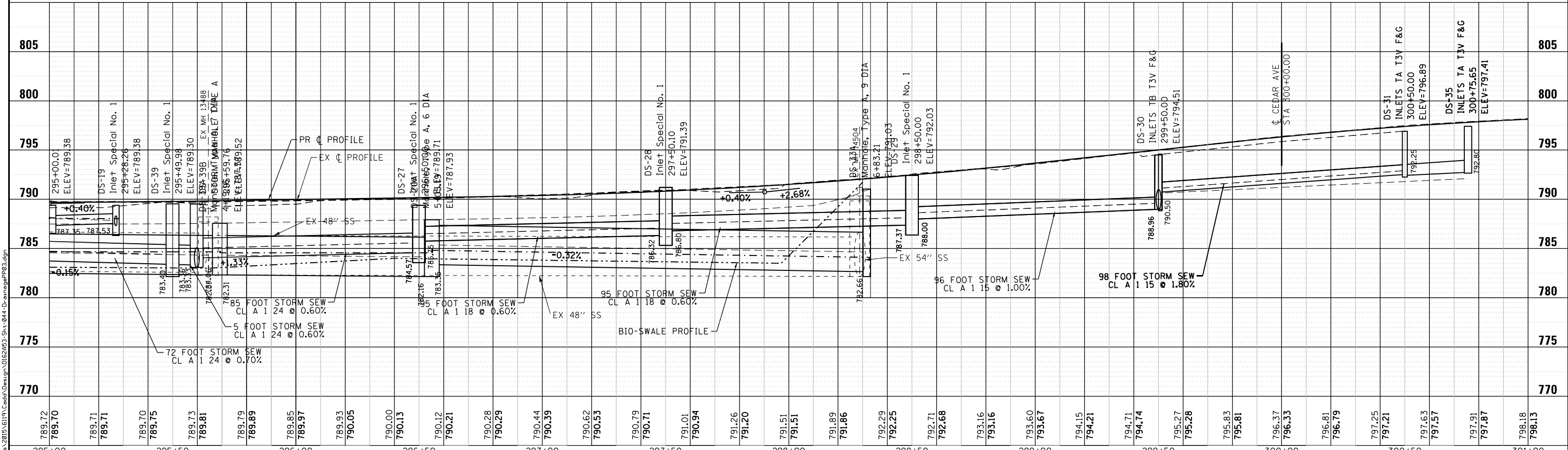


SEC 5, T 45 N  
R 10 E, 3rd PM

SEC 4, T 45 N  
R 10 E, 3rd PM

NOTE:  
1. PIPE SHALL REST ON EXISTING WOOD PILES  
(PILE TO BE CUT TO DEPTH ACCORDINGLY).

|         |  |
|---------|--|
| DATE    |  |
| BY      |  |
| PROFILE |  |
| NO.     |  |
| NO.     |  |
| NO.     |  |
| NO.     |  |
| NO.     |  |
| NO.     |  |



|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCAD         | DESIGNED - MJB    | REVISED - |
|                             | DRAWN - MJB       | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/19/2022      | DATE = 10/19/2022 | REVISED - |

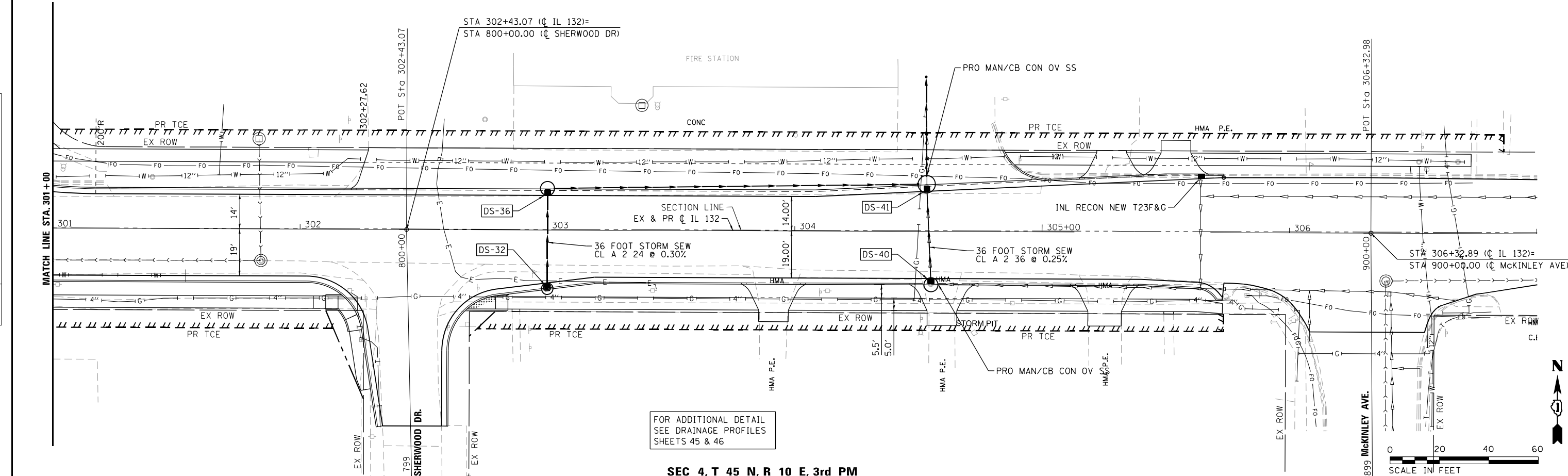
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
DRAINAGE PLAN AND PROFILE  
SCALE: 1" = 20' SHEET 3 OF 4 SHEETS STA. 295+00.00 TO STA. 301+00.00

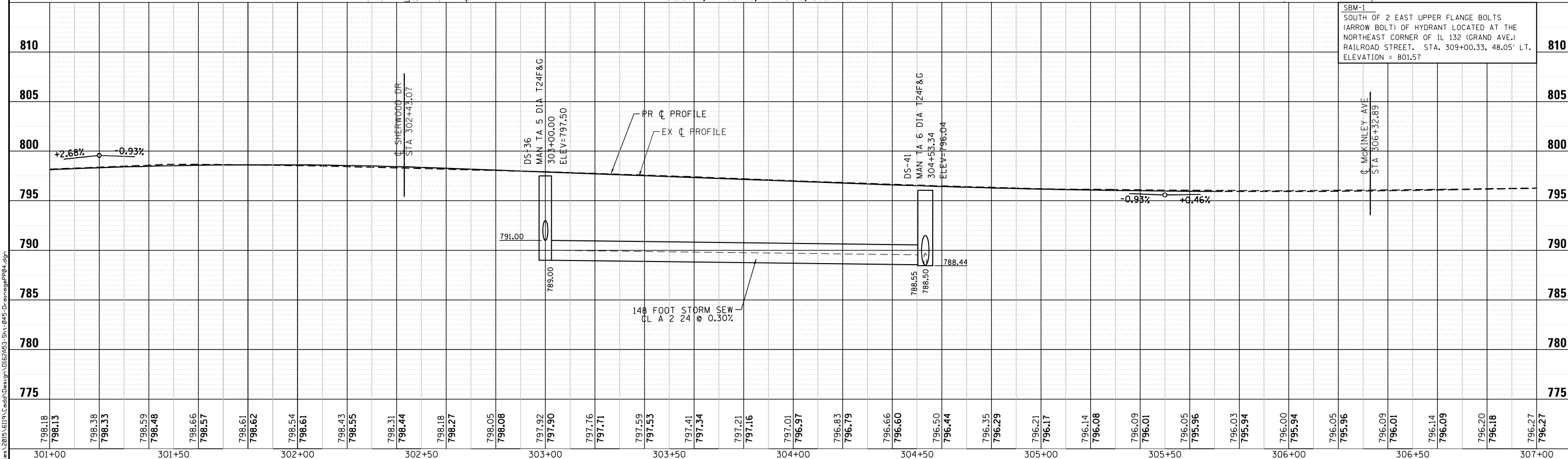
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|--------------------|-------------------|-------------|---------------------------|--------------|
| F.A.P. RTE. 541    | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164          | SHEET NO. 43 |
| CONTRACT NO. 62A53 |                   |             | ILLINOIS FED. AID PROJECT |              |

|      |                              |    |      |
|------|------------------------------|----|------|
| PLAN | SURVEYED                     | BY | DATE |
|      | PLOTTED                      |    |      |
|      | GRADES CHECKED               |    |      |
|      | STRUCTURE NOT AT THIS OFFICE |    |      |
|      | NOTE BOOK NO.                |    |      |
|      | FILE NAME                    |    |      |

|         |                              |    |      |
|---------|------------------------------|----|------|
| PROFILE | SURVEYED                     | BY | DATE |
|         | PLOTTED                      |    |      |
|         | GRADES CHECKED               |    |      |
|         | STRUCTURE NOT AT THIS OFFICE |    |      |
|         | NOTE BOOK NO.                |    |      |
|         | FILE NAME                    |    |      |



FOR ADDITIONAL DETAIL SEE DRAINAGE PROFILES SHEETS 45 & 46



SBM-1 SOUTH OF 2 EAST UPPER FLANGE BOLTS (ARROW BOLT) OF HYDRANT LOCATED AT THE NORTHEAST CORNER OF IL 132 (GRAND AVE.) RAILROAD STREET. STA. 309+00.33, 48.05' LT. ELEVATION = 801.57

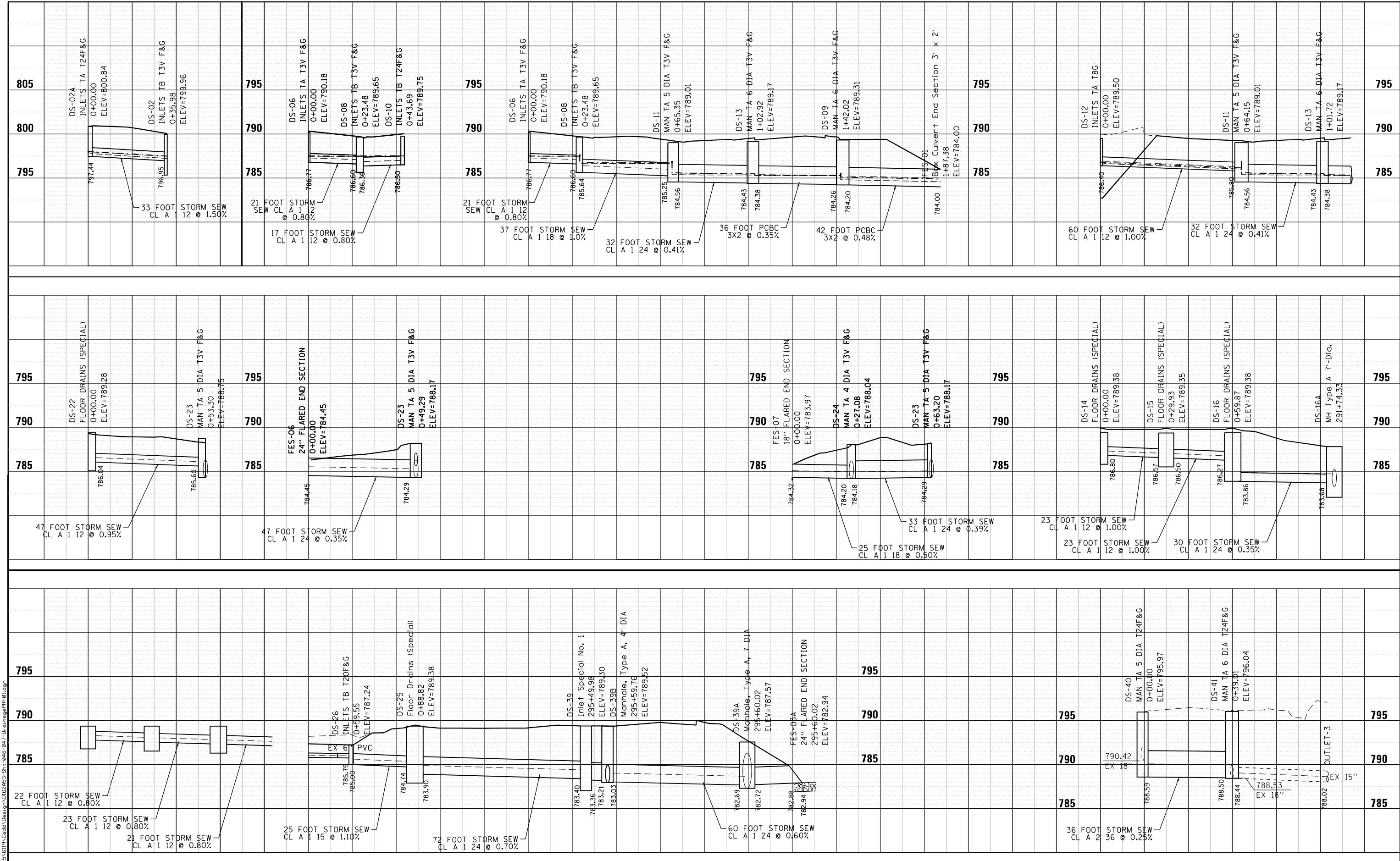
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|-----------------------------|-------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/18/2022      | DATE - 10/18/2022 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|   |                     |
|---|---------------------|
| IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE |                     |
| DRAINAGE PLAN AND PROFILE                         |                     |
| SCALE: 1" = 20'                                   | SHEET 4 OF 4 SHEETS |
| STA. 301+00.00 TO STA. 306+73.38                  |                     |

|                           |                   |             |                  |              |
|---------------------------|-------------------|-------------|------------------|--------------|
| F.A.P. RTE. 541           | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 44 |
| CONTRACT NO. 62A53        |                   |             |                  |              |
| ILLINOIS FED. AID PROJECT |                   |             |                  |              |

|                          |      |
|--------------------------|------|
| PROFILE NO.              | DATE |
| SUBMITTED                |      |
| GRADES CHECKED           |      |
| STRUCTURE NOTATIONS CHKD |      |



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USER NAME = I00TCA0  
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 PLOT DATE = 10/18/2022

DESIGNED - MBJ  
 DRAWN - MBJ  
 CHECKED - TPP  
 DATE - 10/18/2022

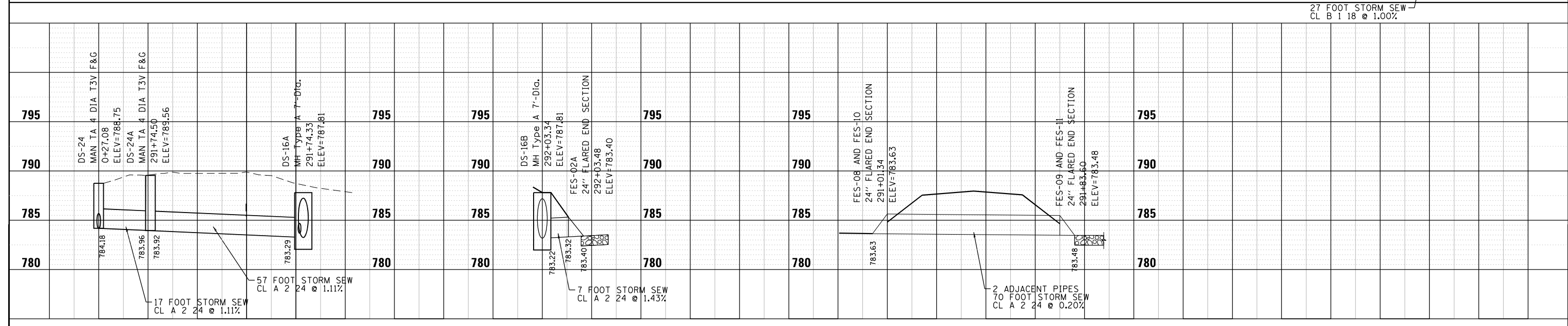
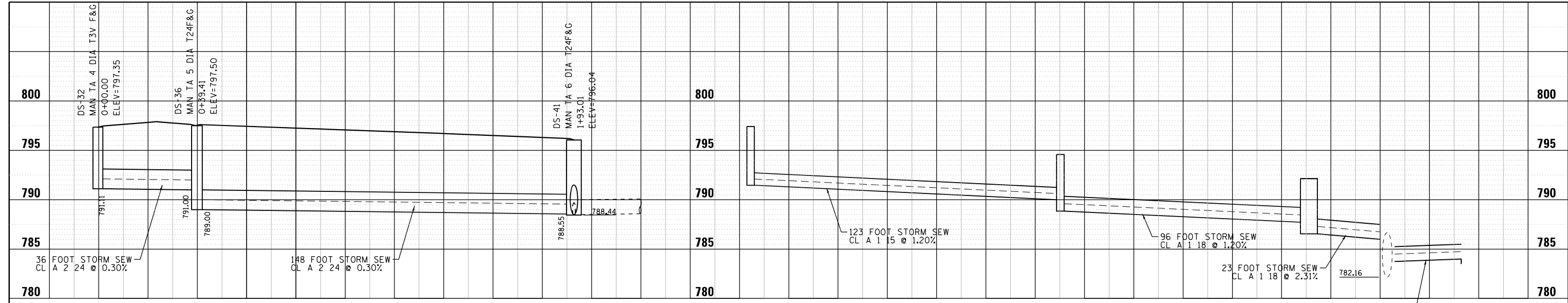
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE**  
**DRAINAGE PROFILES**  
 SCALE: 1" = 20' SHEET 1 OF 2 SHEETS STA. TO STA.

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 45        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

|         |                |                |
|---------|----------------|----------------|
| PROFILE | SUBMITTED      | DATE           |
|         | GRADES CHECKED |                |
|         | NOTE BOOK      |                |
|         | NO.            |                |
|         | STRUCTURE      | NOTATIONS CHKD |



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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MBJ    | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - MBJ       | REVISED - |
| PLOT DATE = 10/18/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE - 10/18/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE  
DRAINAGE PROFILES**

SCALE: 1" = 20'    SHEET 2 OF 2 SHEETS    STA.    TO STA.

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 46        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |



| STRUCTURE | STATION   | OFFSET | RIM ELEV | STRUCTURE TYPE  | FRAME & GRATE | PAY ITEM NUMBER | NORTH  | SOUTH  | EAST   | WEST   | OTHER       | STRUCTURE STANDARD DETAIL | FRAME & GRATE STANDARD DETAIL |
|-----------|-----------|--------|----------|---|---------------|-----------------|--------|--------|--------|--------|-------------|---------------------------|-------------------------------|
| DS-01     | 284+88.53 | -32.42 | 802.83   | INLETS, TYPE A, TYPE 24 FRAME AND GRATE                 | 24            | 60237470        |        | 798.23 |        |        |             | 602301-04                 | 604091-04                     |
| DS-02A    | 284+89.36 | 14.23  | 800.84   | INLETS, TYPE A, TYPE 24 FRAME AND GRATE                 | 24            | 60237470        | 797.44 |        |        |        |             | 602301-04                 | 604091-04                     |
| DS-02     | 285+12.00 | -14.02 | 799.96   | INLETS, TYPE B, TYPE 3V FRAME AND GRATE                 | 3V            | X6020075        | 797.00 | 796.95 | 795.33 |        |             | 602306-03                 | 604011-05                     |
| DS-04     | 286+20.00 | 18.39  | 795.49   | INLETS, TYPE A, TYPE 24 FRAME AND GRATE                 | 24            | 60237470        | 792.35 |        |        |        |             | 602301-04                 | 604091-04                     |
| DS-03     | 286+20.00 | -15.82 | 795.60   | INLETS, TYPE B, TYPE 24 FRAME AND GRATE                 | 24            | 60240328        |        | 791.71 | 790.19 | 791.55 |             | 602306-03                 | 604091-04                     |
| DS-05     | 287+50.00 | -16.00 | 790.90   | INLETS, TYPE B, TYPE 3V FRAME AND GRATE                 | 3V            | X6020075        |        |        | 786.62 | 787.40 |             | 602306-03                 | 604011-05                     |
| DS-06     | 287+77.00 | 21.00  | 790.18   | INLETS, TYPE A, TYPE 3V FRAME AND GRATE                 | 3V            | X6020074        |        |        | 786.77 |        |             | 602301-04                 | 604011-05                     |
| DS-08     | 287+97.50 | 31.77  | 789.65   | INLETS, TYPE B, TYPE 3V FRAME AND GRATE                 | 3V            | X6020075        |        | 786.36 | 785.64 | 786.60 |             | 602306-03                 | 604011-05                     |
| DS-10     | 288+02.68 | 51.09  | 789.75   | INLETS, TYPE B, TYPE 24 FRAME AND GRATE                 | 24            | 60240328        | 786.50 |        |        |        |             | 602306-03                 | 604091-04                     |
| DS-11     | 288+39.56 | 34.77  | 789.01   | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3V FRAME AND GRATE  | 3V            | 60222270        |        | 785.80 | 784.56 | 785.25 |             | 602402-03                 | 604011-05                     |
| DS-12     | 288+40.87 | 98.85  | 789.50   | INLETS, TYPE A, TYPE 8 GRATE                            | 8             | 60236200        | 786.40 |        |        |        |             | 602301-04                 | 604036-03                     |
| DS-07     | 288+55.00 | -16.00 | 789.35   | INLETS, TYPE B, TYPE 3V FRAME AND GRATE                 | 3V            | X6020075        |        |        | 785.40 | 785.60 |             | 602306-03                 | 604011-05                     |
| DS-13     | 288+74.99 | 23.06  | 789.17   | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 3V FRAME AND GRATE  | 3V            | 60224120        | 784.38 |        |        | 784.43 |             | 602406-11                 | 604011-05                     |
| DS-09     | 288+75.00 | -16.03 | 789.31   | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 3V FRAME AND GRATE  | 3V            | 60224120        | 784.20 | 784.26 |        | 785.24 |             | 602406-11                 | 604011-05                     |
| FES-01    | 289+11.80 | -42.13 | 784.00   | BOX CULVERT END SECTIONS, CULVERT NO. 1                 | -             | 54001001        |        | 784.00 |        |        |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| DS-14     | 290+71.75 | 16.58  | 789.38   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        |        |        | 786.80 |        |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| DS-22     | 290+71.75 | 21.58  | 789.38   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        |        |        | 786.04 |        |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| DS-15     | 291+00.00 | -16.58 | 789.35   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        |        |        | 786.50 | 786.57 |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| FES-06    | 291+21.08 | 86.58  | 784.30   | PRECAST REINFORCED CONCRETE FLARED END SECTION 24"      | -             | 54213669        | 784.30 |        |        |        |             | 542301-03                 | -                             |
| DS-23     | 291+22.29 | 37.39  | 788.75   | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 3V FRAME AND GRATE  | 3V            | 60222270        |        | 784.09 | 784.05 | 785.60 |             | 602402-03                 | 604011-05                     |
| DS-16     | 291+28.25 | -16.58 | 789.38   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        | 783.86 |        | 783.86 | 786.27 |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| DS-16B    | 292+03.50 | -38.30 | 787.91   | MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID | 1 CL          | 60224446        | 784.00 |        | 783.17 | 783.19 |             | 602411-09                 | 604001-05                     |
| DS-24     | 291+58.39 | 37.40  | 788.75   | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE  | 3V            | 60219570        |        | 784.20 | 783.85 | 783.92 |             | 602401-07                 | 604011-05                     |
| DS-24A    | 291+74.50 | 23.88  | 789.56   | MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID | 1 CL          | 60224446        | 783.65 | 783.76 |        |        |             | 602411-09                 | 604001-05                     |
| DS-16A    | 291+74.50 | -38.22 | 787.81   | MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID | 1 CL          | 60224446        |        | 783.35 | 783.24 | 783.72 |             | 602411-09                 | 604001-05                     |
| FES-02A   | 292+03.48 | 53.00  | 783.50   | PRECAST REINFORCED CONCRETE FLARED END SECTION 12"      | -             | 54213657        |        | 783.50 |        |        |             | 542301-03                 | -                             |
| FES-07    | 291+61.63 | 64.27  | 783.97   | PRECAST REINFORCED CONCRETE FLARED END SECTION 18"      | -             | 54213663        | 784.32 |        |        |        |             | 542301-03                 | -                             |
| DS-17A    | 294+59.51 | -39.00 | 787.54   | MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID | 1 CL          | 60224446        |        | 785.43 | 782.79 | 782.79 |             | 602411-09                 | 604001-05                     |
| DS-17     | 294+72.75 | -16.58 | 789.38   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        | 786.35 |        | 787.07 |        |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| DS-25     | 294+72.75 | 21.58  | 789.38   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        |        | 784.74 | 783.90 |        |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| DS-26     | 294+79.86 | 49.79  | 787.24   | INLETS, TYPE B, TYPE 20 FRAME AND GRATE                 | 20            | 60240324        | 785.00 |        |        | 785.75 |             | 602306-03                 | 604071-06                     |
| DS-18     | 294+95.68 | -16.58 | 789.38   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        |        |        | 787.35 | 787.30 |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| SLOT-01   | 295+03.80 | 32.08  | 788.58   | SLOTTED DRAIN 12" WITH 6" SLOT                          | -             | Z0065752        |        |        | 787.03 |        |             | -                         | -                             |
| DS-19     | 295+28.25 | -16.58 | 789.38   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        |        |        |        | 787.54 |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| DS-39     | 295+50.00 | 21.58  | 789.40   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        |        | 786.43 | 783.40 | 783.40 | 787.04 (SE) | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| DS-39A    | 295+59.99 | -39.57 | 787.57   | MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID | 1 CL          | 60224446        | 782.90 | 782.69 | 782.62 | 782.64 |             | 602411-09                 | 604001-05                     |
| DS-39B    | 295+59.76 | 24.26  | 789.52   | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID | 1 CL          | 60219570        | 783.03 |        | 784.06 | 783.37 |             | 602401-07                 | 604001-05                     |
| FES-03A   | 295+65.00 | -58.36 | 783.06   | PRECAST REINFORCED CONCRETE FLARED END SECTION 24"      | -             | 54213669        |        | 793.00 |        |        |             | 542301-03                 | -                             |
| SLOT-02   | 295+80.80 | 32.08  | 789.16   | SLOTTED DRAIN 12" WITH 6" SLOT                          | -             | Z0065752        |        |        |        | 787.27 |             | -                         | -                             |
| DS-20A    | 296+50.00 | -39.50 | 787.93   | MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID | 1 CL          | 60224446        |        | 785.00 | 782.47 | 782.49 |             | 602411-09                 | 604001-05                     |
| DS-20     | 296+50.00 | -16.58 | 789.62   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        | 785.22 |        | 785.30 |        |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| DS-27     | 296+50.00 | 21.58  | 789.39   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        |        |        | 785.75 | 784.57 |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| DS-21     | 297+50.00 | -16.58 | 790.60   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        |        |        |        | 785.64 |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| DS-28     | 297+50.00 | 21.58  | 791.20   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        |        |        | 786.80 | 786.32 |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| FES-05A   | 298+04.10 | -57.81 | 783.50   | PRECAST REINFORCED CONCRETE FLARED END SECTION 18"      | -             | 54213663        |        | 784.00 |        |        |             | 542301-03                 | -                             |
| DS-33A    | 298+27.86 | -39.36 | 791.04   | MANHOLES, TYPE A, 9'-DIAMETER, TYPE 1 FRAME, CLOSED LID | 1 CL          | 60224469        | 782.16 | 786.00 |        | 782.20 | 783.74 (NW) | 602421-09                 | 604001-05                     |
| DS-29     | 298+50.00 | 21.54  | 792.42   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        |        |        | 788.00 | 787.37 |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| DS-33     | 298+50.00 | -16.63 | 792.14   | FLOOR DRAINS (SPECIAL)                                  | -             | X5030540        | 786.54 |        |        |        |             | SEE PLAN DETAIL           | SEE PLAN DETAIL               |
| DS-30     | 299+50.00 | 21.00  | 794.51   | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE  | 3V            | 60219570        | 789.30 |        | 790.50 | 788.96 |             | 602401-07                 | 604011-05                     |
| DS-34     | 299+50.00 | -17.34 | 794.58   | INLETS, TYPE A, TYPE 3V FRAME AND GRATE                 | 3V            | X6020074        |        | 789.30 |        |        |             | 602301-04                 | 604011-05                     |
| DS-31     | 300+50.00 | 21.00  | 796.89   | INLETS, TYPE B, TYPE 3V FRAME AND GRATE                 | 3V            | X6020075        | 792.26 |        |        | 792.26 |             | 602306-03                 | 604011-05                     |
| DS-35     | 300+75.65 | -20.45 | 797.41   | INLETS, TYPE A, TYPE 3V FRAME AND GRATE                 | 3V            | X6020074        |        | 792.80 |        |        |             | 602301-04                 | 604011-05                     |
| DS-32     | 303+00.00 | 23.41  | 797.35   | MANHOLES, TYPE A, 4'-DIAMETER, TYPE 3V FRAME AND GRATE  | 3V            | 60219570        | 791.11 |        |        |        |             | 602401-07                 | 604011-05                     |
| DS-36     | 303+00.00 | -16.00 | 797.50   | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE  | 24            | 60222240        |        | 791.00 | 789.00 |        |             | 602402-03                 | 604091-04                     |
| DS-41     | 304+53.35 | -17.98 | 796.04   | MANHOLES, TYPE A, 6'-DIAMETER, TYPE 24 FRAME AND GRATE  | 24            | 60224039        | 788.44 | 788.50 |        | 788.55 |             | 602406-11                 | 604091-04                     |
| DS-40     | 304+55.15 | 20.72  | 795.98   | MANHOLES, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE  | 24            | 60222240        | 788.59 |        |        |        |             | 602402-03                 | 604091-04                     |
| FES-08    | 291+07.45 | -62.70 | 783.79   | PRECAST REINFORCED CONCRETE FLARED END SECTION 30"      | -             | 54213675        |        |        |        | 783.79 |             | 542301-03                 | -                             |
| FES-09    | 291+77.45 | -62.63 | 783.65   | PRECAST REINFORCED CONCRETE FLARED END SECTION 30"      | -             | 54213675        |        |        | 783.65 |        |             | 542301-03                 | -                             |
| FES-10    | 291+07.45 | -57.12 | 783.79   | PRECAST REINFORCED CONCRETE FLARED END SECTION 30"      | -             | 54213675        |        |        |        | 783.79 |             | 542301-03                 | -                             |
| FES-11    | 291+77.45 | -57.04 | 783.65   | PRECAST REINFORCED CONCRETE FLARED END SECTION 30"      | -             | 54213675        |        |        | 783.65 |        |             | 542301-03                 | -                             |

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/21/2022      | DATE - 10/21/2022 | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE**  
**DRAINAGE STRUCTURE SCHEDULE**

SCALE: NTS      SHEET 1 OF 1 SHEETS      STA.      TO STA.

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 47        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

| PIPE NO. | FROM STRUCTURE | FROM INVERT | TO STRUCTURE | TO INVERT | PAY ITEM DESCRIPTION                  | PAY ITEM NUMBER | TRENCH BACKFILL (CY) 20800150 | LENGTH (FT) | SLOPE (%) | NOTES           |
|----------|----------------|-------------|--------------|-----------|---------------------------------------|-----------------|-------------------------------|-------------|-----------|-----------------|
| SS-01    | DS-01          | 798.23      | DS-02        | 797.00    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 6.6                           | 28          | 4.37%     |                 |
| SS-02    | DS-02          | 795.33      | DS-03        | 791.55    | STORM SEWERS, CLASS A, TYPE 2 15"     | 550A0360        | 32.1                          | 105         | 3.60%     |                 |
| SS-02A   | DS-02A         | 797.44      | DS-02        | 796.95    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 5.7                           | 33          | 1.50%     |                 |
| SS-03    | DS-03          | 790.19      | DS-05        | 787.40    | STORM SEWERS, CLASS A, TYPE 2 15"     | 550A0360        | 38.8                          | 127         | 2.20%     |                 |
| SS-04    | DS-05          | 786.62      | DS-07        | 785.60    | STORM SEWERS, CLASS A, TYPE 2 15"     | 550A0360        | 26.5                          | 102         | 1.00%     |                 |
| SS-05    | DS-07          | 785.40      | DS-09        | 785.24    | STORM SEWERS, CLASS A, TYPE 2 18"     | 550A0380        | 4.0                           | 16          | 1.03%     |                 |
| SS-06    | DS-09          | 784.20      | FES-01       | 784.00    | PRECAST CONCRETE BOX CULVERTS 3' X 2' | 54010302        | 9.2                           | 42          | 0.48%     |                 |
| SS-07    | DS-04          | 792.35      | DS-03        | 791.71    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 6.3                           | 32          | 1.99%     |                 |
| SS-08    | DS-06          | 786.77      | DS-08        | 786.60    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 3.6                           | 21          | 0.80%     |                 |
| SS-09    | DS-10          | 786.50      | DS-08        | 786.36    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 3.0                           | 17          | 0.80%     |                 |
| SS-10    | DS-08          | 785.64      | DS-11        | 785.25    | STORM SEWERS, CLASS A, TYPE 1 18"     | 550A0090        | 8.9                           | 39          | 1.00%     |                 |
| SS-11    | DS-12          | 786.40      | DS-11        | 785.80    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 0.0                           | 60          | 1.00%     |                 |
| SS-12    | DS-11          | 784.56      | DS-13        | 784.43    | STORM SEWERS, CLASS A, TYPE 2 24"     | 550A0410        | 10.1                          | 31          | 0.41%     |                 |
| SS-13    | DS-13          | 784.38      | DS-09        | 784.26    | PRECAST CONCRETE BOX CULVERTS 3' X 2' | 54010302        | 32.0                          | 35          | 0.35%     |                 |
| SS-14    | DS-14          | 786.80      | DS-15        | 786.57    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 3.0                           | 23          | 1.01%     |                 |
| SS-15    | DS-15          | 786.50      | DS-16        | 786.27    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 3.5                           | 23          | 1.00%     |                 |
| SS-16    | DS-16          | 783.86      | DS-16A       | 783.75    | STORM SEWERS, CLASS A, TYPE 2 24"     | 550A0410        | 12.6                          | 39          | 0.27%     |                 |
| SS-17    | DS-18          | 787.78      | DS-17        | 787.60    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 3.0                           | 23          | 0.77%     |                 |
| SS-18    | DS-19          | 787.54      | DS-18        | 787.35    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 5.0                           | 38          | 0.49%     |                 |
| SS-19    | DS-17          | 786.35      | DS-17A       | 785.43    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 2.6                           | 20          | 4.57%     |                 |
| SS-20    | DS-20          | 785.22      | DS-20A       | 785.00    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 3.1                           | 16          | 1.39%     |                 |
| SS-21    | DS-21          | 785.64      | DS-20        | 785.30    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 12.5                          | 95          | 0.36%     |                 |
| SS-23    | DS-22          | 786.04      | DS-23        | 785.60    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 10.1                          | 47          | 0.95%     |                 |
| SS-24    | FES-06         | 784.30      | DS-23        | 784.09    | STORM SEWERS, CLASS A, TYPE 1 24"     | 550A0120        | 19.4                          | 47          | 0.44%     |                 |
| SS-25    | FES-07         | 784.32      | DS-24        | 784.20    | STORM SEWERS, CLASS A, TYPE 1 18"     | 550A0090        | 2.6                           | 25          | 0.50%     |                 |
| SS-26    | DS-24          | 784.18      | DS-23        | 784.05    | STORM SEWERS, CLASS A, TYPE 2 24"     | 550A0410        | 9.2                           | 33          | 0.40%     |                 |
| SS-26A   | DS-26          | 785.00      | DS-25        | 784.74    | STORM SEWERS, CLASS A, TYPE 1 15"     | 550A0070        | 6.5                           | 25          | 1.03%     |                 |
| SS-27    | SLOT-1         | 787.03      | DS-39        | 786.43    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 25.6                          | 38          | 1.59%     |                 |
| SS-28    | DS-25          | 783.90      | DS-39        | 783.40    | STORM SEWERS, CLASS A, TYPE 2 24"     | 550A0410        | 49.0                          | 72          | 0.70%     |                 |
| SS-29    | SLOT-2         | 787.27      | DS-39        | 787.04    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 15.2                          | 24          | 0.93%     |                 |
| SS-30    | DS-28          | 786.32      | DS-27        | 785.75    | STORM SEWERS, CLASS A, TYPE 2 18"     | 550A0380        | 9.9                           | 95          | 0.60%     |                 |
| SS-31    | DS-29          | 787.37      | DS-28        | 786.80    | STORM SEWERS, CLASS A, TYPE 2 18"     | 550A0380        | 9.9                           | 95          | 0.60%     |                 |
| SS-32    | DS-39B         | 783.03      | DS-39A       | 782.67    | STORM SEWERS, CLASS A, TYPE 2 24"     | 550A0410        | 67.4                          | 57          | 0.63%     |                 |
| SS-33    | DS-33          | 786.54      | DS-33A       | 786.00    | STORM SEWERS, CLASS A, TYPE 2 15"     | 550A0360        | 3.1                           | 25          | 2.13%     | STORM SEW (WMQ) |
| SS-34    | DS-34          | 789.30      | DS-30        | 788.96    | STORM SEWERS, CLASS A, TYPE 2 15"     | 550A0360        | 4.3                           | 36          | 0.94%     |                 |
| SS-35    | DS-35          | 792.80      | DS-31        | 792.25    | STORM SEWERS, CLASS A, TYPE 2 15"     | 550A0360        | 5.5                           | 46          | 1.20%     |                 |
| SS-36    | DS-36          | 789.00      | DS-41        | 788.55    | STORM SEWERS, CLASS A, TYPE 2 24"     | 550A0410        | 8.5                           | 148         | 0.30%     |                 |
| SS-37    | DS-32          | 791.11      | DS-36        | 791.00    | STORM SEWERS, CLASS A, TYPE 2 24"     | 550A0410        | 18.1                          | 36          | 0.30%     |                 |
| SS-38    | DS-30          | 788.96      | DS-29        | 788.00    | STORM SEWERS, CLASS A, TYPE 2 15"     | 550A0360        | 11.6                          | 96          | 1.00%     |                 |
| SS-39    | DS-31          | 792.26      | DS-30        | 790.50    | STORM SEWERS, CLASS A, TYPE 2 15"     | 550A0360        | 11.8                          | 98          | 1.79%     |                 |
| SS-40    | FES-05A        | 784.00      | DS-33A       | 783.74    | STORM SEWERS, CLASS A, TYPE 1 18"     | 550A0090        | 0.0                           | 27          | 0.97%     | STORM SEW (WMQ) |
| SS-41    | FES-03A        | 783.00      | DS-39A       | 782.90    | STORM SEWERS, CLASS A, TYPE 1 24"     | 550A0120        | 0.0                           | 17          | 0.57%     |                 |
| SS-42    | DS-27          | 784.57      | DS-39B       | 784.00    | STORM SEWERS, CLASS A, TYPE 2 24"     | 550A0410        | 53.2                          | 90          | 0.63%     |                 |
| SS-43    | FES-02A        | 783.50      | DS-16A       | 783.39    | STORM SEWERS, CLASS A, TYPE 1 12"     | 550A0050        | 0.0                           | 7           | 1.67%     |                 |
| SS-44    | DS-40          | 788.59      | DS-41        | 788.50    | STORM SEWERS, CLASS A, TYPE 2 36"     | 550A0450        | 18.0                          | 36          | 0.24%     |                 |
| SS-46    | DS-17A         | 782.79      | DS-39A       | 782.64    | STORM SEWERS, CLASS A, TYPE 2 48"     | 550A0480        | 0.0                           | 98          | 0.15%     |                 |
| SS-47    | DS-20A         | 782.47      | DS-33A       | 782.16    | STORM SEWERS, CLASS A, TYPE 2 48"     | 550A0480        | 0.0                           | 173         | 0.18%     |                 |
| SS-48A   | DS-16B         | 783.17      | DS-17A       | 782.79    | STORM SEWERS, CLASS A, TYPE 2 48"     | 550A0480        | 0.0                           | 250         | 0.15%     |                 |
| SS-48B   | DS-16A         | 783.24      | DS-16B       | 783.19    | STORM SEWERS, CLASS A, TYPE 2 48"     | 550A0480        | 0.0                           | 24          | 0.21%     |                 |
| SS-49    | DS-39A         | 782.62      | DS-20A       | 782.49    | STORM SEWERS, CLASS A, TYPE 2 48"     | 550A0480        | 0.0                           | 83          | 0.16%     |                 |
| SS-50    | DS-24          | 784.18      | DS-24A       | 783.96    | STORM SEWERS, CLASS A, TYPE 1 24"     | 550A0120        | 5.1                           | 17          | 1.29%     |                 |
| SS-51    | DS-24A         | 783.92      | DS-16A       | 783.29    | STORM SEWERS, CLASS A, TYPE 2 24"     | 550A0410        | 20.0                          | 57          | 1.11%     |                 |
| SS-52    | DS-39          | 783.36      | DS-39B       | 783.21    | STORM SEWERS, CLASS A, TYPE 1 24"     | 550A0120        | 2.1                           | 5           | 3.00%     |                 |

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 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 10/21/2022

DESIGNED - MBJ  
 DRAWN - MBJ  
 CHECKED - TPP  
 DATE - 10/21/2022

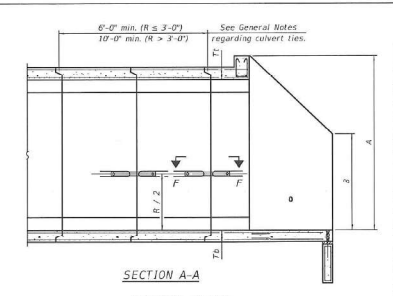
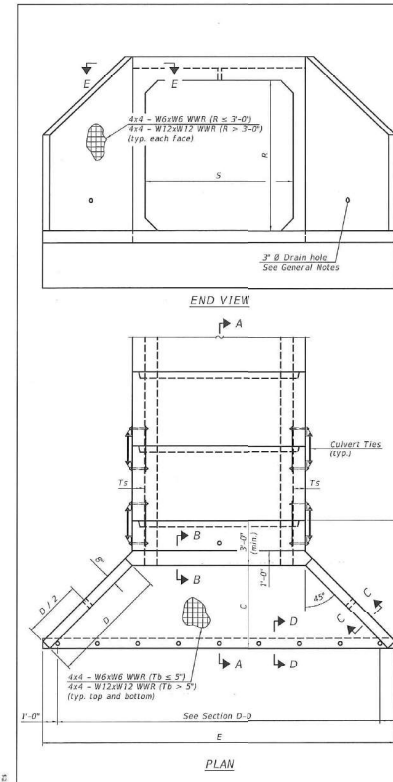
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
 DRAINAGE PIPE SCHEDULE**

SCALE: NTS      SHEET 1 OF 1 SHEETS      STA.      TO STA.

|                           |                      |                |                     |                 |
|---------------------------|----------------------|----------------|---------------------|-----------------|
| F.A.P. RTE.<br>541        | SECTION<br>WR(2)-R-1 | COUNTY<br>LAKE | TOTAL SHEETS<br>164 | SHEET NO.<br>48 |
| CONTRACT NO. 62A53        |                      |                |                     |                 |
| ILLINOIS FED. AID PROJECT |                      |                |                     |                 |



**GENERAL NOTES**

Box Culvert End Sections shall be constructed according to the requirements of Section 510 of the Standard Specifications except as modified herein. End sections will be paid for at the contract unit price per each for Box Culvert End Sections.

The Contractor may furnish the end section as a single precast concrete piece or construct the end section in the field using cast-in-place (CIP) construction. For CIP construction, the bottom slab thickness shall be increased by 2" and the clear cover to the bottom mat of reinforcement shall be increased to 3".

Box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements for ASTM C 1372 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

The number of culvert ties shall be sufficient to engage the minimum length of culvert ties shown within the shop drawings for Precast Concrete Box Culverts and will be dependent upon the length of box culvert segments furnished by the Contractor. Culvert ties are not required for box culverts having a rise (R) less than or equal to 3 ft and a span (S) greater than or equal to 10 ft.

All costs associated with furnishing and installing or constructing the towwall and culvert ties will not be measured for payment but shall be included in the unit price for Box Culvert End Sections of the contract number specified.

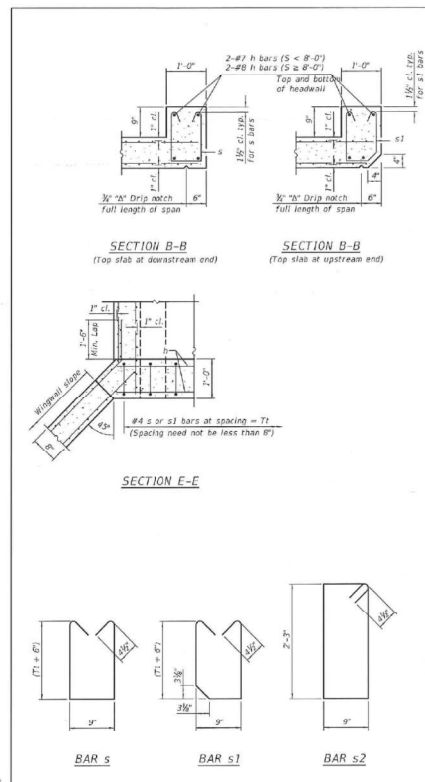
Shop drawings that detail slab thickness and reinforcement layout for the Box Culvert End Sections shall be provided to the Engineer for review and approval. Reinforcement bars not detailed herein shall be detailed with a clear distance at the ends of the reinforcement not less than 1/2" nor more than 2". For the precast setting, it shall be the Contractor's responsibility for determining a method of handling and a construction procedure shall be included on the shop drawings. The Contractor shall determine and detail in the shop drawings any necessary strengthening or stiffening provisions necessary to handle the precast segment. Any required modifications shall be at no extra charge.

The Contractor may use reinforcement bars in lieu of welded wire reinforcement (WWR). Reinforcement bars shall be limited to the sizes of #3 through #5 bars, a maximum spacing of the lesser of 8" or the member thickness, and shall result in an area of reinforcement equal to or greater than that provided by the WWR. Minimum lap lengths detailed herein are applicable to WWR and reinforcement bars.

Reinforcement (circumferential and longitudinal) in the culvert barrel portion of the end section being tapered with reinforcement from the wings and/or bottom slab of the end section shall not be less than that required by ASTM C 1372 for the design fill height or the reinforcement detailed for the end section, whichever is greater.

One drain hole shall be provided in each wingwall for end sections of box culverts having an opening with a clear rise greater than 3 ft. The drain hole shall be located within the lower 1/3 of the clear rise of the box culvert and shall conform to the requirements of Article 503.11 of the Standard Specifications.

| APRON END SECTION DIMENSIONS |          |       |       |      |      |           |       |            |                  |                       |
|------------------------------|----------|-------|-------|------|------|-----------|-------|------------|------------------|-----------------------|
| Span (S)                     | Rise (R) | Tr    | Ts    | A    | B    | C         | D     | E          | Concrete Cu. Yd. | Culvert Ties Required |
| 3-0"                         | 2-0"     | 7-0"  | 4-0"  | 3-0" | 2-0" | 2-10 1/2" | 4-0"  | 10-0 1/2"  | 2.3              | Yes                   |
| 3-0"                         | 2-0"     | 4-0"  | 4-0"  | 3-0" | 2-0" | 2-7 1/2"  | 3-0"  | 9-11"      | 2.3              | Yes                   |
| 3-0"                         | 3-0"     | 7-0"  | 6-0"  | 4-0" | 2-0" | 3-10 1/2" | 5-0"  | 12-0 1/2"  | 3.7              | Yes                   |
| 3-0"                         | 3-0"     | 4-0"  | 4-0"  | 4-0" | 2-0" | 3-7 1/2"  | 3-0"  | 11-11"     | 3.1              | Yes                   |
| 4-0"                         | 2-0"     | 5-0"  | 5-0"  | 3-0" | 2-0" | 2-8 1/2"  | 3-10" | 11-2 1/2"  | 2.8              | Yes                   |
| 4-0"                         | 3-0"     | 7-0"  | 6-0"  | 4-0" | 2-0" | 3-11 1/2" | 5-0"  | 13-0 1/2"  | 4.2              | Yes                   |
| 4-0"                         | 3-0"     | 5-0"  | 5-0"  | 4-0" | 2-0" | 3-8 1/2"  | 3-0"  | 13-2 1/2"  | 3.7              | Yes                   |
| 4-0"                         | 4-0"     | 7-0"  | 6-0"  | 5-0" | 2-0" | 4-11 1/2" | 7-0"  | 15-0 1/2"  | 5.3              | Yes                   |
| 4-0"                         | 4-0"     | 5-0"  | 5-0"  | 5-0" | 2-0" | 4-8 1/2"  | 6-0"  | 16-2 1/2"  | 4.9              | Yes                   |
| 5-0"                         | 2-0"     | 6-0"  | 6-0"  | 3-0" | 2-0" | 3-11 1/2" | 4-0"  | 12-10"     | 3.1              | Yes                   |
| 5-0"                         | 2-0"     | 6-0"  | 6-0"  | 3-0" | 2-0" | 3-10 1/2" | 4-0"  | 12-7 1/2"  | 3.5              | Yes                   |
| 5-0"                         | 3-0"     | 8-0"  | 7-0"  | 4-0" | 2-0" | 4-11 1/2" | 5-0"  | 14-10 1/2" | 4.8              | Yes                   |
| 5-0"                         | 3-0"     | 6-0"  | 6-0"  | 4-0" | 2-0" | 3-10 1/2" | 5-0"  | 14-7 1/2"  | 4.5              | Yes                   |
| 5-0"                         | 4-0"     | 8-0"  | 7-0"  | 5-0" | 2-0" | 4-11 1/2" | 7-0"  | 16-10 1/2" | 6.1              | Yes                   |
| 5-0"                         | 4-0"     | 6-0"  | 6-0"  | 5-0" | 2-0" | 4-9 1/2"  | 6-0"  | 16-5 1/2"  | 5.5              | Yes                   |
| 6-0"                         | 2-0"     | 7-0"  | 7-0"  | 3-0" | 2-0" | 3-10 1/2" | 4-0"  | 13-10 1/2" | 4.2              | Yes                   |
| 6-0"                         | 3-0"     | 8-0"  | 7-0"  | 4-0" | 2-0" | 3-11 1/2" | 5-0"  | 16-0 1/2"  | 5.4              | Yes                   |
| 6-0"                         | 3-0"     | 7-0"  | 7-0"  | 4-0" | 2-0" | 3-10 1/2" | 5-0"  | 15-10 1/2" | 5.2              | Yes                   |
| 6-0"                         | 4-0"     | 8-0"  | 7-0"  | 5-0" | 2-0" | 4-11 1/2" | 7-0"  | 18-0 1/2"  | 6.5              | Yes                   |
| 6-0"                         | 4-0"     | 7-0"  | 7-0"  | 5-0" | 2-0" | 4-10 1/2" | 6-11" | 17-10 1/2" | 6.5              | Yes                   |
| 6-0"                         | 5-0"     | 8-0"  | 7-0"  | 6-0" | 2-0" | 5-11 1/2" | 8-0"  | 20-0 1/2"  | 8.0              | Yes                   |
| 6-0"                         | 5-0"     | 7-0"  | 7-0"  | 6-0" | 2-0" | 5-10 1/2" | 8-0"  | 19-10 1/2" | 7.8              | Yes                   |
| 6-0"                         | 6-0"     | 8-0"  | 7-0"  | 7-0" | 2-0" | 6-11 1/2" | 9-10" | 22-0 1/2"  | 9.5              | Yes                   |
| 6-0"                         | 6-0"     | 7-0"  | 7-0"  | 7-0" | 2-0" | 6-10 1/2" | 9-0"  | 21-10 1/2" | 9.3              | Yes                   |
| 7-0"                         | 2-0"     | 8-0"  | 8-0"  | 3-0" | 2-0" | 3-11 1/2" | 4-0"  | 13-2"      | 4.9              | Yes                   |
| 7-0"                         | 3-0"     | 8-0"  | 8-0"  | 4-0" | 2-0" | 4-11 1/2" | 5-0"  | 17-2 1/2"  | 6.1              | Yes                   |
| 7-0"                         | 4-0"     | 8-0"  | 8-0"  | 5-0" | 2-0" | 4-11 1/2" | 7-0"  | 19-2 1/2"  | 7.4              | Yes                   |
| 7-0"                         | 5-0"     | 8-0"  | 8-0"  | 6-0" | 2-0" | 5-11 1/2" | 8-0"  | 21-2 1/2"  | 8.8              | Yes                   |
| 7-0"                         | 6-0"     | 8-0"  | 8-0"  | 7-0" | 2-0" | 6-11 1/2" | 9-10" | 23-2 1/2"  | 10.2             | Yes                   |
| 8-0"                         | 2-0"     | 9-0"  | 9-0"  | 3-0" | 2-0" | 3-11 1/2" | 4-0"  | 16-2"      | 5.7              | Yes                   |
| 8-0"                         | 3-0"     | 9-0"  | 9-0"  | 4-0" | 2-0" | 4-11 1/2" | 5-0"  | 18-2 1/2"  | 6.7              | Yes                   |
| 8-0"                         | 4-0"     | 9-0"  | 9-0"  | 5-0" | 2-0" | 5-11 1/2" | 6-0"  | 20-2 1/2"  | 7.9              | Yes                   |
| 8-0"                         | 4-0"     | 8-0"  | 8-0"  | 6-0" | 2-0" | 6-11 1/2" | 8-0"  | 22-2 1/2"  | 9.2              | Yes                   |
| 8-0"                         | 6-0"     | 9-0"  | 9-0"  | 7-0" | 2-0" | 7-11 1/2" | 9-10" | 24-2 1/2"  | 11.0             | Yes                   |
| 9-0"                         | 2-0"     | 10-0" | 10-0" | 3-0" | 2-0" | 3-0 1/2"  | 4-0"  | 17-6 1/2"  | 6.2              | Yes                   |
| 9-0"                         | 3-0"     | 10-0" | 10-0" | 4-0" | 2-0" | 4-0 1/2"  | 5-0"  | 19-6 1/2"  | 7.5              | Yes                   |
| 9-0"                         | 4-0"     | 10-0" | 10-0" | 5-0" | 2-0" | 5-0 1/2"  | 7-0"  | 21-6 1/2"  | 9.0              | Yes                   |
| 9-0"                         | 5-0"     | 10-0" | 10-0" | 6-0" | 2-0" | 6-0 1/2"  | 8-0"  | 23-6 1/2"  | 10.6             | Yes                   |
| 9-0"                         | 6-0"     | 10-0" | 10-0" | 7-0" | 2-0" | 7-0 1/2"  | 10-0" | 26-10 1/2" | 13.9             | Yes                   |
| 10-0"                        | 2-0"     | 11-0" | 11-0" | 3-0" | 2-0" | 3-2 1/2"  | 4-0"  | 20-3 1/2"  | 8.2              | No                    |
| 10-0"                        | 3-0"     | 11-0" | 11-0" | 4-0" | 2-0" | 4-2 1/2"  | 5-10" | 20-10 1/2" | 8.6              | No                    |
| 10-0"                        | 4-0"     | 11-0" | 11-0" | 5-0" | 2-0" | 5-2 1/2"  | 7-0"  | 22-10 1/2" | 10.2             | Yes                   |
| 10-0"                        | 5-0"     | 11-0" | 11-0" | 6-0" | 2-0" | 6-2 1/2"  | 8-0"  | 24-10 1/2" | 12.0             | Yes                   |
| 10-0"                        | 6-0"     | 11-0" | 11-0" | 7-0" | 2-0" | 7-2 1/2"  | 10-0" | 26-10 1/2" | 13.9             | Yes                   |
| 11-0"                        | 2-0"     | 11-0" | 11-0" | 3-0" | 2-0" | 3-2 1/2"  | 4-0"  | 20-3 1/2"  | 8.2              | No                    |
| 11-0"                        | 3-0"     | 11-0" | 11-0" | 4-0" | 2-0" | 4-2 1/2"  | 6-0"  | 22-3 1/2"  | 9.8              | No                    |
| 11-0"                        | 4-0"     | 11-0" | 11-0" | 5-0" | 2-0" | 5-2 1/2"  | 7-0"  | 24-1 1/2"  | 11.3             | Yes                   |
| 11-0"                        | 5-0"     | 11-0" | 11-0" | 6-0" | 2-0" | 6-2 1/2"  | 8-0"  | 26-1 1/2"  | 13.3             | Yes                   |
| 11-0"                        | 6-0"     | 11-0" | 11-0" | 7-0" | 2-0" | 7-2 1/2"  | 10-0" | 28-1 1/2"  | 15.5             | Yes                   |
| 12-0"                        | 2-0"     | 12-0" | 12-0" | 3-0" | 2-0" | 3-2 1/2"  | 4-0"  | 21-6 1/2"  | 9.3              | No                    |
| 12-0"                        | 3-0"     | 12-0" | 12-0" | 4-0" | 2-0" | 4-2 1/2"  | 6-0"  | 23-6 1/2"  | 11.1             | No                    |
| 12-0"                        | 4-0"     | 12-0" | 12-0" | 5-0" | 2-0" | 5-2 1/2"  | 7-0"  | 25-6 1/2"  | 13.0             | Yes                   |
| 12-0"                        | 5-0"     | 12-0" | 12-0" | 6-0" | 2-0" | 6-2 1/2"  | 8-11" | 27-6 1/2"  | 14.1             | Yes                   |
| 12-0"                        | 6-0"     | 12-0" | 12-0" | 7-0" | 2-0" | 7-2 1/2"  | 10-0" | 29-6 1/2"  | 17.4             | Yes                   |



**TOEWALL CONSTRUCTION SEQUENCE**

1. Perform excavation and construct towwall.
2. Backfill according to place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in towwall in accordance with Section 510 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 510 of the Standard Specifications.

The Contractor may furnish a precast or cast-in-place towwall. The Contractor shall be responsible for the strength and stability of the precast towwall during handling. Additional lifting points may be required depending upon the length of the towwall or the Contractor may need to modify the design of the towwall for the proposed handling method.

If soil conditions permit, the sides of the towwall may be poured directly against the soil. The clear cover on the sides of the towwall shall be increased to 3" by increasing the thickness of the towwall.

**Notes:**

#1 #8 anchor rods for the culvert ties shall conform to the requirements of ASTM F 1554, Grade 305. Structural steel for the tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie-assembly shall be galvanized according to the requirements of AASHTO M 113 or M 232 as applicable. 2"x2"x1/4" plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional 1/6 turn on one of the nuts for anchor rods installed in the walls. Match marks shall be provided on the joint and not to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

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| DATE -     |           |

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| USER NAME =  | 1007CAD        |
| PLOT SCALE = | 40.0000' / in. |
| PLOT DATE =  | 11/30/2022     |

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|------------|------------|
| DESIGNED - | MBJ        |
| DRAWN -    | MBJ        |
| CHECKED -  | TPP        |
| DATE -     | 11/30/2022 |

|            |           |
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| DESIGNED - | REVISIONS |
| CHECKED -  |           |
| DATE -     |           |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE  
DRAINAGE DETAIL

|            |         |      |        |      |         |
|------------|---------|------|--------|------|---------|
| SCALE: NTS | SHEET 1 | OF 1 | SHEETS | STA. | TO STA. |
|------------|---------|------|--------|------|---------|

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 49        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

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gmccollum@lake-villa.org

**STATE OF ILLINOIS**

L. SCOTT ALLEN RECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SO-DEEP, INC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: \_\_\_\_\_

**SO-DEEP**  
The Subsurface Utility Engineering Company  
1800 Lakes Avenue  
Naperville, IL 60563

DESIGNED - SUBMITTED BY: P.P.  
DRAFTED BY: S.S.  
Checked By: S.K.

Sheet: COVER  
Date: 8-23-2017  
SIXF917

**LEGEND**

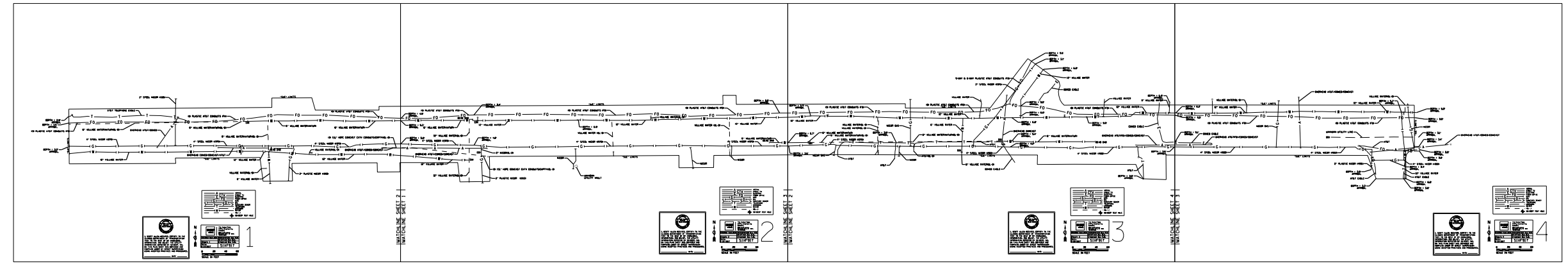
ALL UTILITY INFORMATION HEREON IS DEPICTED TO QUALITY LEVEL "B" (OL-B) UNLESS OTHERWISE NOTED. OL-B INFORMATION IS OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO IDENTIFY THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. OL-B DATA ARE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES AND REDUCED ONTO PLAN DOCUMENTS.

SIZE INFORMATION SHOWN HEREON IS TAKEN FROM AVAILABLE UTILITY RECORDS.

ABBREVIATIONS:  
 (OL-C) DEPICTED ACCORDING TO RECORD INFORMATION AND EXISTING ASSOCIATED UTILITY STRUCTURES. NO ELECTRONIC INFORMATION WAS OBTAINED.  
 (OL-D) DEPICTED ACCORDING TO RECORD INFORMATION. NO ELECTRONIC INFORMATION WAS OBTAINED.  
 (DATF) DEPICTED ACCORDING TO FIELD INSPECTION  
 (FO) FIBER OPTIC  
 (AATUR) ABANDONED ACCORDING TO UTILITY RECORDS  
 (AATFI) ABANDONED ACCORDING TO FIELD INSPECTION  
 (EATFI) EMPTY ACCORDING TO FIELD INSPECTION  
 (EOI) END OF ELECTRONIC DESIGNATING INFORMATION  
 (EOR) END OF UTILITY RECORD INFORMATION  
 (NAC) NO ASSOCIATED CABLE FOUND FROM UTILITY STRUCTURE  
 (NAP) NO ASSOCIATED PIPING FOUND FROM UTILITY STRUCTURE  
 (E) UTILITY ENDPOINT

UNLESS OTHERWISE NOTED, UTILITY LINE LIMITS DEPICTED REPRESENT FIELD DESIGNATING LIMITS AND NOT ENDPOINTS OF UTILITIES. UTILITY INFORMATION LABELED "OL-C" OR "OL-D" IS DERIVED FROM FURNISHED RECORDS. SUCH INFORMATION MAY NOT BE ACCURATE OR RELIABLE. SO-DEEP, INC. EXPRESSLY DISCLAIMS RESPONSIBILITY FOR THE ACCURACY OR RELIABILITY OF UTILITY INFORMATION DEPICTED ACCORDING TO RECORDS.

ELECTRONIC DEPTH READINGS WERE TAKEN DIRECTLY FROM ELECTRONIC DESIGNATING INSTRUMENTS AND HAVE NOT BEEN VERIFIED BY ANY OTHER MEANS. EQUIPMENT MANUFACTURERS WILL NOT GUARANTEE AND ACCURACY FOR THIS DATA. THEREFORE, THE DEPTH READINGS ARE NOT TO BE CONSIDERED SUITABLE FOR DESIGN DECISIONS. SO-DEEP, INC. DOES NOT WARRANT OR GUARANTEE THE ACCURACY OF RELIABILITY OF ANY ELECTRONIC DEPTH READINGS.



\\abna\jobfiles\2015\6119\Cadd\Drawings\052653\_Sht-059\_SUE.dgn



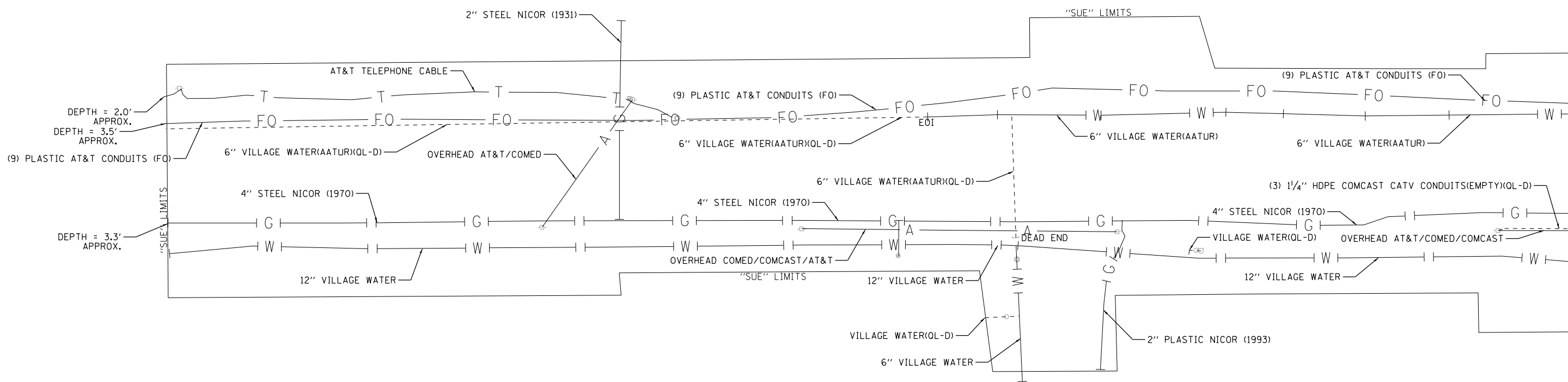
|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MBJ    | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - MBJ       | REVISED - |
| PLOT DATE = 10/18/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE - 10/18/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

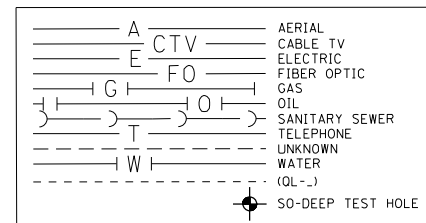
**IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE**  
**S.U.E. PLANS**

SCALE: NTS SHEET 1 OF 5 SHEETS STA. TO STA.

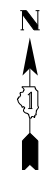
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 50        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |



DEPTH = 2.0' APPROX.  
 DEPTH = 3.5' APPROX.  
 DEPTH = 3.3' APPROX.



I, SCOTT ALLEN WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SO-DEEP, INC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.  
 DATE: \_\_\_\_\_



The Subsurface Utility Engineering Company  
 8397 Euclid Avenue  
 Monroeville, PA 15146  
 724-361-6005  
 D162B61-SUE.DGN Designated By: P.R.  
 Sheet: 1 Drafted By: B.S.  
 Date: 8-23-2017 Checked By: S.W.  
 SIXF917



\\abna\jobfiles\2015\6117\Cadd\Drawings\0162063\Sht-059-SUE.dgn



|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = 1007CAD         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/18/2022      | DATE - 10/18/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

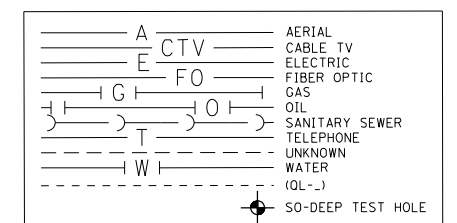
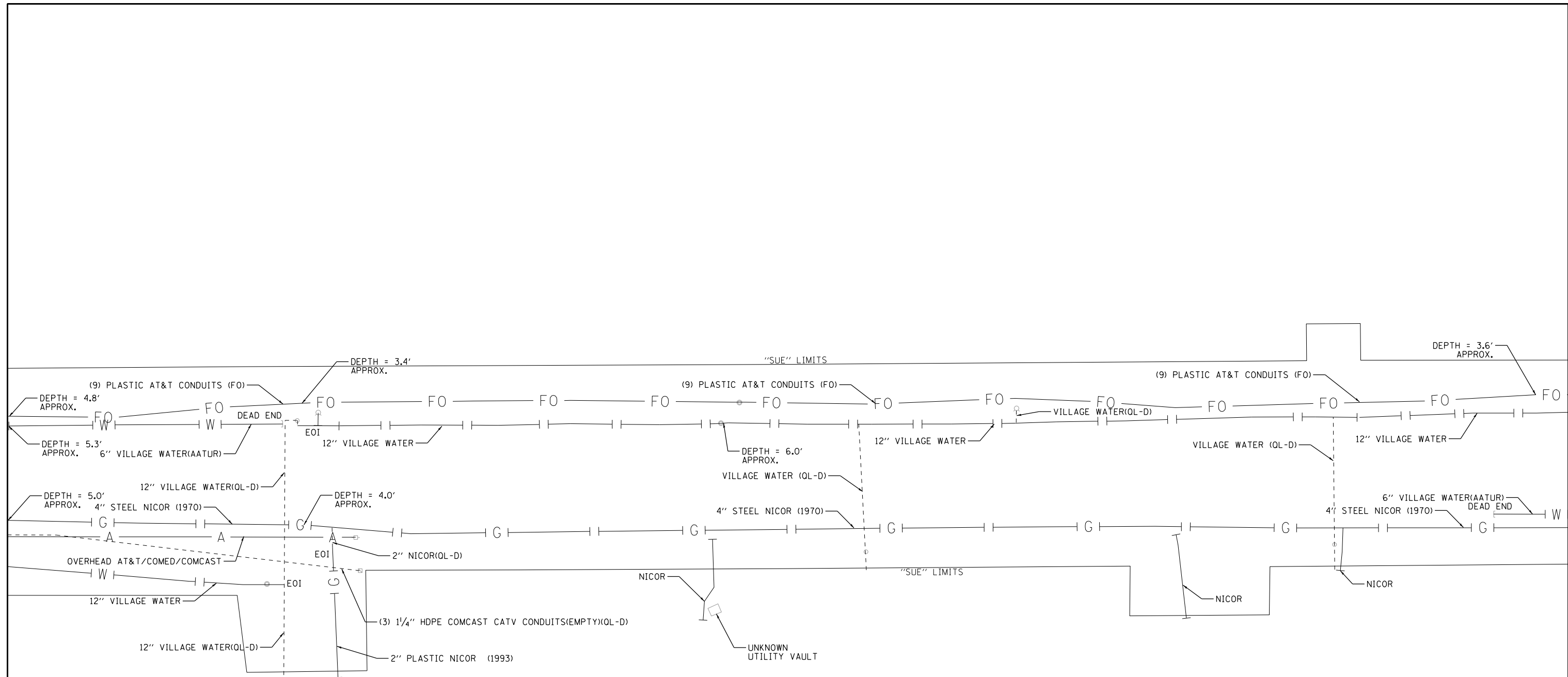
**IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE  
S.U.E. PLANS**


SCALE: 1" = 20' SHEET 2 OF 5 SHEETS STA. TO STA.


| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 51        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

\\abna\jobfiles\2015\61171\cadd\Drawings\0162B61-SUE.dgn

MATCHLINE SHEET 1



  
 I, SCOTT ALLEN WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SO-DEEP, INC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.  
 DATE: \_\_\_\_\_

 The Subsurface Utility Engineering Company  
 8397 Euclid Avenue  
 Manassas Park, VA 20111  
 703-361-6005  
 0162B61-SUE.DGN Designated By: P.R.  
 Sheet: 2 Drafted By: B.S.  
 Date: 8-23-2017 Checked By: S.W.  
 SIXF917



MATCHLINE SHEET 3



|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCAD         | DESIGNED - MBJ    | REVISED - |
|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 40.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/18/2022      | DATE - 10/18/2022 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE  
 S.U.E. PLANS  
 SCALE: 1" = 20' SHEET 3 OF 5 SHEETS STA. TO STA.

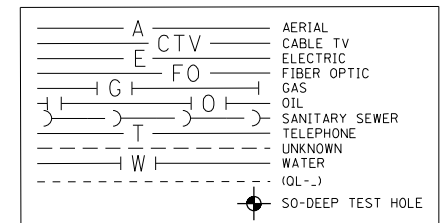
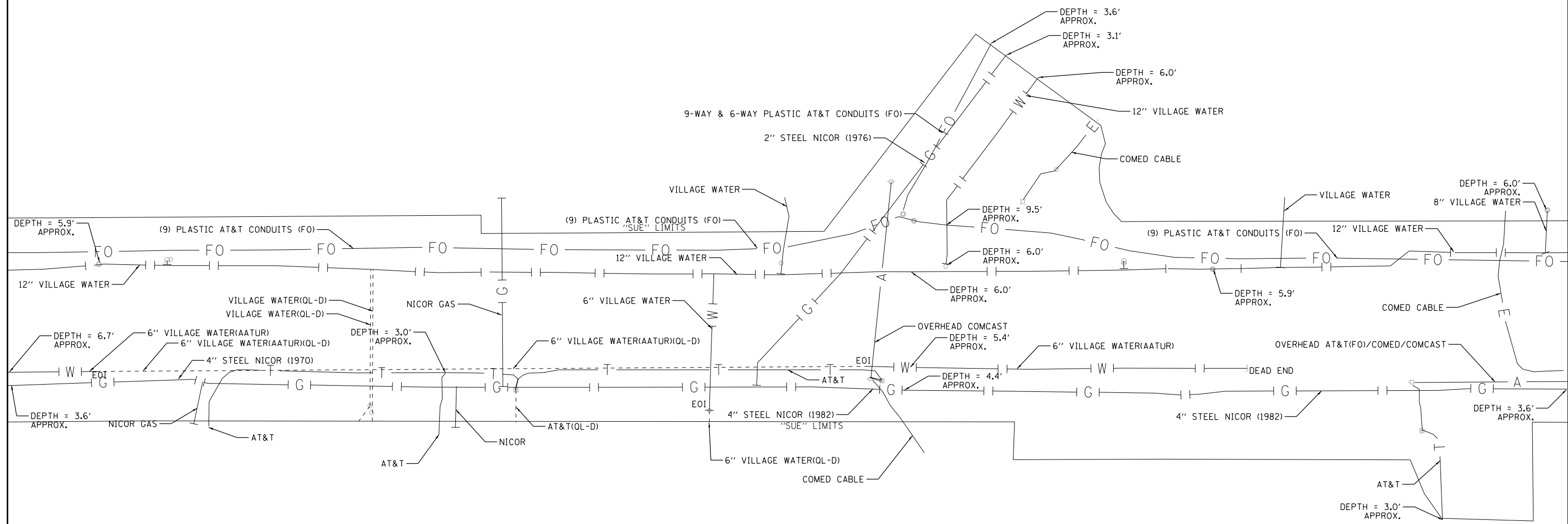
|                           |                   |             |                  |              |
|---------------------------|-------------------|-------------|------------------|--------------|
| F.A.P. RTE. 541           | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 52 |
| CONTRACT NO. 62A53        |                   |             |                  |              |
| ILLINOIS FED. AID PROJECT |                   |             |                  |              |



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MATCHLINE SHEET 2

MATCHLINE SHEET 4



I, SCOTT ALLEN WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SO-DEEP, INC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.  
 DATE: \_\_\_\_\_



The Subsurface Utility Engineering Company  
 8397 Euclid Avenue  
 Monroeville Park, VA 20111  
 703-361-6005  
 D162861-SUE.DGN Designated By: P.R.  
 Sheet: 3 Drafted By: B.S.  
 Date: 8-23-2017 Checked By: S.W.



3



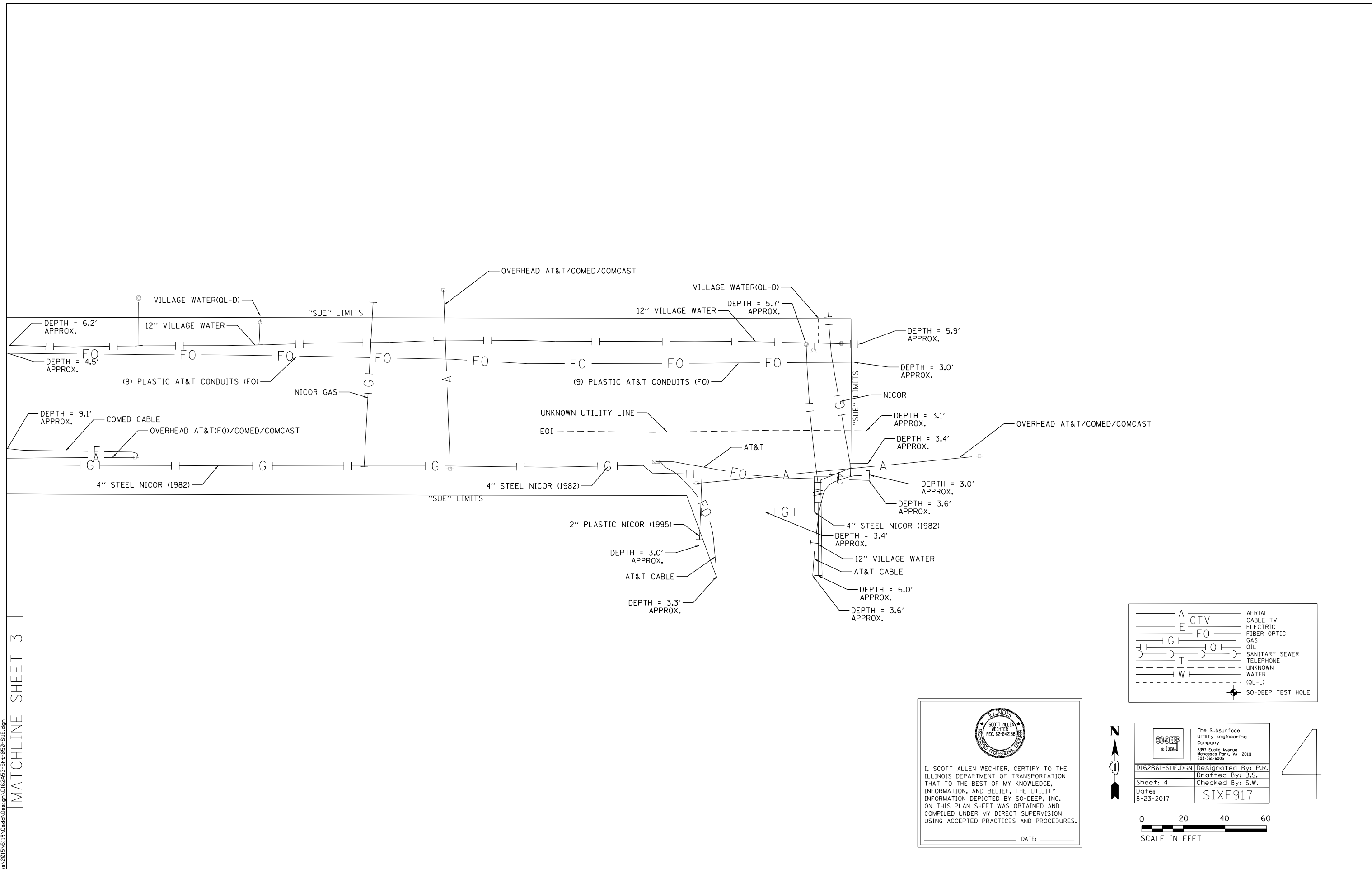
|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = 100TCAD         | DESIGNED - MBJ    | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - MBJ       | REVISED - |
| PLOT DATE = 10/18/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE - 10/18/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**


**IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE**  
**S.U.E. PLANS**  
 SCALE: 1" = 20' SHEET 4 OF 5 SHEETS STA. TO STA.



| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 53        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |


MATCHLINE SHEET 3



|         |                   |
|---------|-------------------|
| — A     | AERIAL            |
| — CTV   | CABLE TV          |
| — E     | ELECTRIC          |
| — FO    | FIBER OPTIC       |
| — G     | GAS               |
| — OI    | OIL               |
| — S     | SANITARY SEWER    |
| — T     | TELEPHONE         |
| — W     | UNKNOWN WATER     |
| — (OL-) | (OL-)             |
| ⊕       | SO-DEEP TEST HOLE |

  
 I, SCOTT ALLEN WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SO-DEEP, INC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.  
 DATE: \_\_\_\_\_

|  |  |   |
|--|--|---|
|  The Subsurface Utility Engineering Company<br>8397 Euclid Avenue<br>Monroeville Park, VA 20111<br>703-361-6005 |  | 4 |
| 0162B61-SUE.DGN Designated By: P.R.<br>Sheet: 4 Drafted By: B.S.   |  |   |
| Date: 8-23-2017 Checked By: S.W.   |  |   |
| SIXF917  |  |   |

|   |  |   |  |   |   |   |   |
|---|--|---|--|---|---|---|---|
|  DESIGN FIRM REG. 184.002117 | USER NAME = 100TCAD<br>PLOT SCALE = 40.0000' / in.<br>PLOT DATE = 10/18/2022 | DESIGNED - MBJ<br>DRAWN - MBJ<br>CHECKED - TPP<br>DATE - 10/18/2022 | REVISED -<br>REVISED -<br>REVISED -<br>REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE</b><br><b>S.U.E. PLANS</b> | F.A.P. RTE. 541<br>SECTION WR(2)-R-1<br>COUNTY LAKE<br>TOTAL SHEETS 164<br>SHEET NO. 54 | <b>CONTRACT NO. 62A53</b><br><small>ILLINOIS FED. AID PROJECT</small> |
|   |  |   |  |   | SCALE: 1" = 20'<br>SHEET 5 OF 5 SHEETS<br>STA. _____ TO STA. _____              |   |   |

PART OF THE NE 1/4 OF SEC. 5, TWP. 45 N., R. 10 E. AND PART OF THE SE 1/4 OF SEC. 32, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | SQUARE FEET | PERMANENT INDEX NUMBER         |
|---------------|----------------------|------------------|-------------------------------|----------------------|---------------------|-------------|--------------------------------|
| 1M20001T.E.   | 0.493                | N/A              | N/A                           | 0.493                | 0.008               | 349         | 06-05-200-008                  |
| 1M20002T.E.   | 0.642                | N/A              | N/A                           | 0.642                | 0.018               | N/A         | 02-32-401-013                  |
| 1M20003T.E.   | 0.321                | N/A              | N/A                           | 0.321                | 0.018               | N/A         | 06-05-201-001<br>06-05-201-002 |

### LEGEND

SECTION CORNER: 9 10 16 15

QUARTER SECTION CORNER: 16 15

SECTION LINE  
 QUARTER SECTION LINE  
 QUARTER, QUARTER SECTION LINE  
 PLATTED LOT LINE  
 PROPERTY (DEED) LINE

APL  
 APPARENT PROPERTY LINE  
 EXISTING CENTER LINE  
 PROPOSED CENTER LINE  
 EXISTING RIGHT OF WAY LINE  
 PROPOSED RIGHT OF WAY LINE  
 EXISTING EASEMENT  
 PROPOSED EASEMENT  
 EXISTING ACCESS CONTROL LINE  
 PROPOSED ACCESS CONTROL LINE  
 MEASURED DIMENSION  
 COMPUTED DIMENSION  
 RECORD DIMENSION

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone, at Found National Geodetic Survey Monuments LAK45 1A P.I.D. AJ2896 and LAK173 1B, P.I.D. AJ2911

○ IRON PIPE OR ROD FOUND      ⊕ "MAG" NAIL SET  
 + CUT CROSS FOUND OR SET      ● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 5, TOWNSHIP 45N., RANGE 10E. AND SECTION 32, TOWNSHIP 46N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF. THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 18<sup>TH</sup> DAY OF September 2017 A.D.

*Christian H. Jorgensen* PRESIDENT  
 2787 PROFESSIONAL LAND SURVEYOR  
 STATE OF ILLINOIS  
 LAKE VILLA, ILLINOIS

JORGENSEN & ASSOCIATES, INC.  
 120 PARK AVENUE  
 LAKE VILLA, ILLINOIS 60046  
 (847) 356-3371

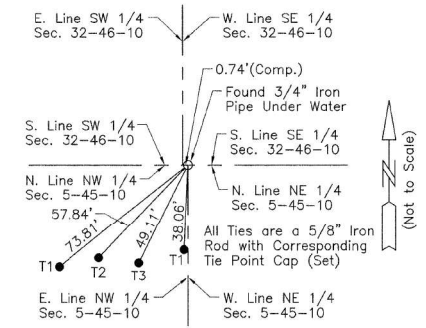
#### EXISTING R.O.W. RECORDED INFORMATION

| Parcel  | Document No. | Date Recorded      |
|---------|--------------|--------------------|
| 1M20002 | 40096        | July 24, 1889      |
| 1M20002 | 467769       | September 16, 1939 |
| 1M20003 | 243776       | August 1, 1924     |
| -----   | 40096        | July 24, 1889      |
| -----   | 243776       | August 1, 1924     |
| -----   | 4372763      | June 10, 1999      |

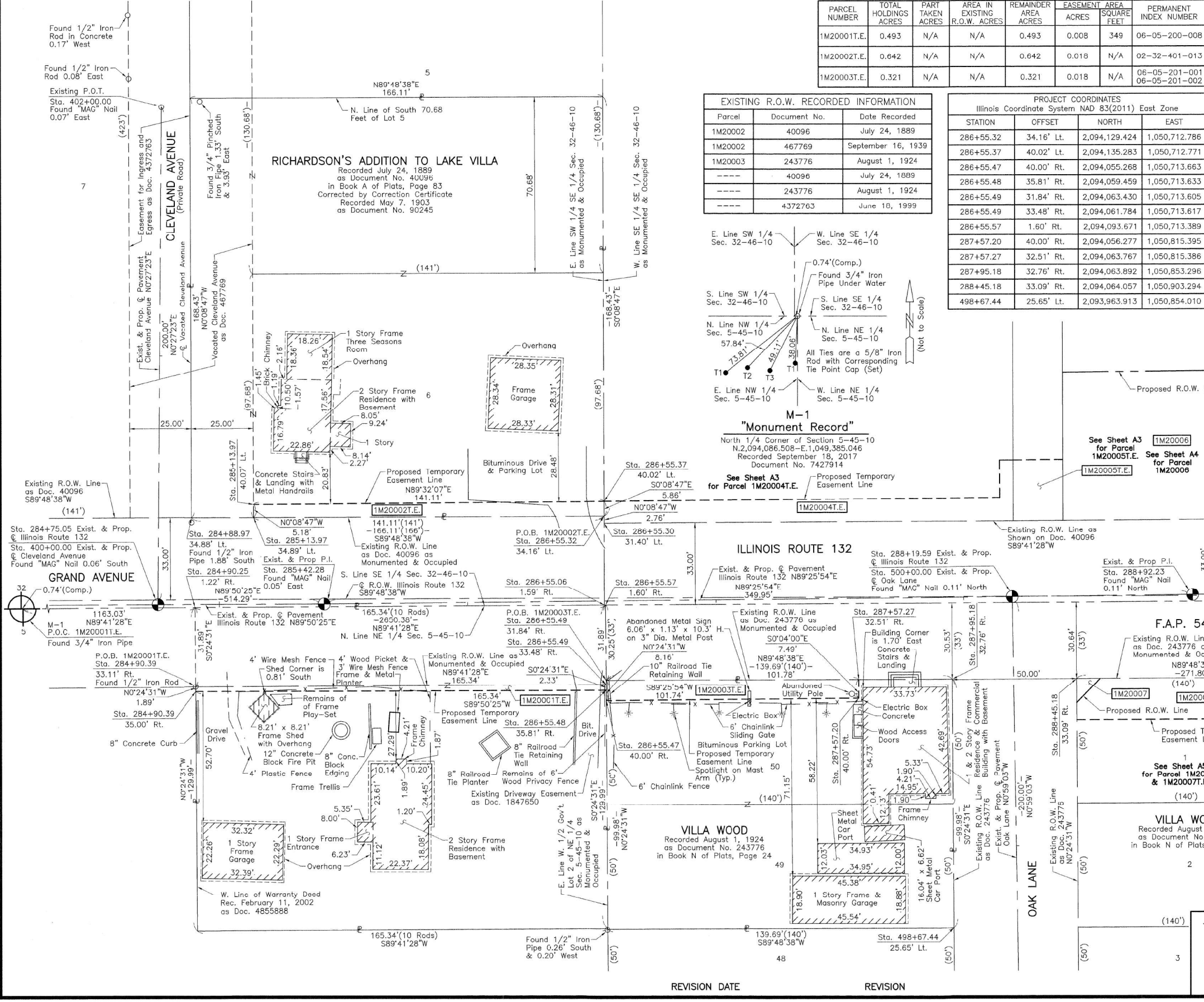
#### PROJECT COORDINATES

Illinois Coordinate System NAD 83(2011) East Zone

| STATION   | OFFSET     | NORTH         | EAST          |
|-----------|------------|---------------|---------------|
| 286+55.32 | 34.16' Lt. | 2,094,129.424 | 1,050,712.786 |
| 286+55.37 | 40.02' Lt. | 2,094,135.283 | 1,050,712.771 |
| 286+55.47 | 40.00' Rt. | 2,094,055.268 | 1,050,713.663 |
| 286+55.48 | 35.81' Rt. | 2,094,059.459 | 1,050,713.633 |
| 286+55.49 | 31.84' Rt. | 2,094,063.430 | 1,050,713.605 |
| 286+55.49 | 33.48' Rt. | 2,094,061.784 | 1,050,713.617 |
| 286+55.57 | 1.60' Rt.  | 2,094,093.671 | 1,050,713.389 |
| 287+57.20 | 40.00' Rt. | 2,094,056.277 | 1,050,815.395 |
| 287+57.27 | 32.51' Rt. | 2,094,063.767 | 1,050,815.386 |
| 287+95.18 | 32.76' Rt. | 2,094,063.892 | 1,050,853.296 |
| 288+45.18 | 33.09' Rt. | 2,094,064.057 | 1,050,903.294 |
| 498+67.44 | 25.65' Lt. | 2,093,963.913 | 1,050,854.010 |



**M-1 "Monument Record"**  
 North 1/4 Corner of Section 5-45-10  
 N.2,094,086,508-E.1,049,385,046  
 Recorded September 18, 2017  
 Document No. 7427914



#### PROJECT COORDINATES

Illinois Coordinate System NAD 83(2011) East Zone

| STATION   | OFFSET     | NORTH         | EAST          |
|-----------|------------|---------------|---------------|
| 284+88.97 | 34.88' Lt. | 2,094,128.875 | 1,050,546.676 |
| 284+90.25 | 1.22' Rt.  | 2,094,092.779 | 1,050,548.055 |
| 284+90.39 | 33.11' Rt. | 2,094,060.893 | 1,050,548.283 |
| 284+90.39 | 35.00' Rt. | 2,094,058.999 | 1,050,548.296 |
| 285+13.97 | 34.89' Lt. | 2,094,128.958 | 1,050,571.674 |
| 285+13.97 | 40.07' Lt. | 2,094,134.139 | 1,050,571.661 |
| 286+55.06 | 1.59' Rt.  | 2,094,093.668 | 1,050,712.877 |
| 286+55.30 | 31.40' Lt. | 2,094,126.666 | 1,050,712.793 |

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 F.A.P. 541 (ILLINOIS ROUTE 132)

LIMITS: OAK LANE TO MCKINLEY AVENUE

COUNTY: LAKE  
 JOB NO.: R-91-036-13

SECTION: STATION 284+00 TO STATION 289+00  
 STATION 400+00.00 TO STATION 402+00.00  
 STATION 498+00 TO STATION 500+00.00  
 SCALE: 1"=20' SHEET A2 OF A11

**BUREAU OF LAND ACQUISITION**  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196

| REVISION DATE | REVISION |
|---------------|----------|
|               |          |



| USER NAME = IDOTCAD | DESIGNED - MBJ    | REVISED - |
|---------------------|-------------------|-----------|
|                     | DRAWN - MBJ       | REVISED - |
|                     | CHECKED - TPP     | REVISED - |
|                     | DATE - 10/18/2022 | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE**  
**PLAT OF HIGHWAYS**  
 SCALE: NTS SHEET 1 OF 12 SHEETS STA. TO STA.

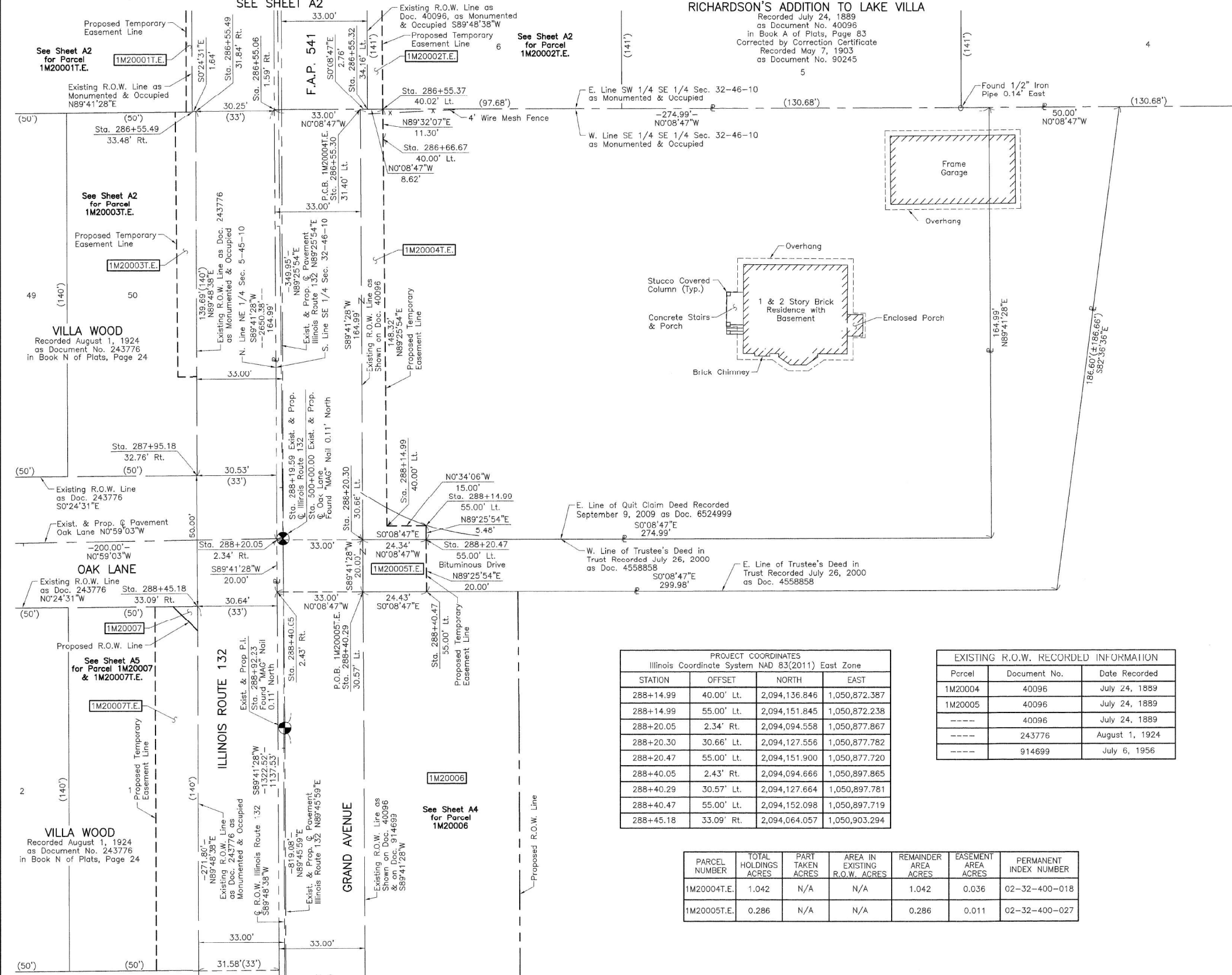
| F.A.P. RTE. | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-----------|--------|--------------|-----------|
| 541         | WR(2)-R-1 | LAKE   | 164          | 55        |

CONTRACT NO. 62A53  
 ILLINOIS FED. AID PROJECT

PART OF THE NE 1/4 OF SEC. 5, TWP. 45 N., R. 10 E. AND PART OF THE SE 1/4 OF SEC. 32, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

SEE SHEET A2

RICHARDSON'S ADDITION TO LAKE VILLA



### LEGEND

SECTION CORNER: 9 10 16 15  
 QUARTER SECTION CORNER: 16 15

SECTION LINE  
 QUARTER SECTION LINE  
 QUARTER, QUARTER SECTION LINE  
 PLATTED LOT LINE  
 PROPERTY (DEED) LINE

APL  
 APPARENT PROPERTY LINE  
 EXISTING CENTER LINE  
 PROPOSED CENTER LINE  
 EXISTING RIGHT OF WAY LINE  
 PROPOSED RIGHT OF WAY LINE  
 EXISTING EASEMENT  
 PROPOSED EASEMENT  
 EXISTING ACCESS CONTROL LINE  
 PROPOSED ACCESS CONTROL LINE  
 MEASURED DIMENSION  
 COMPUTED DIMENSION  
 RECORD DIMENSION

EXISTING BUILDING

IRON PIPE OR ROD FOUND  
 CUT CROSS FOUND OR SET  
 STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.  
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
 PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)  
 RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
 COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM AND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 5, TOWNSHIP 45N., RANGE 10E. AND SECTION 32, TOWNSHIP 46N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF. THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 13th DAY OF September 20 22 A.D.

CHRISTIAN H. JORGENSEN  
 2787 PROFESSIONAL LAND SURVEYOR  
 STATE OF ILLINOIS  
 LAKE VILLA, ILLINOIS

Christian H. Jorgensen PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE, NOVEMBER 30, 2018  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

All dimensions are measured unless otherwise specified.  
 Areas shown on this plat are ground.  
 To obtain ground distances, divide grid distances shown by the combined factor of 0.9999481734.

| PROJECT COORDINATES                               |            |               |               |
|---|------------|---------------|---------------|
| Illinois Coordinate System NAD 83(2011) East Zone |            |               |               |
| STATION   | OFFSET     | NORTH         | EAST          |
| 288+14.99   | 40.00' Lt. | 2,094,136.846 | 1,050,872.387 |
| 288+14.99   | 55.00' Lt. | 2,094,151.845 | 1,050,872.238 |
| 288+20.05   | 2.34' Rt.  | 2,094,094.558 | 1,050,877.867 |
| 288+20.30   | 30.66' Lt. | 2,094,127.556 | 1,050,877.782 |
| 288+20.47   | 55.00' Lt. | 2,094,151.900 | 1,050,877.720 |
| 288+40.05   | 2.43' Rt.  | 2,094,094.666 | 1,050,897.865 |
| 288+40.29   | 30.57' Lt. | 2,094,127.664 | 1,050,897.781 |
| 288+40.47   | 55.00' Lt. | 2,094,152.098 | 1,050,897.719 |
| 288+45.18   | 33.09' Rt. | 2,094,064.057 | 1,050,903.294 |

| EXISTING R.O.W. RECORDED INFORMATION |              |                |  |
|--------------------------------------|--------------|----------------|--|
| Parcel                               | Document No. | Date Recorded  |  |
| 1M20004                              | 40096        | July 24, 1889  |  |
| 1M20005                              | 40096        | July 24, 1889  |  |
| ----                                 | 40096        | July 24, 1889  |  |
| ----                                 | 243776       | August 1, 1924 |  |
| ----                                 | 914699       | July 6, 1956   |  |

| PROJECT COORDINATES                               |            |               |               |
|---|------------|---------------|---------------|
| Illinois Coordinate System NAD 83(2011) East Zone |            |               |               |
| STATION   | OFFSET     | NORTH         | EAST          |
| 286+55.06   | 1.59' Rt.  | 2,094,093.668 | 1,050,712.877 |
| 286+55.30   | 31.40' Lt. | 2,094,126.666 | 1,050,712.793 |
| 286+55.32   | 34.16' Lt. | 2,094,129.424 | 1,050,712.786 |
| 286+55.37   | 40.02' Lt. | 2,094,135.283 | 1,050,712.771 |
| 286+55.49   | 31.84' Rt. | 2,094,063.430 | 1,050,713.605 |
| 286+55.49   | 33.48' Rt. | 2,094,061.784 | 1,050,713.617 |
| 286+66.67   | 40.00' Lt. | 2,094,135.375 | 1,050,724.070 |
| 287+95.18   | 32.76' Rt. | 2,094,063.892 | 1,050,853.296 |

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | PERMANENT INDEX NUMBER |
|---------------|----------------------|------------------|-------------------------------|----------------------|---------------------|------------------------|
| 1M20004T.E.   | 1.042                | N/A              | N/A                           | 1.042                | 0.036               | 02-32-400-018          |
| 1M20005T.E.   | 0.286                | N/A              | N/A                           | 0.286                | 0.011               | 02-32-400-027          |

JORGENSEN & ASSOCIATES, INC.  
 120 PARK AVENUE  
 LAKE VILLA, ILLINOIS 60046  
 (847) 356-3371

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 F.A.P. 541 (ILLINOIS ROUTE 132)  
 LIMITS: OAK LANE TO MCKINLEY AVENUE  
 COUNTY: LAKE  
 SECTION: 541  
 JOB NO.: R-91-036-13  
 STATION 286+00 TO STATION 290+00  
 STATION 499+00 TO STATION 500+00.00  
 SCALE: 1"=20'  
 SHEET A3 OF A11

**BUREAU OF LAND ACQUISITION**  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196

REVISION DATE REVISION

\\abna\jobfiles\2015\6119\cad\Drawings\01620653\_Sht-055-066-Plat.dwg



|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MBJ    | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - MBJ       | REVISED - |
| PLOT DATE = 10/18/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE - 10/18/2022 | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
 PLAT OF HIGHWAYS  
 SCALE: NTS SHEET 2 OF 12 SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO.          |
|---------------------------|-----------|--------|--------------|--------------------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 56                 |
|                           |           |        |              | CONTRACT NO. 62A53 |
| ILLINOIS FED. AID PROJECT |           |        |              |                    |



PART OF THE NE 1/4 OF SEC. 5, TWP. 45 N., R. 10 E. AND PART OF THE SE 1/4 OF SEC. 32, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

| PROJECT COORDINATES                               |            |               |               |  |
|---|------------|---------------|---------------|--|
| Illinois Coordinate System NAD 83(2011) East Zone |            |               |               |  |
| STATION   | OFFSET     | NORTH         | EAST          |  |
| 297+11.52*  | 90.00' Lt. | 2,094,190.953 | 1,051,768.934 |  |
| 298+45.35   | 90.00' Lt. | 2,094,190.863 | 1,051,903.196 |  |
| 298+45.52   | 32.22' Lt. | 2,094,133.086 | 1,051,903.320 |  |
| 298+45.61   | 0.78' Rt.  | 2,094,100.087 | 1,051,903.392 |  |
| 299+77.60   | 0.03' Lt.  | 2,094,100.799 | 1,052,035.383 |  |

\* Back Tangent Extended Forward

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | PERMANENT INDEX NUMBER  |
|---------------|----------------------|------------------|-------------------------------|----------------------|---------------------|---|
| 1M20006       | 65.126               | 2.125            | 0.762                         | 63.001               | N/A                 | 02-32-400-026<br>02-33-300-002<br>02-32-400-002(Pt)<br>02-33-300-003<br>02-33-300-004 |

### LEGEND

SECTION CORNER: 9 10 / 16 15  
QUARTER SECTION CORNER: 16 15

SECTION LINE  
QUARTER SECTION LINE  
QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

ADL  
APPARENT PROPERTY LINE  
EXISTING CENTER LINE  
PROPOSED CENTER LINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
EXISTING EASEMENT  
PROPOSED EASEMENT  
EXISTING ACCESS CONTROL LINE  
PROPOSED ACCESS CONTROL LINE  
MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORD DIMENSION

EXISTING BUILDING  
Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone, at Found National Geodetic Survey Monuments LAK45 1A P.I.D. AJ2896 and LAK173 1B, P.I.D. AJ2911

○ IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET  
+ CUT CROSS FOUND OR SET ● 5/8" REBAR SET

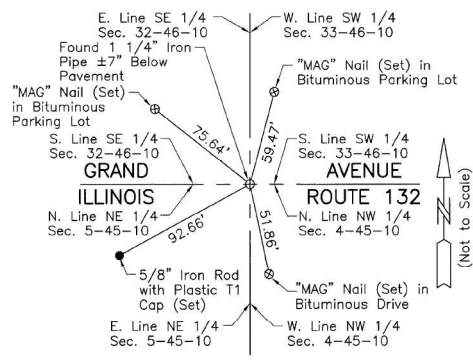
■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.  
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.  
● PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)  
□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
COUNTY OF LAKE }  
SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 5, TOWNSHIP 45N., RANGE 10E. AND SECTION 32, TOWNSHIP 46N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
DATED AT LAKE VILLA, ILLINOIS THIS 18th DAY OF September 2017 A.D.

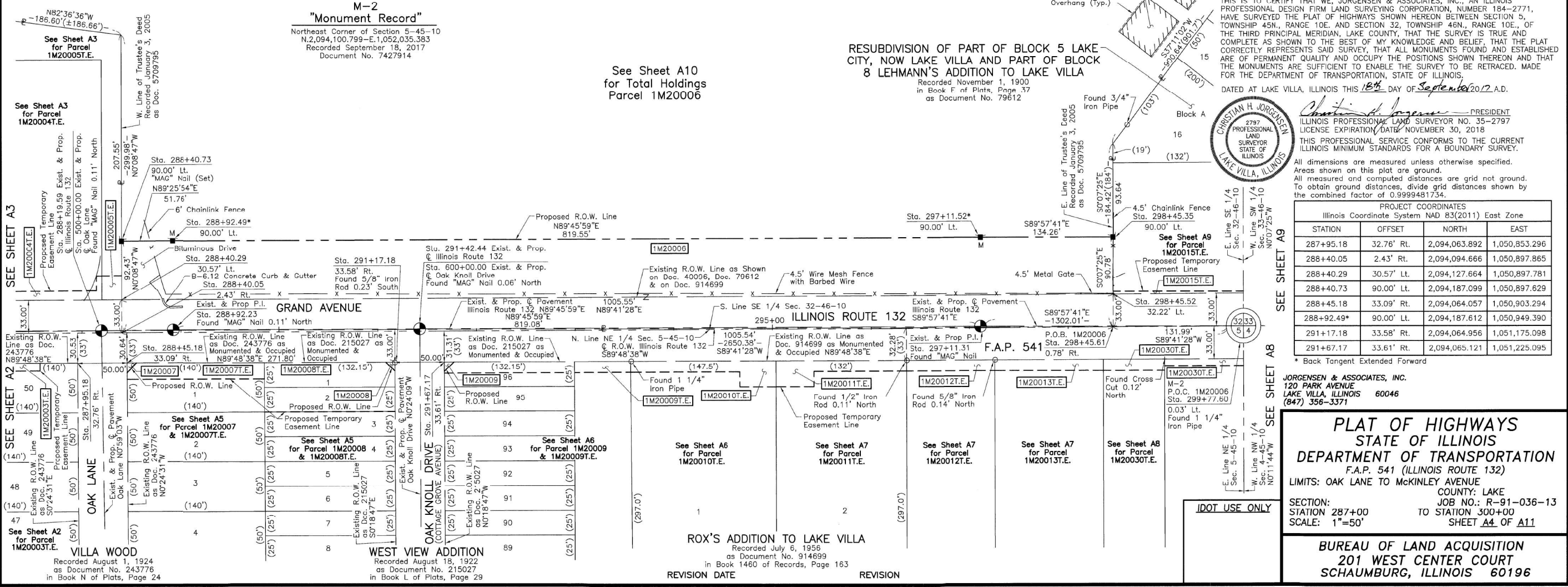
CHRISTIAN H. JORGENSEN  
2797 PROFESSIONAL LAND SURVEYOR  
STATE OF ILLINOIS  
LAKE VILLA, ILLINOIS

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.  
AREAS SHOWN ON THIS PLAT ARE GROUND.  
ALL MEASURED AND COMPUTED DISTANCES ARE GRID NOT GROUND.  
TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.9999481734.



#### EXISTING R.O.W. RECORDED INFORMATION

| Parcel  | Document No. | Date Recorded    |
|---------|--------------|------------------|
| 1M20006 | 40096        | July 24, 1889    |
| 1M20006 | 79612        | November 1, 1900 |
| 1M20006 | 914699       | July 6, 1956     |
| -----   | 215027       | August 18, 1922  |
| -----   | 243776       | August 1, 1924   |
| -----   | 914699       | July 6, 1956     |



#### PROJECT COORDINATES

| Illinois Coordinate System NAD 83(2011) East Zone |            |               |               |  |
|---|------------|---------------|---------------|--|
| STATION   | OFFSET     | NORTH         | EAST          |  |
| 287+95.18   | 32.76' Rt. | 2,094,063.892 | 1,050,853.296 |  |
| 288+40.05   | 2.43' Rt.  | 2,094,094.666 | 1,050,897.865 |  |
| 288+40.29   | 30.57' Lt. | 2,094,127.664 | 1,050,897.781 |  |
| 288+40.73   | 90.00' Lt. | 2,094,187.099 | 1,050,897.629 |  |
| 288+45.18   | 33.09' Rt. | 2,094,064.057 | 1,050,903.294 |  |
| 288+92.49*  | 90.00' Lt. | 2,094,187.612 | 1,050,949.390 |  |
| 291+17.18   | 33.58' Rt. | 2,094,064.956 | 1,051,175.098 |  |
| 291+67.17   | 33.61' Rt. | 2,094,065.121 | 1,051,225.095 |  |

\* Back Tangent Extended Forward

JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

### PLAT OF HIGHWAYS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 541 (ILLINOIS ROUTE 132)  
LIMITS: OAK LANE TO MCKINLEY AVENUE

SECTION: 541  
STATION: 287+00 TO STATION 300+00  
SCALE: 1"=50'

COUNTY: LAKE  
JOB NO.: R-91-036-13  
SHEET A4 OF A11

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = IDOTCAD         | DESIGNED - MJB    | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - MJB       | REVISED - |
| PLOT DATE = 10/18/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE = 10/18/2022 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

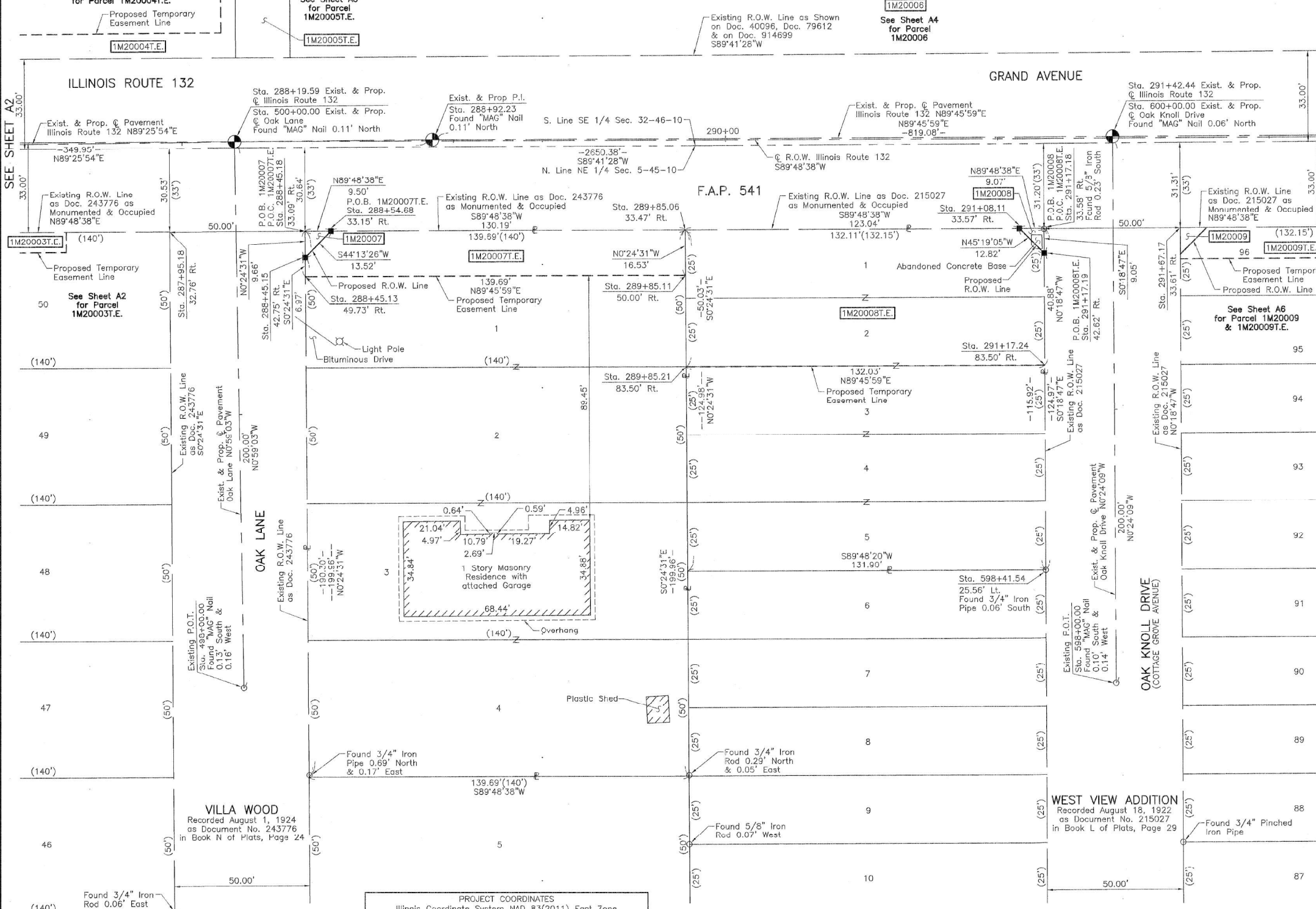
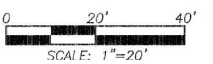
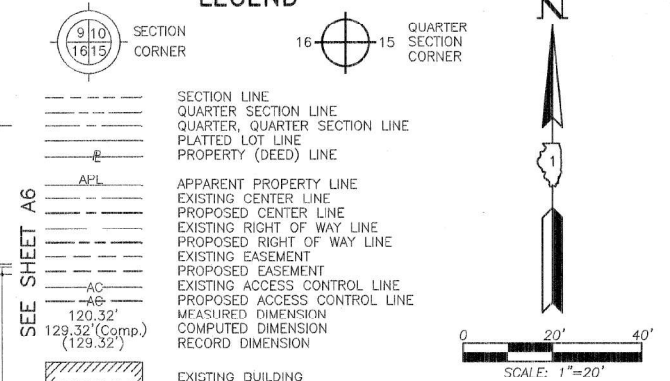
IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
PLAT OF HIGHWAYS  
SCALE: NTS SHEET 3 OF 12 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-----------|--------|--------------|-----------|
| 541         | WR(2)-R-1 | LAKE   | 164          | 57        |

CONTRACT NO. 62A53  
ILLINOIS FED. AID PROJECT

PART OF THE NE 1/4 OF SEC. 5, TWP. 45 N., R. 10 E. AND PART OF THE SE 1/4 OF SEC. 32, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.  
SEE SHEET A4

LEGEND



Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone, at Found National Geodetic Survey Monuments LAK45 1A P.I.D. AJ2896 and LAK173 1B. P.I.D. AJ2911

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 5, TOWNSHIP 45N., RANGE 10E. AND SECTION 32, TOWNSHIP 46N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 13<sup>TH</sup> DAY OF September 2012 A.D.

STATE OF ILLINOIS }  
COUNTY OF LAKE } SS

CHRISTIAN H. JORGENSEN  
2797 PROFESSIONAL LAND SURVEYOR  
STATE OF ILLINOIS  
LAKE VILLA, ILLINOIS

Christian H. Jorgensen  
PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
All dimensions are measured unless otherwise specified.  
Areas shown on this plat are ground.  
All measured and computed distances are grid not ground.  
To obtain ground distances, divide grid distances shown by the combined factor of 0.9999481734.

PROJECT COORDINATES  
Illinois Coordinate System NAD 83(2011) East Zone

| STATION   | OFFSET     | NORTH         | EAST          |
|-----------|------------|---------------|---------------|
| 287+95.18 | 32.76' Rt. | 2,094,063.892 | 1,050,853.296 |
| 288+45.13 | 49.73' Rt. | 2,094,047.424 | 1,050,903.413 |
| 288+45.15 | 42.75' Rt. | 2,094,054.398 | 1,050,903.363 |
| 288+45.18 | 33.09' Rt. | 2,094,064.057 | 1,050,903.294 |
| 288+54.68 | 33.15' Rt. | 2,094,064.089 | 1,050,912.795 |
| 289+85.06 | 33.47' Rt. | 2,094,064.519 | 1,051,042.985 |
| 289+85.11 | 50.00' Rt. | 2,094,047.993 | 1,051,043.103 |
| 289+85.21 | 83.50' Rt. | 2,094,014.494 | 1,051,043.342 |

JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(647) 356-3371

PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
F.A.P. 541 (ILLINOIS ROUTE 132)  
LIMITS: OAK LANE TO MCKINLEY AVENUE

SECTION: STATION 287+00 TO STATION 292+00  
STATION 498+00.00 TO STATION 500+00.00  
STATION 598+00.00 TO STATION 600+00.00  
SCALE: 1"=20'  
SHEET A5 OF A11

BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

EXISTING R.O.W. RECORDED INFORMATION

| Parcel  | Document No. | Date Recorded    |
|---------|--------------|------------------|
| 1M20007 | 243776       | August 1, 1924   |
| 1M20008 | 215027       | August 18, 1922  |
| -----   | 40096        | July 24, 1889    |
| -----   | 79612        | November 1, 1900 |
| -----   | 215027       | August 18, 1922  |
| -----   | 243776       | August 1, 1924   |
| -----   | 914699       | July 6, 1956     |

PROJECT COORDINATES  
Illinois Coordinate System NAD 83(2011) East Zone

| STATION   | OFFSET     | NORTH         | EAST          |
|-----------|------------|---------------|---------------|
| 291+08.11 | 33.57' Rt. | 2,094,064.926 | 1,051,166.029 |
| 291+17.18 | 33.58' Rt. | 2,094,064.956 | 1,051,175.098 |
| 291+17.19 | 42.62' Rt. | 2,094,055.909 | 1,051,175.147 |
| 291+17.24 | 83.50' Rt. | 2,094,015.032 | 1,051,175.370 |
| 291+67.17 | 33.61' Rt. | 2,094,065.121 | 1,051,225.095 |
| 598+41.54 | 25.56' Lt. | 2,093,939.993 | 1,051,175.780 |

| PARCEL NUMBER         | TOTAL HOLDINGS ACRES | PART ACRES | TAKEN SQUARE FEET | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | PERMANENT INDEX NUMBER  |
|-----------------------|----------------------|------------|-------------------|-------------------------------|----------------------|---------------------|---|
| 1M20007<br>1M20007.E. | 0.641                | 0.001      | 46                | N/A                           | 0.640                | 0.052               | 06-05-201-025<br>06-05-201-026<br>06-05-201-027<br>06-05-201-028                  |
| 1M20008<br>1M20008.E. | 0.379                | 0.001      | 41                | N/A                           | 0.378                | 0.151               | 08-05-201-051<br>06-05-201-052<br>06-05-201-053<br>06-05-201-054<br>06-05-201-055 |

REVISION DATE July 30, 2018 REVISION Configuration Parcel 1M20008.E.

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| USER NAME | DESIGNED | REVISION |
|-----------|----------|----------|
| IDOTCAD   | MBJ      | -        |
|           | MBJ      | -        |
|           | TPP      | -        |
|           |          | -        |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
PLAT OF HIGHWAYS  
SCALE: NTS SHEET 4 OF 12 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-----------|--------|--------------|-----------|
| 541         | WR(2)-R-1 | LAKE   | 164          | 58        |

CONTRACT NO. 62A53  
ILLINOIS FED. AID PROJECT

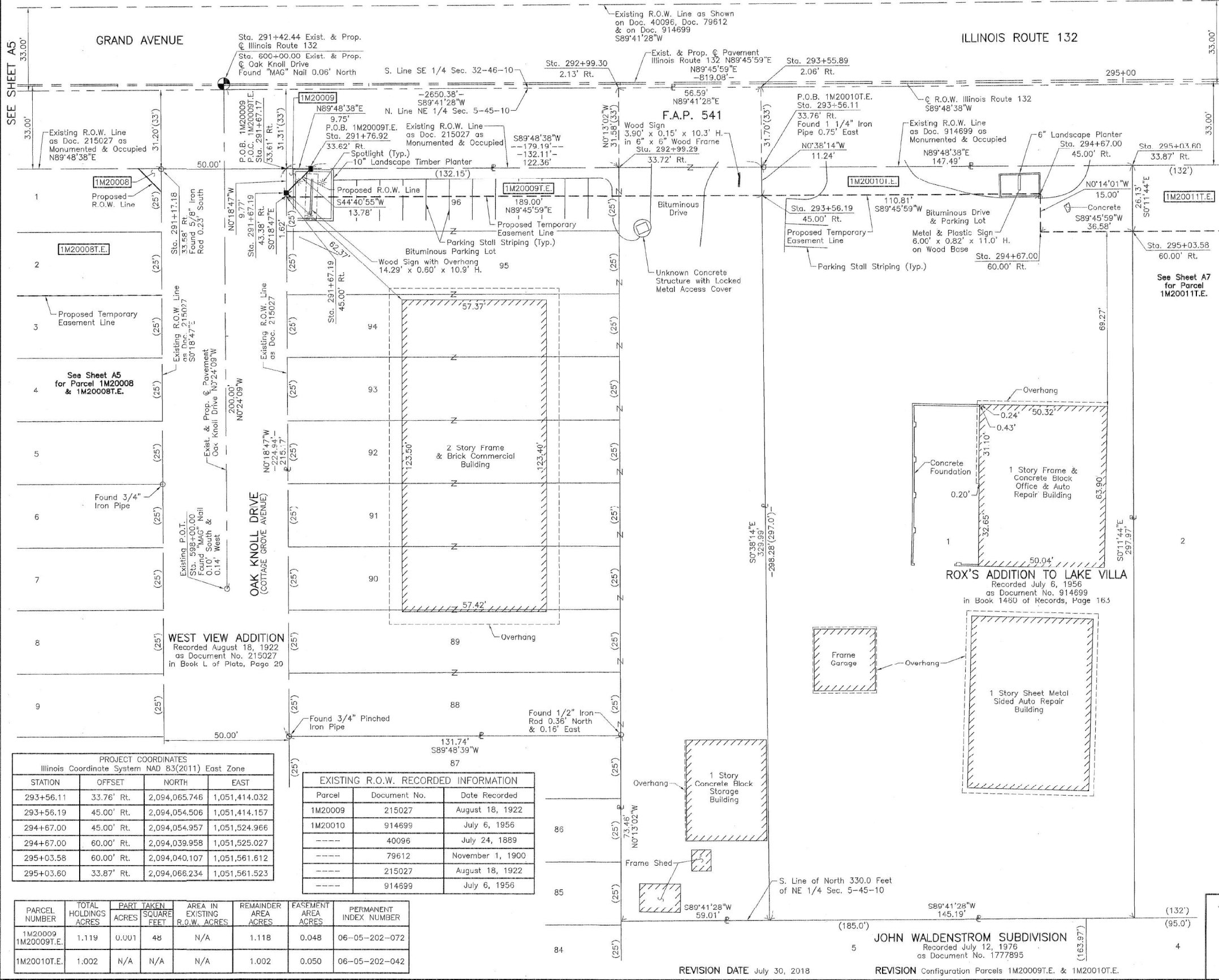
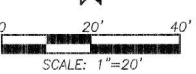
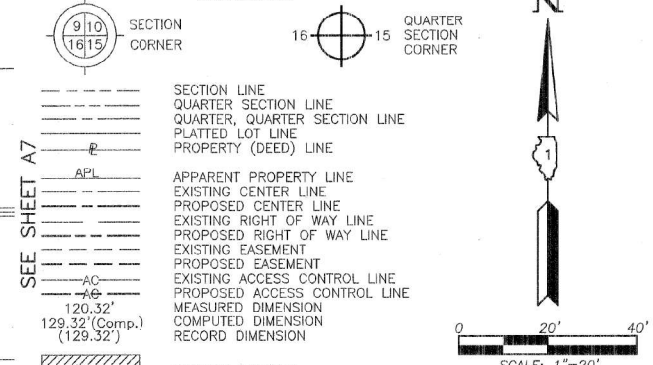


PART OF THE NE 1/4 OF SEC. 5, TWP. 45 N., R. 10 E. AND PART OF THE SE 1/4 OF SEC. 32, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

See Sheet A4  
for Parcel  
1M20006

SEE SHEET A4  
1M20006

LEGEND



BEARINGS AND COORDINATES are referenced to the Illinois Coordinate System NAD 83(2011) East Zone, at Found National Geodetic Survey Monuments LAK45 1A P.I.D. AJ2896 and LAK173 1B, P.I.D. AJ2911

IRON PIPE OR ROD FOUND      "MAG" NAIL SET  
 + CUT CROSS FOUND OR SET      ● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
 COUNTY OF LAKE }  
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 5, TOWNSHIP 45N., RANGE 10E. AND SECTION 32, TOWNSHIP 46N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 13th DAY OF September 2017 A.D.



*Christian H. Jorgensen* PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

All dimensions are measured unless otherwise specified.  
 Areas shown on this plat are ground.  
 All measured and computed distances are grid not ground.  
 To obtain ground distances, divide grid distances shown by the combined factor of 0.9999481734.

| PROJECT COORDINATES<br>Illinois Coordinate System NAD 83(2011) East Zone |            |               |               |
|--|------------|---------------|---------------|
| STATION  | OFFSET     | NORTH         | EAST          |
| 291+17.18  | 33.58' Rt. | 2,094,064.956 | 1,051,175.098 |
| 291+67.17  | 33.61' Rt. | 2,094,065.121 | 1,051,225.095 |
| 291+67.19  | 43.38' Rt. | 2,094,055.354 | 1,051,225.148 |
| 291+67.19  | 45.00' Rt. | 2,094,053.735 | 1,051,225.157 |
| 291+76.92  | 33.62' Rt. | 2,094,065.154 | 1,051,234.840 |
| 292+99.29  | 33.72' Rt. | 2,094,065.558 | 1,051,357.207 |
| 292+99.30  | 2.13' Rt.  | 2,094,097.142 | 1,051,357.087 |
| 293+55.89  | 2.06' Rt.  | 2,094,097.447 | 1,051,413.679 |

JORGENSEN & ASSOCIATES, INC.  
 120 PARK AVENUE  
 LAKE VILLA, ILLINOIS 60046  
 (847) 356-3371

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 F.A.P. 541 (ILLINOIS ROUTE 132)  
 LIMITS: OAK LANE TO MCKINLEY AVENUE  
 COUNTY: LAKE  
 SECTION: STATION 291+00 TO STATION 296+00  
 JOB NO.: R-91-036-13  
 TO STATION 296+00  
 SCALE: 1"=20'  
 SHEET A6 OF A11

**BUREAU OF LAND ACQUISITION**  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196

| PROJECT COORDINATES<br>Illinois Coordinate System NAD 83(2011) East Zone |            |               |               |
|--|------------|---------------|---------------|
| STATION  | OFFSET     | NORTH         | EAST          |
| 293+56.11  | 33.76' Rt. | 2,094,065.746 | 1,051,414.032 |
| 293+56.19  | 45.00' Rt. | 2,094,054.506 | 1,051,414.157 |
| 294+67.00  | 45.00' Rt. | 2,094,054.957 | 1,051,524.966 |
| 294+67.00  | 60.00' Rt. | 2,094,039.958 | 1,051,525.027 |
| 295+03.58  | 60.00' Rt. | 2,094,040.107 | 1,051,561.612 |
| 295+03.60  | 33.87' Rt. | 2,094,066.234 | 1,051,561.523 |

| EXISTING R.O.W. RECORDED INFORMATION |              |                  |
|--------------------------------------|--------------|------------------|
| Parcel                               | Document No. | Date Recorded    |
| 1M20009                              | 215027       | August 18, 1922  |
| 1M20010                              | 914899       | July 6, 1956     |
| ----                                 | 40096        | July 24, 1889    |
| ----                                 | 79612        | November 1, 1900 |
| ----                                 | 215027       | August 18, 1922  |
| ----                                 | 914899       | July 6, 1956     |

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | SQUARE FEET | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | PERMANENT INDEX NUMBER |
|---------------|----------------------|------------------|-------------|-------------------------------|----------------------|---------------------|------------------------|
| 1M20009       | 1.119                | 0.001            | 48          | N/A                           | 1.118                | 0.048               | 06-05-202-072          |
| 1M20010       | 1.002                | N/A              | N/A         | N/A                           | 1.002                | 0.050               | 06-05-202-042          |



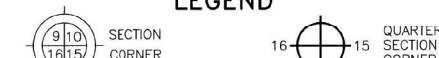


PART OF THE NW 1/4 OF SEC. 4 AND PART OF THE NE 1/4 OF SEC. 5, TWP. 45 N., R. 10 E. OF THE 3RD P.M. AND PART OF THE SE 1/4 OF SEC. 32 AND PART OF THE SW 1/4 OF SEC. 33, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

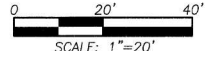
SEE SHEET A9

HUSSEY'S SUBDIVISION  
Recorded September 29, 1926  
as Document No. 287133

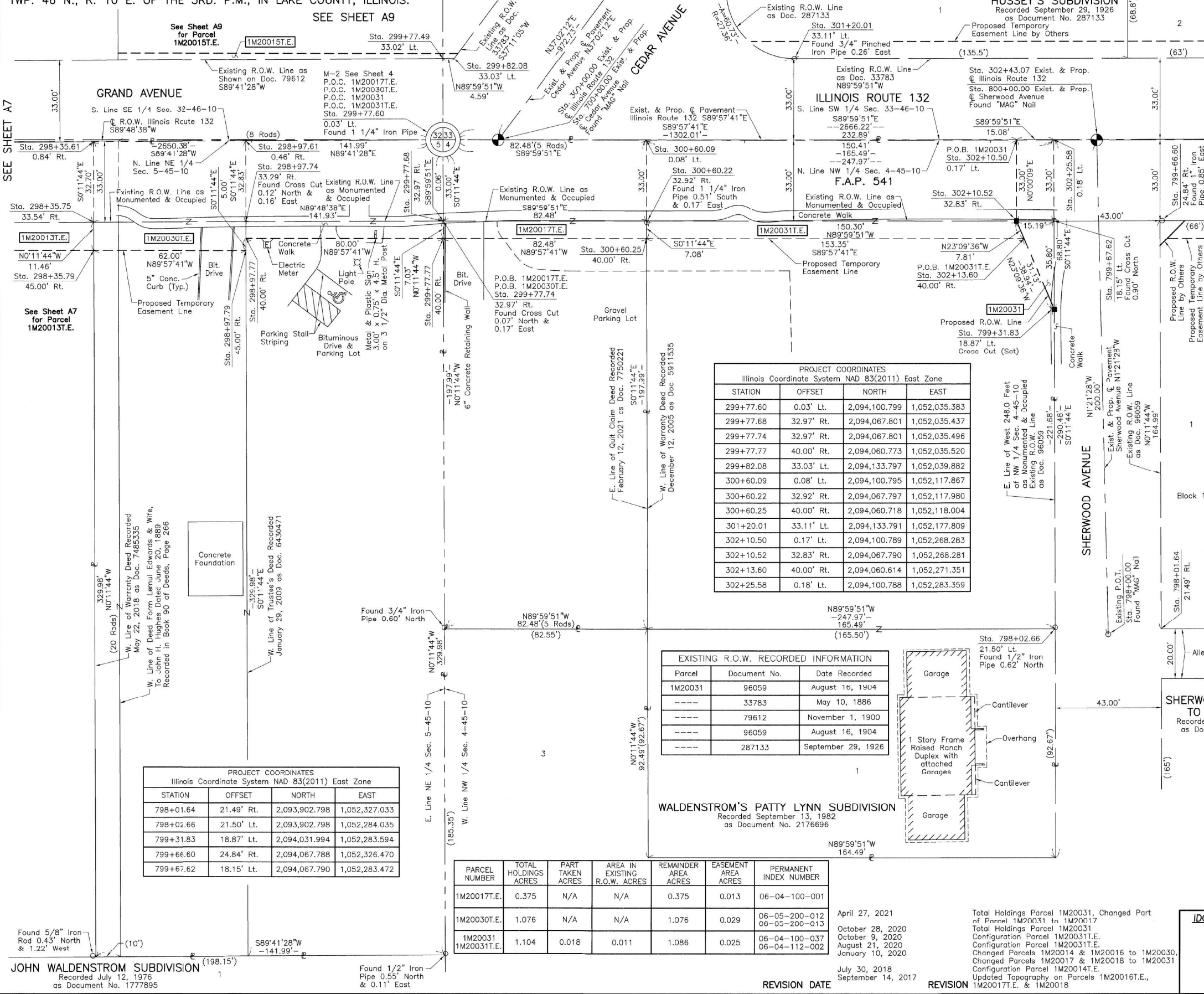
LEGEND



- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APL
- APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DIMENSION
- EXISTING BUILDING
- Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone, at Found National Geodetic Survey Monuments LAK45 1A P.I.D. AJ2896 and LAK173 1B, P.I.D. AJ2911
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.



SEE SHEET A7



PROJECT COORDINATES  
Illinois Coordinate System NAD 83(2011) East Zone

| STATION   | OFFSET     | NORTH         | EAST          |
|-----------|------------|---------------|---------------|
| 299+77.60 | 0.03' Lt.  | 2,094,100.799 | 1,052,035.383 |
| 299+77.68 | 32.97' Rt. | 2,094,067.801 | 1,052,035.437 |
| 299+77.74 | 32.97' Rt. | 2,094,067.801 | 1,052,035.496 |
| 299+77.77 | 40.00' Rt. | 2,094,060.773 | 1,052,035.520 |
| 299+82.08 | 33.03' Lt. | 2,094,133.797 | 1,052,039.882 |
| 300+60.09 | 0.08' Lt.  | 2,094,100.795 | 1,052,117.867 |
| 300+60.22 | 32.92' Rt. | 2,094,067.797 | 1,052,117.980 |
| 300+60.25 | 40.00' Rt. | 2,094,060.718 | 1,052,118.004 |
| 301+20.01 | 33.11' Lt. | 2,094,133.791 | 1,052,177.809 |
| 302+10.50 | 0.17' Lt.  | 2,094,100.789 | 1,052,268.283 |
| 302+10.52 | 32.83' Rt. | 2,094,067.790 | 1,052,268.281 |
| 302+13.60 | 40.00' Rt. | 2,094,060.614 | 1,052,271.351 |
| 302+25.58 | 0.18' Lt.  | 2,094,100.788 | 1,052,283.359 |

EXISTING R.O.W. RECORDED INFORMATION

| Parcel  | Document No. | Date Recorded      |
|---------|--------------|--------------------|
| 1M20031 | 96059        | August 16, 1904    |
| -----   | 33783        | May 10, 1886       |
| -----   | 79612        | November 1, 1900   |
| -----   | 96059        | August 16, 1904    |
| -----   | 287133       | September 29, 1926 |

WALDENSTROM'S PATTY LYNN SUBDIVISION  
Recorded September 13, 1982  
as Document No. 2176696

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | PERMANENT INDEX NUMBER         |
|---------------|----------------------|------------------|-------------------------------|----------------------|---------------------|--------------------------------|
| 1M20017T.E.   | 0.375                | N/A              | N/A                           | 0.375                | 0.013               | 06-04-100-001                  |
| 1M20030T.E.   | 1.076                | N/A              | N/A                           | 1.076                | 0.029               | 06-05-200-012<br>06-05-200-013 |
| 1M20031T.E.   | 1.104                | 0.018            | 0.011                         | 1.086                | 0.025               | 06-04-100-037<br>06-04-112-002 |

REVISION DATE  
April 27, 2021  
October 28, 2020  
October 9, 2020  
August 21, 2020  
January 10, 2020  
July 30, 2018  
September 14, 2017

REVISION  
Total Holdings Parcel 1M20031, Changed Part of Parcel 1M20031 to 1M20017  
Total Holdings Parcel 1M20031  
Configuration Parcel 1M20031T.E.  
Configuration Parcel 1M20031T.E.  
Changed Parcels 1M20014 & 1M20016 to 1M20030  
Changed Parcels 1M20017 & 1M20018 to 1M20031  
Configuration Parcel 1M20014T.E.  
Updated Topography on Parcels 1M20016T.E., 1M20017T.E. & 1M20018

DOT USE ONLY

STATE OF ILLINOIS }  
COUNTY OF LAKE }

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 4, TOWNSHIP 45N., RANGE 10E. AND SECTION 5, TOWNSHIP 45N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 14<sup>th</sup> DAY OF September 20, 2022 A.D.



Christian H. Jorgensen, PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE, NOVEMBER 30, 2018  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. All dimensions are measured unless otherwise specified. Areas shown on this plat are ground. All measured and computed distances are grid not ground. To obtain ground distances, divide grid distances shown by the combined factor of 0.9999481734.

PROJECT COORDINATES  
Illinois Coordinate System NAD 83(2011) East Zone

| STATION   | OFFSET     | NORTH         | EAST          |
|-----------|------------|---------------|---------------|
| 298+35.61 | 0.84' Rt.  | 2,094,100.034 | 1,051,893.393 |
| 298+35.75 | 33.54' Rt. | 2,094,067.332 | 1,051,893.504 |
| 298+35.79 | 45.00' Rt. | 2,094,055.869 | 1,051,893.543 |
| 298+97.61 | 0.46' Rt.  | 2,094,100.368 | 1,051,955.389 |
| 298+97.74 | 33.29' Rt. | 2,094,067.536 | 1,051,955.501 |
| 298+97.77 | 40.00' Rt. | 2,094,060.827 | 1,051,955.523 |
| 298+97.79 | 45.00' Rt. | 2,094,055.827 | 1,051,955.540 |
| 299+77.49 | 33.02' Lt. | 2,094,133.797 | 1,052,035.295 |

JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
F.A.P. 541 (ILLINOIS ROUTE 132)  
LIMITS: OAK LANE TO MCKINLEY AVENUE  
COUNTY: LAKE  
JOB NO.: R-91-036-13  
SECTION: 541  
STATION 298+00 TO STATION 303+00  
STATION 700+00.00 TO STATION 701+00  
STATION 798+00.00 TO STATION 800+00.00  
SCALE: 1"=20'  
SHEET A8 OF A11

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

PROJECT COORDINATES  
Illinois Coordinate System NAD 83(2011) East Zone

| STATION   | OFFSET     | NORTH         | EAST          |
|-----------|------------|---------------|---------------|
| 798+01.64 | 21.49' Rt. | 2,093,902.798 | 1,052,327.033 |
| 798+02.66 | 21.50' Lt. | 2,093,902.798 | 1,052,284.035 |
| 799+31.83 | 18.87' Rt. | 2,094,031.994 | 1,052,283.594 |
| 799+66.60 | 24.84' Rt. | 2,094,067.788 | 1,052,326.470 |
| 799+67.62 | 18.15' Lt. | 2,094,067.790 | 1,052,283.472 |

JOHN WALDENSTROM SUBDIVISION  
Recorded July 12, 1976  
as Document No. 1777895



| USER NAME | DESIGNED          | REVISION   |
|-----------|-------------------|------------|
| IDOOTCAD  | - MBJ             | -          |
|           | DRAWN - MBJ       | REVISION - |
|           | CHECKED - TPP     | REVISION - |
|           | DATE - 10/18/2022 | REVISION - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
PLAT OF HIGHWAYS  
SCALE: NTS SHEET 7 OF 12 SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| 541                       | WR2-R-1 | LAKE   | 164          | 61        |
| CONTRACT NO. 62A53        |         |        |              |           |
| ILLINOIS FED. AID PROJECT |         |        |              |           |

PART OF THE NW 1/4 OF SEC. 4 AND PART OF THE NE 1/4 OF SEC. 5, TWP. 45 N., R. 10 E. OF THE 3RD. P.M. AND PART OF THE SE 1/4 OF SEC. 32 AND PART OF THE SW 1/4 OF SEC. 33, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

RESUBDIVISION OF PART OF BLOCK 5 LAKE CITY, NOW LAKE VILLA AND PART OF BLOCK 8 LEHMANN'S ADDITION TO LAKE VILLA

Recorded November 1, 1900  
in Book E of Plats, Page 37  
as Document No. 79612

| PARCEL NUMBER | TOTAL HOLDINGS ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | SQUARE FEET | PERMANENT INDEX NUMBER         |
|---------------|----------------------|------------------|-------------------------------|----------------------|---------------------|-------------|--------------------------------|
| 1M20015T.E.   | 0.534                | N/A              | N/A                           | 0.534                | 0.007               | 324         | 02-32-400-020<br>02-33-305-022 |

| PROJECT COORDINATES<br>Illinois Coordinate System NAD 83(2011) East Zone |            |               |               |
|--|------------|---------------|---------------|
| STATION  | OFFSET     | NORTH         | EAST          |
| 299+82.08  | 33.03' Lt. | 2,094,133.797 | 1,052,039.882 |
| 299+83.57  | 35.00' Lt. | 2,094,135.769 | 1,052,041.378 |
| 301+20.01  | 33.11' Lt. | 2,094,133.791 | 1,052,177.809 |
| 700+77.04  | 34.03' Lt. | 2,094,182.755 | 1,052,077.022 |
| 701+20.58  | 32.08' Rt. | 2,094,177.685 | 1,052,156.014 |

| EXISTING R.O.W. RECORDED INFORMATION |              |                    |
|--------------------------------------|--------------|--------------------|
| Parcel                               | Document No. | Date Recorded      |
| 1M20015                              | 33783        | May 10, 1886       |
| 1M20015                              | 79612        | November 1, 1900   |
| -----                                | 33783        | May 10, 1886       |
| -----                                | 40096        | July 24, 1889      |
| -----                                | 79612        | November 1, 1900   |
| -----                                | 287133       | September 29, 1926 |
| -----                                | 914699       | July 6, 1956       |

**LEGEND**

SECTION CORNER: 9 10 16 15  
QUARTER SECTION CORNER: 16 15

SECTION LINE  
QUARTER SECTION LINE  
QUARTER SECTION LINE  
PLATTED LOT LINE  
PROPERTY (DEED) LINE

APL  
APPARENT PROPERTY LINE  
EXISTING CENTER LINE  
PROPOSED CENTER LINE  
EXISTING RIGHT OF WAY LINE  
PROPOSED RIGHT OF WAY LINE  
EXISTING EASEMENT  
PROPOSED EASEMENT  
EXISTING ACCESS CONTROL LINE  
PROPOSED ACCESS CONTROL LINE  
MEASURED DIMENSION  
COMPUTED DIMENSION  
RECORD DIMENSION

EXISTING BUILDING

Bearings and Coordinates are referenced to the Illinois Coordinate System NAD 83(2011) East Zone, at Found National Geodetic Survey Monuments 1AK45 1A P.I.D. AJ2896 and 1AK173 1R, P.I.D. AJ2911

○ IRON PIPE OR ROD FOUND  
+ CUT CROSS FOUND OR SET  
● 5/8" REBAR SET

■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

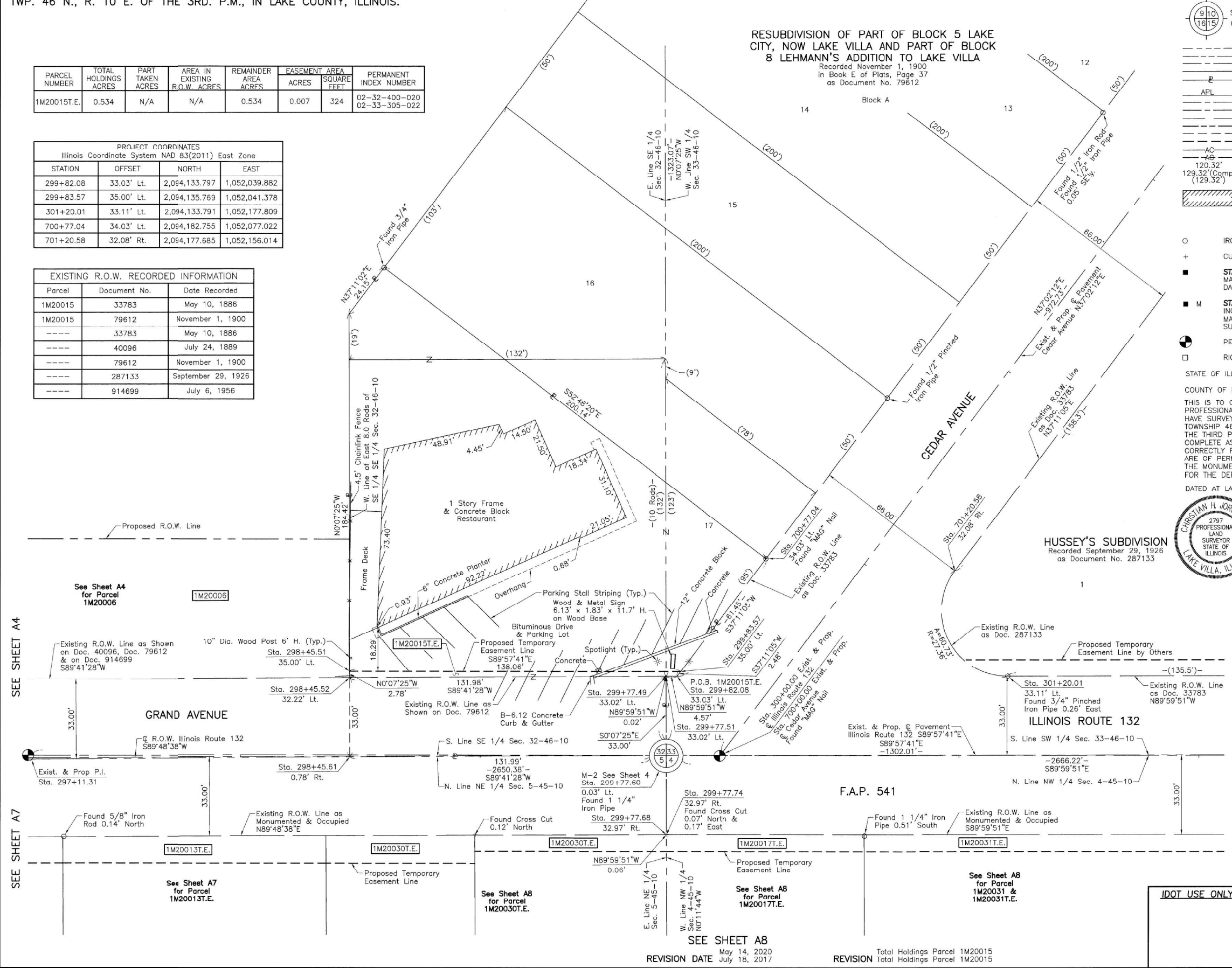
■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)

□ RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
COUNTY OF LAKE } SS

SCALE: 1"=20'



THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 32, TOWNSHIP 46N., RANGE 10E. AND SECTION 33, TOWNSHIP 46N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT LAKE VILLA, ILLINOIS THIS 18th DAY OF September 20, 2017 A.D.

**CHRISTIAN H. JORGENSEN**  
PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
LICENSE EXPIRATION DATE: NOVEMBER 30, 2018  
STATE OF ILLINOIS  
LAKE VILLA, ILLINOIS

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

All dimensions are measured unless otherwise specified.  
Areas shown on this plat are ground.  
To obtain ground distances, divide grid distances shown by the combined factor of 0.9999481734.

| PROJECT COORDINATES<br>Illinois Coordinate System NAD 83(2011) East Zone |            |               |               |
|--|------------|---------------|---------------|
| STATION  | OFFSET     | NORTH         | EAST          |
| 298+45.51  | 35.00' Lt. | 2,094,135.862 | 1,051,903.314 |
| 298+45.52  | 32.22' Lt. | 2,094,133.086 | 1,051,903.320 |
| 298+45.61  | 0.78' Rt.  | 2,094,100.087 | 1,051,903.392 |
| 299+77.49  | 33.02' Lt. | 2,094,133.797 | 1,052,035.295 |
| 299+77.51  | 33.02' Lt. | 2,094,133.797 | 1,052,035.312 |
| 299+77.60  | 0.03' Lt.  | 2,094,100.799 | 1,052,035.383 |
| 299+77.68  | 32.97' Rt. | 2,094,067.801 | 1,052,035.437 |
| 299+77.74  | 32.97' Rt. | 2,094,067.801 | 1,052,035.496 |

JORGENSEN & ASSOCIATES, INC.  
120 PARK AVENUE  
LAKE VILLA, ILLINOIS 60046  
(847) 356-3371

**PLAT OF HIGHWAYS  
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**  
F.A.P. 541 (ILLINOIS ROUTE 132)  
LIMITS: OAK LANE TO MCKINLEY AVENUE  
COUNTY: LAKE  
SECTION: STATION 297+11.31 TO STATION 302+00  
JOB NO.: R-91-036-13  
TO STATION 302+00  
TO STATION 703+00  
SCALE: 1"=20'  
SHEET A9 OF A11

**BUREAU OF LAND ACQUISITION  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196**

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MJB    | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - MJB       | REVISED - |
| PLOT DATE = 10/18/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE - 10/18/2022 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE  
PLAT OF HIGHWAYS  
SCALE: NTS SHEET 8 OF 12 SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 62        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |



PART OF THE NW 1/4 OF SEC. 4 AND PART OF THE NE 1/4 OF SEC. 5, TWP. 45 N., R. 10 E. OF THE 3RD. P.M. AND PART OF THE SE 1/4 OF SEC. 32 AND PART OF THE SW 1/4 OF SEC. 33, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

**LEGEND**

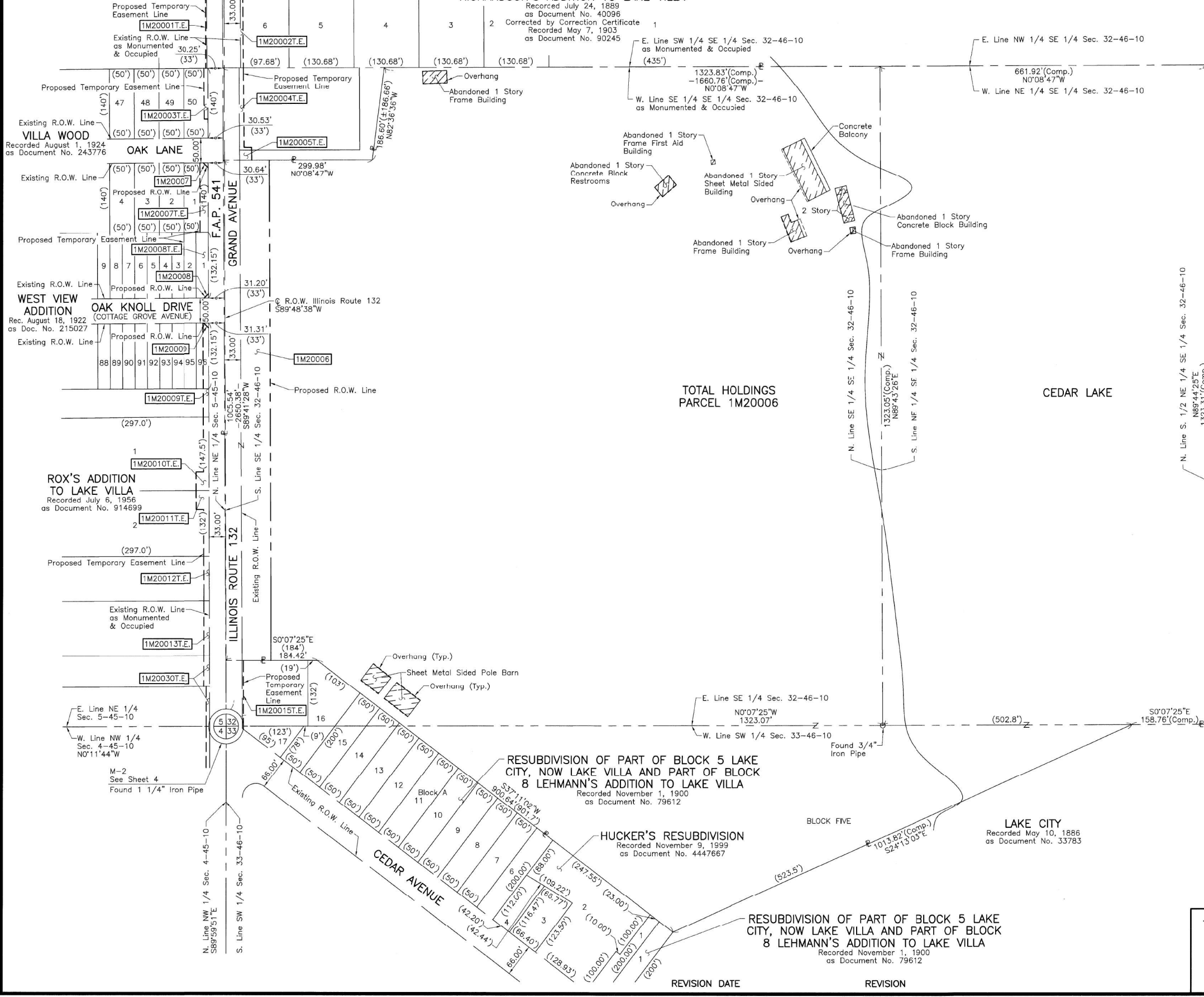
- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION LINE
- QUARTER SECTION LINE
- PLATTED LOT LINE
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTER LINE
- PROPOSED CENTER LINE
- PROPOSED RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORD DIMENSION
- EXISTING BUILDING
- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- 
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T STD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET.

STATE OF ILLINOIS }  
 COUNTY OF LAKE }  
 THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 32, TOWNSHIP 46N., RANGE 10E. AND SECTION 33, TOWNSHIP 46N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.  
 DATED AT LAKE VILLA, ILLINOIS THIS 13th DAY OF September 2022 A.D.

CHRISTIAN H. JORGENSEN  
 2797 PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS  
 LAKE VILLA, ILLINOIS  
 PRESIDENT  
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-2797  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.  
 All dimensions are measured unless otherwise specified.  
 Areas shown on this plot are ground.  
 All measured and computed distances are grid not ground.  
 To obtain ground distances, divide grid distances shown by the combined factor of 0.9999481734.

JORGENSEN & ASSOCIATES, INC.  
 120 PARK AVENUE  
 LAKE VILLA, ILLINOIS 60046  
 (847) 356-3371

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
 F.A.P. 541 (ILLINOIS ROUTE 132)  
 LIMITS: OAK LANE TO MCKINLEY AVENUE  
 COUNTY: LAKE  
 JOB NO.: R-91-036-13  
 SECTION: NONE TO STATION  
 STATION NONE TO STATION  
 SCALE: 1"=100'  
 SHEET A10 OF A11  
**BUREAU OF LAND ACQUISITION**  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196



\\abna\jobfiles\2015\6119\Road\Drawings\0162063\_Sht-055-066-Plat.dgn  
 10/18/2022 10:18:22 AM



|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = I00TCA0         | DESIGNED - MBJ    | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - MBJ       | REVISED - |
| PLOT DATE = 10/18/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE - 10/18/2022 | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE**  
**PLAT OF HIGHWAYS**  
 SCALE: NTS SHEET 9 OF 12 SHEETS STA. TO STA.

|                    |                   |             |                           |              |
|--------------------|-------------------|-------------|---------------------------|--------------|
| F.A.P. RTE. 541    | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164          | SHEET NO. 63 |
| CONTRACT NO. 62A53 |                   |             | ILLINOIS FED. AID PROJECT |              |

PART OF THE NW 1/4 OF SEC. 4 AND PART OF THE NE 1/4 OF SEC. 5, TWP. 45 N., R. 10 E. OF THE 3RD. P.M. AND PART OF THE SE 1/4 OF SEC. 32 AND PART OF THE SW 1/4 OF SEC. 33, TWP. 46 N., R. 10 E. OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

### LEGEND

SECTION CORNER: 9 10 16 15  
 QUARTER SECTION CORNER: 16 15  
 SECTION LINE: ---  
 QUARTER SECTION LINE: - - -  
 PLATTED LOT LINE: - · -  
 PROPERTY (DEED) LINE: - · - · -  
 APPARENT PROPERTY LINE: ---  
 EXISTING CENTER LINE: - - -  
 PROPOSED CENTER LINE: - - -  
 EXISTING RIGHT OF WAY LINE: - - -  
 PROPOSED RIGHT OF WAY LINE: - - -  
 EXISTING EASEMENT: - · -  
 PROPOSED EASEMENT: - · -  
 EXISTING ACCESS CONTROL LINE: - - -  
 PROPOSED ACCESS CONTROL LINE: - - -  
 MEASURED DIMENSION: 120.32'  
 COMPUTED DIMENSION: 129.32' (Comp.)  
 RECORD DIMENSION: (129.32')  
 EXISTING BUILDING: [Hatched Box]  
 IRON PIPE OR ROD FOUND: ⊙  
 CUT CROSS FOUND OR SET: +  
 STAKING OF PROPOSED RIGHT OF WAY: ■  
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS: ■ M  
 PERMANENT SURVEY MARKER: ⊙  
 RIGHT OF WAY STAKING PROPOSED TO BE SET: □

STATE OF ILLINOIS }  
 COUNTY OF LAKE } SS

THIS IS TO CERTIFY THAT WE, JORGENSEN & ASSOCIATES, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-2771, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON BETWEEN SECTION 5, TOWNSHIP 45N., RANGE 10E. AND SECTION 33, TOWNSHIP 46N., RANGE 10E., OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE TRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

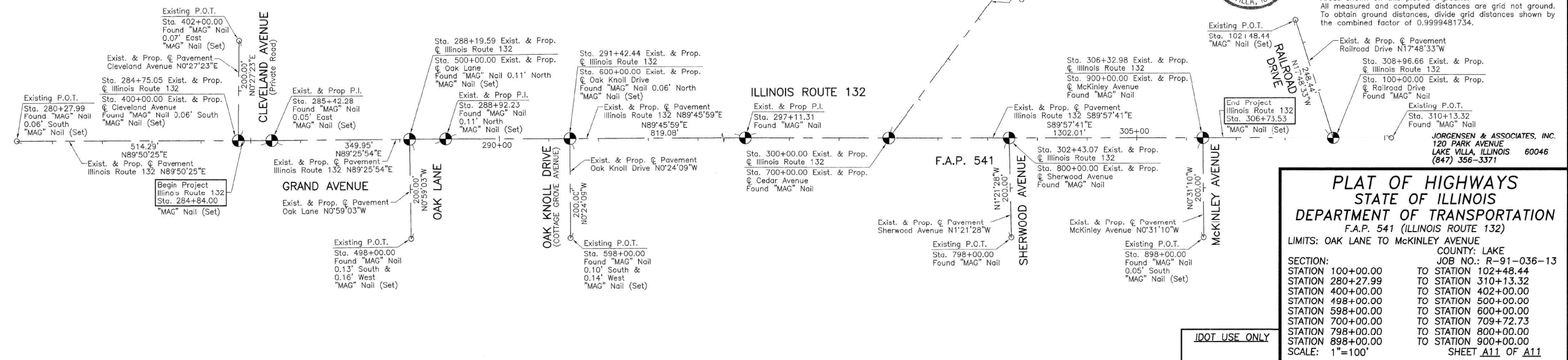
DATED AT LAKE VILLA, ILLINOIS THIS 28th DAY OF June 20, 2022 A.D.

CHRISTIAN H. JORGENSEN  
 2797 PROFESSIONAL LAND SURVEYOR  
 STATE OF ILLINOIS  
 LICENSE EXPIRATION DATE: NOVEMBER 30, 2018  
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

All dimensions are measured unless otherwise specified. Areas shown on this plat are ground. All measured and computed distances are grid not ground. To obtain ground distances, divide grid distances shown by the combined factor of 0.9999481734.

| PROJECT COORDINATES<br>Illinois Coordinate System NAD 83(2011) East Zone |               |               |
|--|---------------|---------------|
| STATION  | NORTH         | EAST          |
| 100+00.00  | 2,094,100.154 | 1,052,954.436 |
| 102+48.44  | 2,094,336.687 | 1,052,878.452 |
| 280+27.99  | 2,094,092.710 | 1,050,085.797 |
| 284+84.00  | 2,094,093.981 | 1,050,941.805 |
| 285+42.28  | 2,094,094.143 | 1,050,600.089 |
| 288+92.23  | 2,094,097.614 | 1,050,950.020 |
| 297+11.31  | 2,094,100.953 | 1,051,769.087 |
| 306+73.53  | 2,094,100.304 | 1,052,731.311 |
| 310+13.32  | 2,094,100.075 | 1,053,071.098 |
| 400+00.00  | 2,094,093.956 | 1,050,532.857 |
| 402+00.00  | 2,094,293.950 | 1,050,534.450 |

| PROJECT COORDINATES<br>Illinois Coordinate System NAD 83(2011) East Zone |               |               |
|--|---------------|---------------|
| STATION  | NORTH         | EAST          |
| 498+00.00  | 2,093,896.923 | 1,050,880.816 |
| 500+00.00  | 2,094,096.894 | 1,050,877.381 |
| 598+00.00  | 2,093,898.639 | 1,051,201.629 |
| 600+00.00  | 2,094,098.634 | 1,051,200.225 |
| 700+00.00  | 2,094,100.758 | 1,052,057.781 |
| 709+72.73  | 2,094,877.237 | 1,052,643.680 |
| 798+00.00  | 2,093,900.651 | 1,052,305.587 |
| 800+00.00  | 2,094,100.594 | 1,052,300.848 |
| 898+00.00  | 2,093,900.340 | 1,052,692.571 |
| 900+00.00  | 2,094,100.332 | 1,052,690.757 |



### PLAT OF HIGHWAYS

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 F.A.P. 541 (ILLINOIS ROUTE 132)  
 LIMITS: OAK LANE TO MCKINLEY AVENUE  
 COUNTY: LAKE  
 JOB NO.: R-91-036-13

|           |           |            |
|-----------|-----------|------------|
| SECTION:  | STATION   | TO STATION |
| 100+00.00 | 102+48.44 |            |
| 280+27.99 | 310+13.32 |            |
| 400+00.00 | 402+00.00 |            |
| 498+00.00 | 500+00.00 |            |
| 598+00.00 | 600+00.00 |            |
| 700+00.00 | 709+72.73 |            |
| 798+00.00 | 800+00.00 |            |
| 898+00.00 | 900+00.00 |            |

SCALE: 1"=100' SHEET A11 OF A11

BUREAU OF LAND ACQUISITION  
 201 WEST CENTER COURT  
 SCHAUMBURG, ILLINOIS 60196

\\abna\jbs\files\2015\6117\Cadd\Drawings\01620653\_Sht-055-066-Plat.dgn



|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = IDOTCAD         | DESIGNED - MJB    | REVISED - |
| PLOT SCALE = 40.0000' / in. | DRAWN - MJB       | REVISED - |
| PLOT DATE = 10/18/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE - 10/18/2022 | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

|   |                                    |
|---|------------------------------------|
| IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE |                                    |
| PLAT OF HIGHWAYS                                  |                                    |
| SCALE: NTS  | SHEET 10 OF 12 SHEETS STA. TO STA. |

|                    |                   |             |                  |                           |
|--------------------|-------------------|-------------|------------------|---------------------------|
| F.A.P. RTE. 541    | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 64              |
| CONTRACT NO. 62A53 |                   |             |                  | ILLINOIS FED. AID PROJECT |





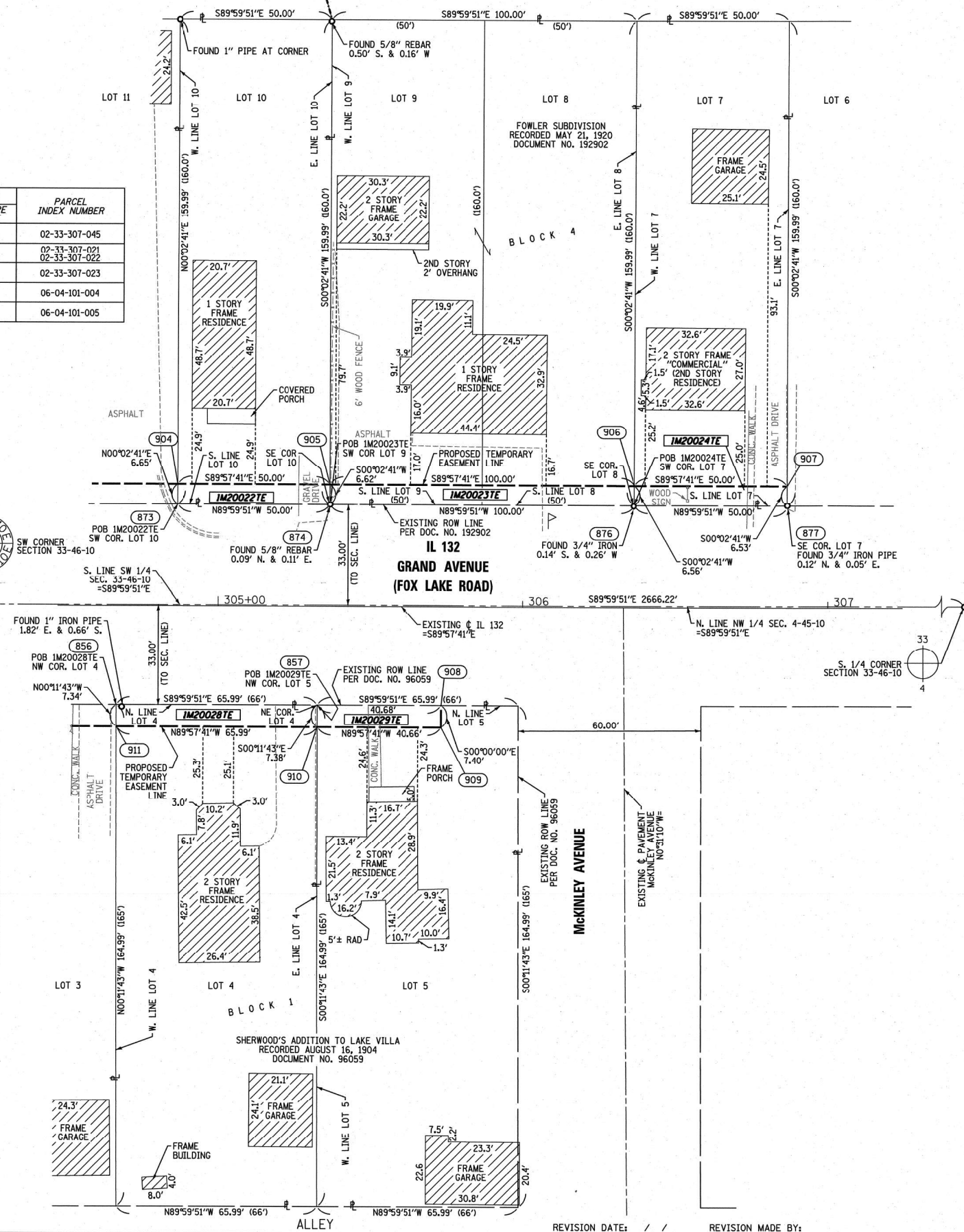
PART OF THE SW 1/4 OF SEC. 33, TWP. 46 N. & PART OF THE NW 1/4 OF SEC. 4, TWP 45 N., ALL IN R 10 E., OF THE 3RD. P.M., IN LAKE COUNTY, ILLINOIS.

| PARCEL NUMBER | TOTAL HOLDING ACRES | PART TAKEN ACRES | AREA IN EXISTING R.O.W. ACRES | REMAINDER AREA ACRES | EASEMENT AREA ACRES | SQUARE FEET | PARCEL INDEX NUMBER            |
|---------------|---------------------|------------------|-------------------------------|----------------------|---------------------|-------------|--------------------------------|
| IM20022TE     | 0.184               |                  |                               | 0.184                | 0.008               | 332         | 02-33-307-045                  |
| IM20023TE     | 0.367               |                  |                               | 0.367                | 0.015               |             | 02-33-307-021<br>02-33-307-022 |
| IM20024TE     | 0.184               |                  |                               | 0.184                | 0.008               | 327         | 02-33-307-023                  |
| IM20028TE     | 0.250               |                  |                               | 0.250                | 0.011               |             | 06-04-101-004                  |
| IM20029TE     | 0.250               |                  |                               | 0.250                | 0.007               | 301         | 06-04-101-005                  |

PRINTING DATE: SEPTEMBER 27, 2017 JMH /Microstation/6515 SHEET B2.dgn

PROJECT COORDINATES  
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

| PT. NO. | STATION   | OFFSET     | NORTHING       | EASTING        |
|---------|-----------|------------|----------------|----------------|
| 854     | 304+66.69 | 32.66' RT. | 2,094,067.7790 | 1,052,524.4532 |
| 911     | 304+66.72 | 40.00' RT. | 2,094,060.4436 | 1,052,524.4782 |
| 904     | 304+86.52 | 40.00' LT. | 2,094,140.4302 | 1,052,544.3256 |
| 873     | 304+86.52 | 33.35' LT. | 2,094,133.7764 | 1,052,544.3184 |
| 857     | 305+32.69 | 32.62' RT. | 2,094,067.7760 | 1,052,590.4476 |
| 910     | 305+32.72 | 40.00' RT. | 2,094,060.3991 | 1,052,590.4727 |
| 905     | 305+36.52 | 40.00' LT. | 2,094,140.3965 | 1,052,594.3235 |
| 874     | 305+36.52 | 33.38' LT. | 2,094,133.7741 | 1,052,594.3184 |
| 908     | 305+73.37 | 32.60' RT. | 2,094,067.7742 | 1,052,631.1279 |
| 909     | 305+73.37 | 40.00' RT. | 2,094,060.3717 | 1,052,631.1279 |
| 906     | 306+36.52 | 40.00' LT. | 2,094,140.3291 | 1,052,694.3235 |
| 876     | 306+36.52 | 33.44' LT. | 2,094,133.7697 | 1,052,694.3184 |
| 907     | 306+86.52 | 40.00' LT. | 2,094,140.2954 | 1,052,744.3235 |
| 877     | 306+86.52 | 33.47' LT. | 2,094,133.7674 | 1,052,744.3184 |



### LEGEND

SECTION CORNER: 9 10 15 16

QUARTER SECTION CORNER: 16 15

GRAPHIC SCALE: 1"=20'

SECTION / QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

APPL APPARENT PROPERTY LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

AC EXISTING ACCESS CONTROL LINE

AC PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION: 129.32'

COMPUTED DIMENSION: 129.32' (COMP)

RECORDED DIMENSION: 129.32'

EXISTING BUILDING

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. AREAS SHOWN ON THIS PLAT ARE GROUND. ALL MEASURED AND COMPUTED DISTANCES ARE GRID NOT GROUND. TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.9999481734.

- IRON PIPE OR ROD FOUND
- \*MAG\* NAIL SET
- + CUT CROSS FOUND OR SET
- 5/8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, PER WILL COUNTY DIVISION OF TRANSPORTATION RIGHT-OF-WAY MONUMENTATION REQUIREMENTS
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS )  
COUNTY OF WILL ) SS

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 33, TOWNSHIP 46 NORTH, RANGE 10 EAST AND SECTION 4, TOWNSHIP 45 NORTH, RANGE 10 EAST, BOTH OF THE THIRD PRINCIPAL MERIDIAN, LAKE COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT JOLIET, ILLINOIS THIS 28th DAY OF SEPTEMBER, 2017 A.D.

DAVID A. CLAASSEN VICE PRESIDENT  
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962  
LICENSE EXPIRES NOVEMBER 30, 2018  
THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



**CWA** SURVEY  
CLAASSEN, WHITE & ASSOCIATES, P.C.  
LAND SURVEYORS  
121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431  
(815) 744-3720 claassenwhite@cwasurevey.com  
CWA Job #6515

**PLAT OF HIGHWAYS**  
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**IL 132**

LIMITS: OAK LANE TO MCKINLEY COUNTY: LAKE  
SECTION: STA. 304+66.69 TO STA. 306+86.52 JOB NO.: R-91-036-13  
SCALE: 1" = 20' SHEET B2 OF B2 SHEETS

**BUREAU OF LAND ACQUISITION**  
201 WEST CENTER COURT  
SCHAUMBURG, ILLINOIS 60196

**ABNA**  
DESIGN FIRM REG. 184.002117

USER NAME = I00TCA0  
DESIGNED - MBJ  
DRAWN - MBJ  
PLOT SCALE = 40.0000' / in.  
CHECKED - TPP  
PLOT DATE = 10/18/2022  
DATE = 10/18/2022

|                   |           |
|-------------------|-----------|
| DESIGNED - MBJ    | REVISED - |
| DRAWN - MBJ       | REVISED - |
| CHECKED - TPP     | REVISED - |
| DATE = 10/18/2022 | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE**  
**PLAT OF HIGHWAYS**  
SCALE: NTS SHEET 12 OF 12 SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 66        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |



**EROSION AND SEDIMENT CONTROL NOTES:**

- ALL CONTROL MEASURES NECESSARY MUST MEET THE MINIMUM REQUIREMENTS AS DESCRIBED IN THE LATEST EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. ADDITIONAL DETAILS AND BMPs ARE ALSO AVAILABLE AND CAN BE UTILIZED AS SHOWN IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: (HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL).
- ALL THE SOIL EROSION AND SEDIMENT CONTROL FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND THE INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR MUST BE APPROVED BY THE ENGINEER, WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
- ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITIES.
- DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION ACTIVITY, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN ONE (1) CALENDAR DAY.
- THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREA AS THE PROJECT PROGRESSES AND INSTALL EROSION PROTECTION TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR MUST INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE EARTHEN MATERIAL TO THE SATISFACTION OF THE ENGINEER OR AUTHORIZED IDOT PERSONNEL.
- STABILIZATION OF CUT OR FILL SLOPES WITH TEMPORARY OR PERMANENT EROSION CONTROL MEASURES IS REQUIRED WHENEVER THE CUT OR FILL ACTIVITY REACHES 10-FT VERTICALLY OR THE FINISHED SLOPE EQUALS 30-FT, WHICHEVER IS MORE RESTRICTIVE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.
- THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES TO BE RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS THROUGHOUT THE PROJECT.
- THE CONTRACTOR'S REPRESENTATIVE HAS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES AND HAVE TAKEN AN ILLINOIS DEPARTMENT OF TRANSPORTATION OR APPROVED EQUAL EROSION AND SEDIMENT CONTROL COURSE. THIS PERSON SHALL HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTION CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN PROVIDED BY THE ENGINEER. THIS INDIVIDUAL AND THE ENGINEER MUST MAKE INSPECTIONS A MINIMUM OF ONCE EVERY SEVEN DAYS OF THE FOLLOWING:
  - DISTURBED AREAS OF THE PROJECT SITE THAT HAVE NOT BEEN FULLY STABILIZED.
  - STRUCTURAL CONTROL MEASURES (SUCH AS PERIMETER EROSION BARRIER, ETC.)
  - LOCATIONS WHERE VEHICLES ENTER OR EXIT THE PROJECT SITE.
  - AN ADDITIONAL INSPECTION OF THE ITEMS LISTED ABOVE MUST BE MADE WITHIN 24-HOURS AFTER A 24-HOUR RAINFALL OR EQUIVALENT SNOWFALL EVENT GREATER THAN 0.5-INCH. DURING WINTER MONTHS, ALL MEASURES MUST BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
- ALL THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON, AS WELL AS OVER THE WINTER SHUTDOWN PERIOD AND OTHER PERIODS WHEN THE PROJECT IS CLOSED DOWN FOR A LONGER DURATION. ANY CONTROL MEASURES FILLED MORE THAN 75% OF CAPACITY MUST BE CLEANED AND RESET AND THESE SPOILS REMOVED TO AN APPROVED SITE.
- SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND ACTIVE DRAINAGE PATHS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE. IMMEDIATELY AFTER THE FINAL SHAPING OF THE STOCKPILE, THE TOPSOIL WILL BE STABILIZED IN ACCORDANCE WITH THE METHOD APPROVED BY IDOT. THE CONTRACTOR WILL PROVIDE ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCKPILE.

- EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR, THE COST OF THE CONTROLS WILL BE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER, THE DEPARTMENT WILL ASSUME THE COST OF INSTALLING AND MAINTAINING THE CONTROLS.
- IF AND/OR WHEN THE CONTRACTOR REQUESTS CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH 25 FEET AWAY FROM THE SHOULDER OF THE ROAD PROVIDED THE FOLLOWING CONDITIONS ARE MET:
  - ALL AREAS BEING STABILIZED ARE 1:3 SLOPES OR FLATTER
  - THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH MULCH METHOD 3.
  - ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED.
- TOPSOIL PLACEMENT: TOPSOIL WILL BE PLACED ON FINAL SLOPES WHICH WILL NOT BE DISTURBED BY FUTURE CONSTRUCTION. TOPSOIL WILL NOT BE PLACED ON SURFACES WHICH WILL BE PAVED IN THE FUTURE NOR ON TEMPORARY STEEP SLOPES.
- IN AREAS WHERE A PERMANENT VEGETATIVE COVER IS PRACTICAL AND INCLUDED IN THE CONTRACT DOCUMENTS, A SPECIAL EFFORT SHOULD BE MADE TO ESTABLISH A COVER AS SOON AS A DISTURBED AREA IS BROUGHT TO FINAL GRADE. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
- THE CONTRACTOR'S REPRESENTATIVE AND THE ENGINEER MUST KEEP A WRITTEN REPORT SUMMARIZING THE REQUIRED INSPECTIONS. THE REPORTS MUST BE KEPT AT THE SITE DURING CONSTRUCTION. THE REPORTS MUST ALSO BE RETAINED FOR THREE YEARS FROM THE DATE THE SITE IS FINALLY STABILIZED.
- ANY SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING CONTROL MEASURE PRIOR TO RELEASE FROM THE PROJECT SITE.
- NO WORK IS ALLOWED BEYOND THE PERMITTED AREA. ANY WORK WITHIN A CREEK OR DITCH CAPABLE OF CONVEYING WATER MUST BE CONDUCTED IN THE DRY. PROVISIONS MUST BE MADE TO BYPASS PUMP OR DEWATER ANY AREAS IN WHICH WORK WILL BE CONDUCTED. IN HIGH FLOW CHANNELS WHERE DEWATERING IS NOT POSSIBLE OR PRACTICAL, SILT FENCE OR SEDIMENT CURTAINS MAY BE INSTALLED PARALLEL TO THE STREAM BANK. IN NO CASE WILL THE CURTAINS BE INSTALLED PERPENDICULAR TO THE FLOW. DEWATERING MUST BE DISCHARGED TO A STABLE, NON-ERODIBLE SURFACE AND IN-STREAM WORK BARRIERS MUST BE COMPOSED OF NON-ERODIBLE MATERIAL.
- SEEDING USAGE
 

CLASS 2A:  
USED ON FINAL DISTURBED CONSTRUCTION AREAS INDICATED ON THE PLANS.

CLASS 4:  
USED ON FINAL DISTURBED CONSTRUCTION AREAS INDICATED ON THE PLANS.

TEMPORARY EROSION CONTROL SEEDING:  
USED IN AREAS REQUIRING SHORT TERM TEMPORARY SEEDING DURING CONSTRUCTION.
- THE CONTRACTOR MUST COOPERATE WITH THE ENGINEER AND HIS/HER REPRESENTATIVE WHO WILL MAKE SITE VISITS TO REVIEW THE COMPLIANCE OF THE PLANS IN THE FIELD AND AUDIT IF NECESSARY. THE CONTRACTOR MUST PREPARE THE LOGS AND RECORDS WHEN REQUIRED AND SUBMIT TO IDOT AND/OR APPROPRIATE AGENCIES.
- THE INSTALLATION, MAINTENANCE, REMOVAL AND RESTORATION OF THE AREA DISTURBED BY THE PLACEMENT OF THE PERIMETER EROSION BARRIER ARE INCLUDED IN THE CONTRACT UNIT PRICE FOR PERIMETER EROSION BARRIER. AFTER ALL PERIMETER EROSION BARRIER IS REMOVED, THE AREAS DAMAGED BY THE PERIMETER EROSION CONTROL BARRIER MUST BE RESTORED TO THEIR ORIGINAL CONDITION.
- THE CONTRACTOR WILL PROVIDE THE ENGINEER A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THIS IS IMPORTANT WHERE NEW STORM SEWER CONNECTS TO EXISTING STORM SEWERS/CULVERTS. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECAST, SO THAT FLOW WILL NOT BE EROSIIVE. THE LACK OF AN APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURES, DITCHES, ETC., WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORK DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- STABILIZATION MEASURES SHALL BE INITIATED IMMEDIATELY WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN ONE (1) DAY AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF FOURTEEN (14) OR MORE CALENDAR DAYS.
- EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER, THE McHENRY-LAKE COUNTY SOIL & WATER CONSERVATION DISTRICT AND/OR THE US ARMY CORPS OF ENGINEERS.
- THE CONTRACTOR IS REQUIRED TO PROVIDE STABILIZED CONSTRUCTION ENTRANCES AND WASHOUT FACILITIES TO COMPLY WITH EROSION CONTROL PERMITS. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED WORK ASSOCIATED WITH IT.
- THE CONTRACTOR SHOULD PROVIDE TO THE ENGINEER A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

**SOIL PROTECTION SCHEDULE:**

| STABILIZATION TYPE           | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. |
|------------------------------|------|------|------|------|-----|------|------|------|------|------|------|------|
| PERMANENT SEEDING            |      |      |      |      |     | →    |      |      |      |      | →    |      |
| DORMANT SEEDING              | →    |      | →    |      |     |      |      |      |      | →    |      | →    |
| TEMPORARY SEEDING            |      |      |      |      |     |      |      |      |      | →    |      |      |
| EROSION BLANKET / HYDROMULCH |      |      |      |      |     |      |      |      |      |      | →    |      |

**EROSION AND SEDIMENT CONTROL STRATEGY:**

- ERECT PERIMETER EROSION BARRIERS AND TEMPORARY FENCES AS SHOWN ON PLANS.
- INSTALL INLET FILTERS AS SHOWN ON THE PLANS.
- ESTABLISH STABILIZED CONSTRUCTION ENTRANCES.
- CLEAR AND GRUB, REMOVE EXISTING TREES AND BUSHES AS NECESSARY.
- INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES FOR THE DURATION OF CONSTRUCTION.
- TEMPORARY STABILIZATION OF EACH STAGE SHOULD BE COMPLETED BEFORE WORK IS MOVED TO SUBSEQUENT STAGES.
- STABILIZE DISTURBED AREAS WITH TEMPORARY EROSION CONTROL MEASURES. USE THE PERMANENT SEEDING WITH EROSION CONTROL BLANKET FOR PERMANENT STABILIZATION AS SHOWN ON THE PLANS.
- WHEN THE PERMANENT STABILIZATION IS ESTABLISHED, REMOVE ALL REMAINING TEMPORARY EROSION CONTROL MEASURES.

**HIGHWAY STANDARDS:**

| STD. NO. | TITLE                             |
|----------|-----------------------------------|
| 280001   | TEMPORARY EROSION CONTROL SYSTEMS |

FILE NAME = G:\Engineering\Live\Projects\13020\_IL\_132\_Bridge\CAD\Drawings\CADD\CADD\_Sheets\Civil\0162A53-shr-ErosionControlNotes.dgn



|                              |                   |           |
|------------------------------|-------------------|-----------|
| USER NAME = jschumann        | DESIGNED - SAT    | REVISED - |
|                              | DRAWN - SAT       | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED - TGM     | REVISED - |
| PLOT DATE = 10/18/2022       | DATE - 10/07/2022 | REVISED - |

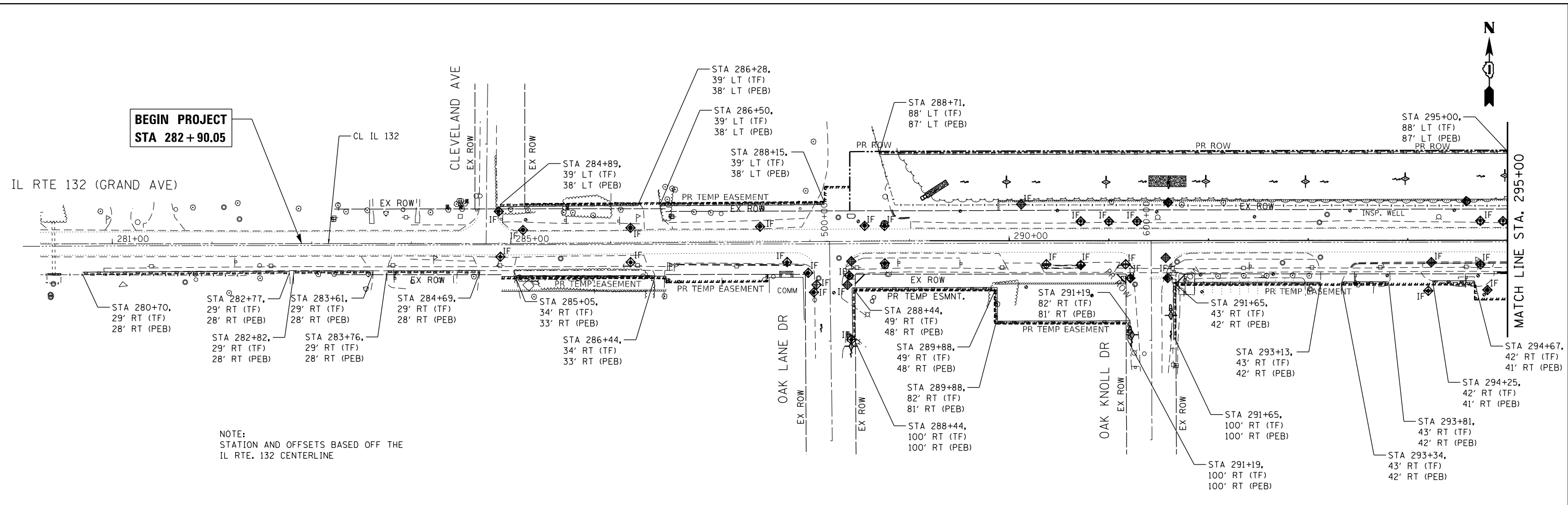
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) – OAK LANE DR. TO MCKINLEY AVE.  
EROSION & SEDIMENT CONTROL NOTES**

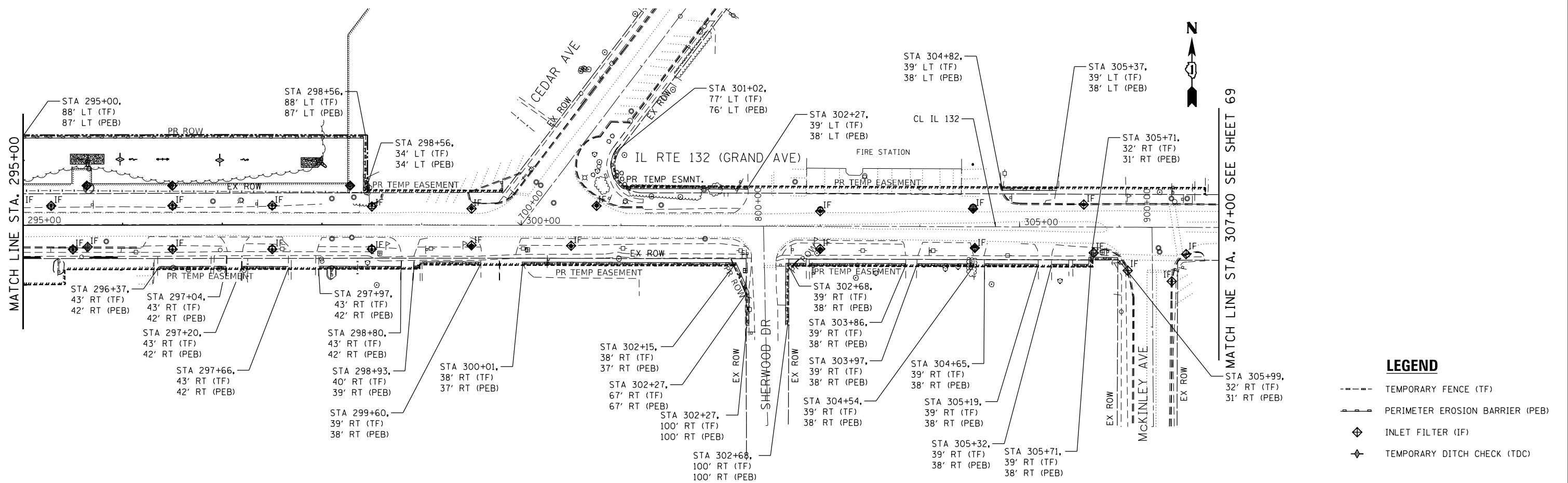
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| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS       | SHEET NO. |
|---------------------------|-----------|--------|--------------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164                | 67        |
|                           |           |        | CONTRACT NO. 62A53 |           |
| ILLINOIS FED. AID PROJECT |           |        |                    |           |

FILE NAME = G:\Engineering\LiveProjects\13020 IL 132 Lond Brudge CAD\CADD Sheets\Civil\13020-132-ERS-Plan.dgn



NOTE:  
STATION AND OFFSETS BASED OFF THE  
IL RTE. 132 CENTERLINE



- LEGEND**
- TEMPORARY FENCE (TF)
  - PERIMETER EROSION BARRIER (PEB)
  - ◆ INLET FILTER (IF)
  - ◆ TEMPORARY DITCH CHECK (TDC)



|                             |                   |           |
|-----------------------------|-------------------|-----------|
| USER NAME = jschumann       | DESIGNED - SAT    | REVISED - |
| PLOT SCALE = 100.0000' / 1" | DRAWN - SAT       | REVISED - |
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|                             | DATE - 10/07/2022 | REVISED - |

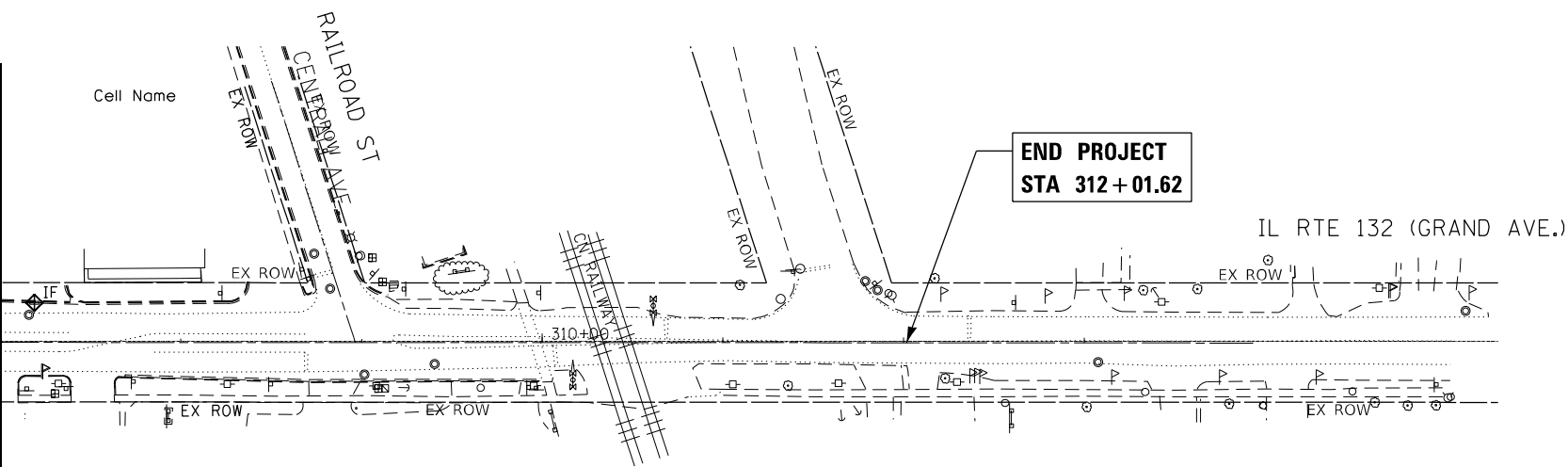
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.  
EROSION AND SEDIMENT CONTROL PLAN - I**

SCALE: 1"=50'    SHEET 1 OF 2 SHEETS    STA.    TO STA.

|                           |                   |             |                  |              |
|---------------------------|-------------------|-------------|------------------|--------------|
| F.A.P. RTE. 541           | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 68 |
| CONTRACT NO. 62A53        |                   |             |                  |              |
| ILLINOIS FED. AID PROJECT |                   |             |                  |              |

MATCH LINE STA 307+00 SEE SHEET 68



END PROJECT  
STA 312+01.62

IL RTE 132 (GRAND AVE.)

**LEGEND**

- TEMPORARY FENCE (TF)
- PERIMETER EROSION BARRIER (PEB)
- ◇ INLET FILTER (IF)
- ◇ TEMPORARY DITCH CHECK (TDC)

FILE NAME = G:\Engineering\LiveProjects\13020 IL 132 Lend Bridge\CADD\CADD Sheets\Civil\1302053-shr-ErosControlPlan\_2.dgn



|                              |                   |           |
|------------------------------|-------------------|-----------|
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| PLOT DATE = 10/18/2022       | DATE - 10/07/2022 | REVISED - |

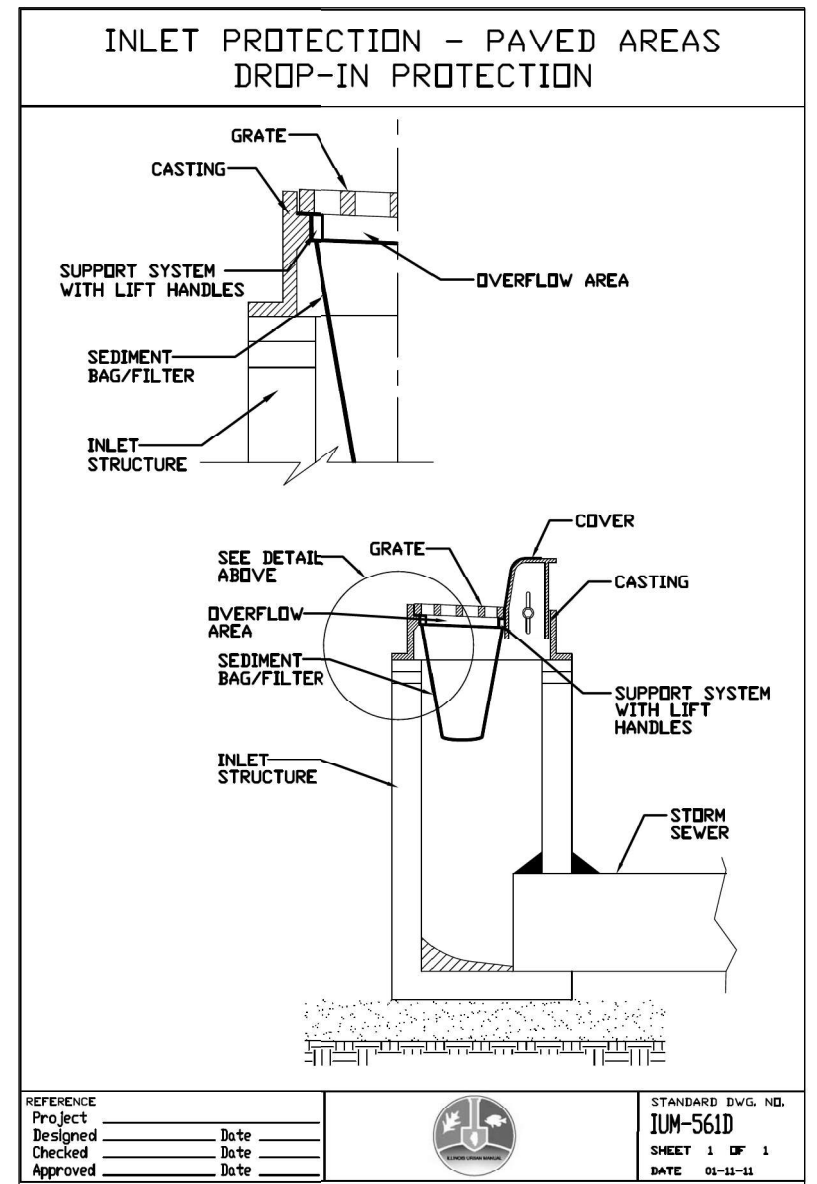
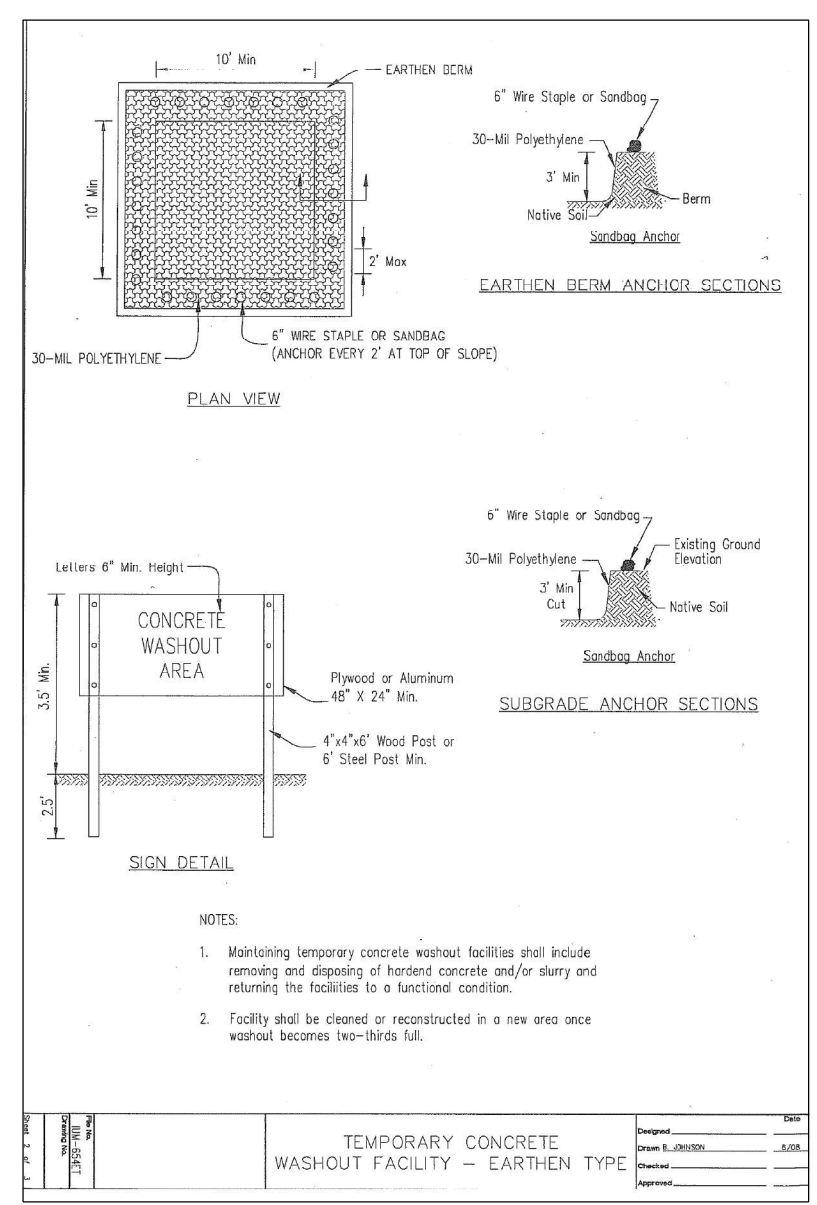
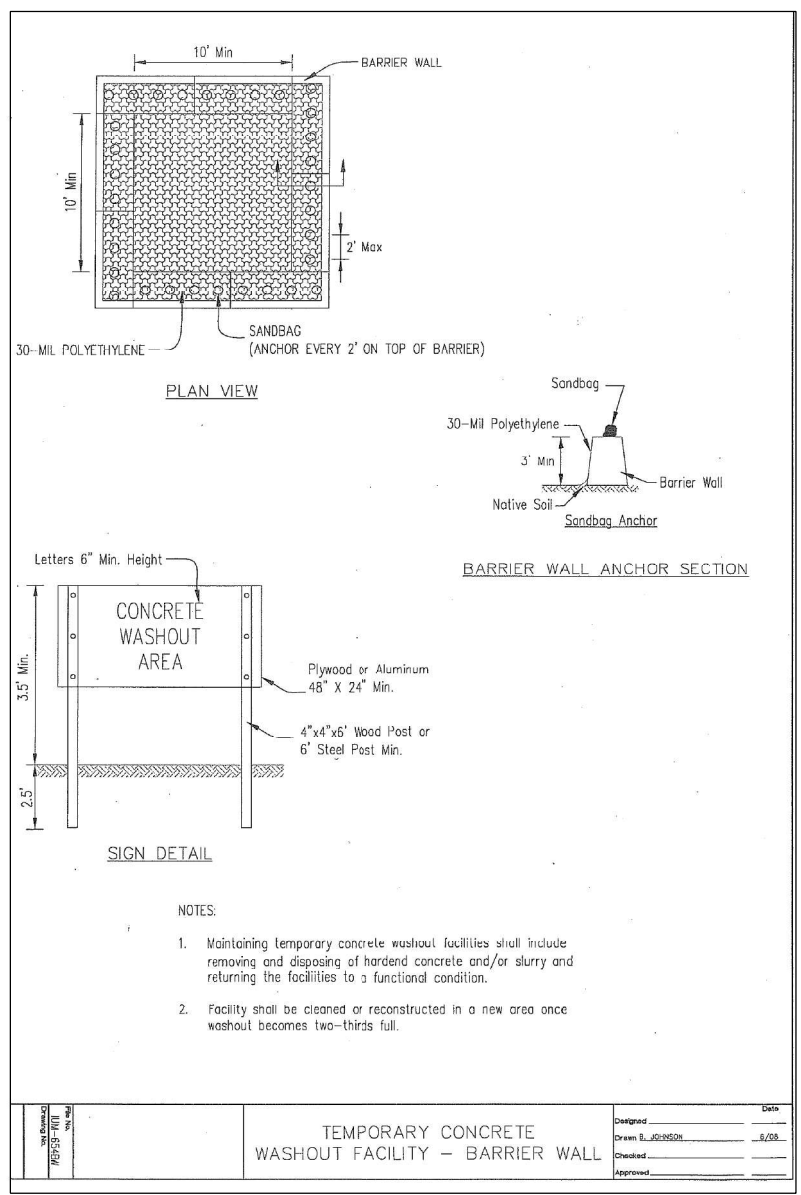
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE.) – OAK LANE DR. TO MCKINLEY AVE.  
EROSION AND SEDIMENT CONTROL PLAN – II

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 69        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

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|                             |                   |           |
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| USER NAME = jschumann       | DESIGNED - SAT    | REVISED - |
| PLOT SCALE = 60.0000' / in. | DRAWN - JN        | REVISED - |
| PLOT DATE = 10/18/2022      | CHECKED - TGM     | REVISED - |
|                             | DATE - 10/07/2022 | REVISED - |

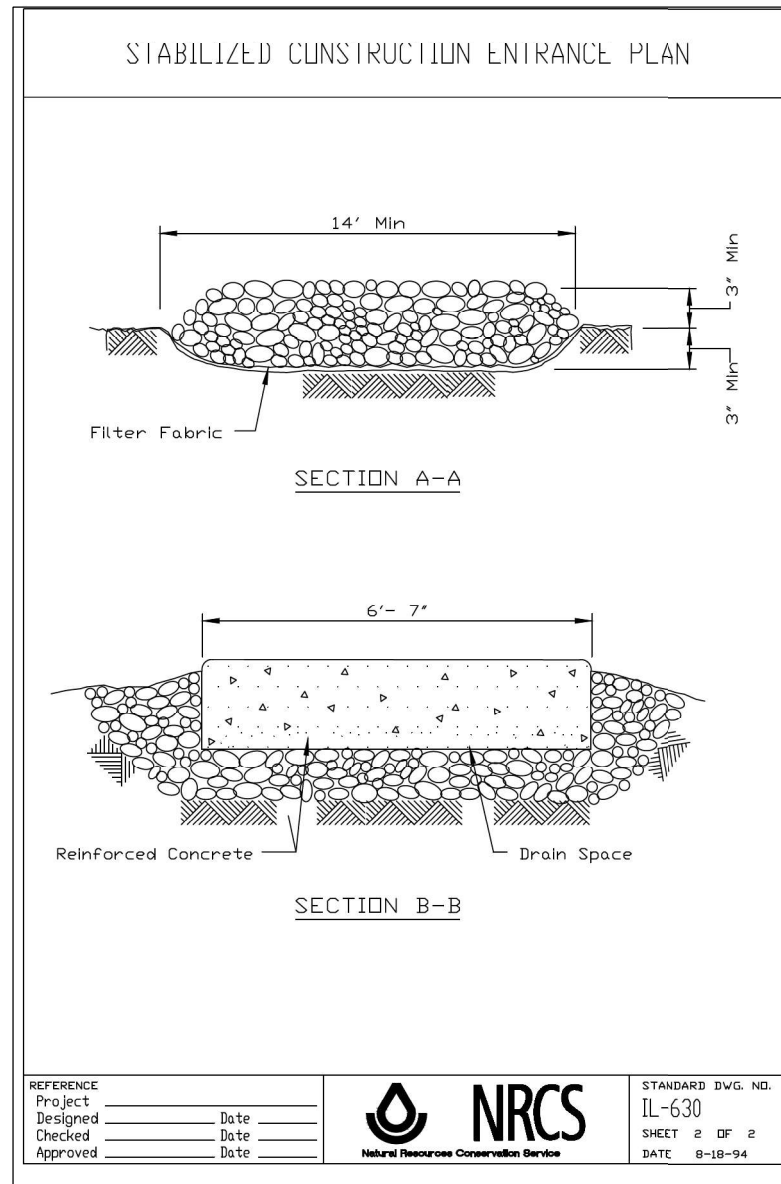
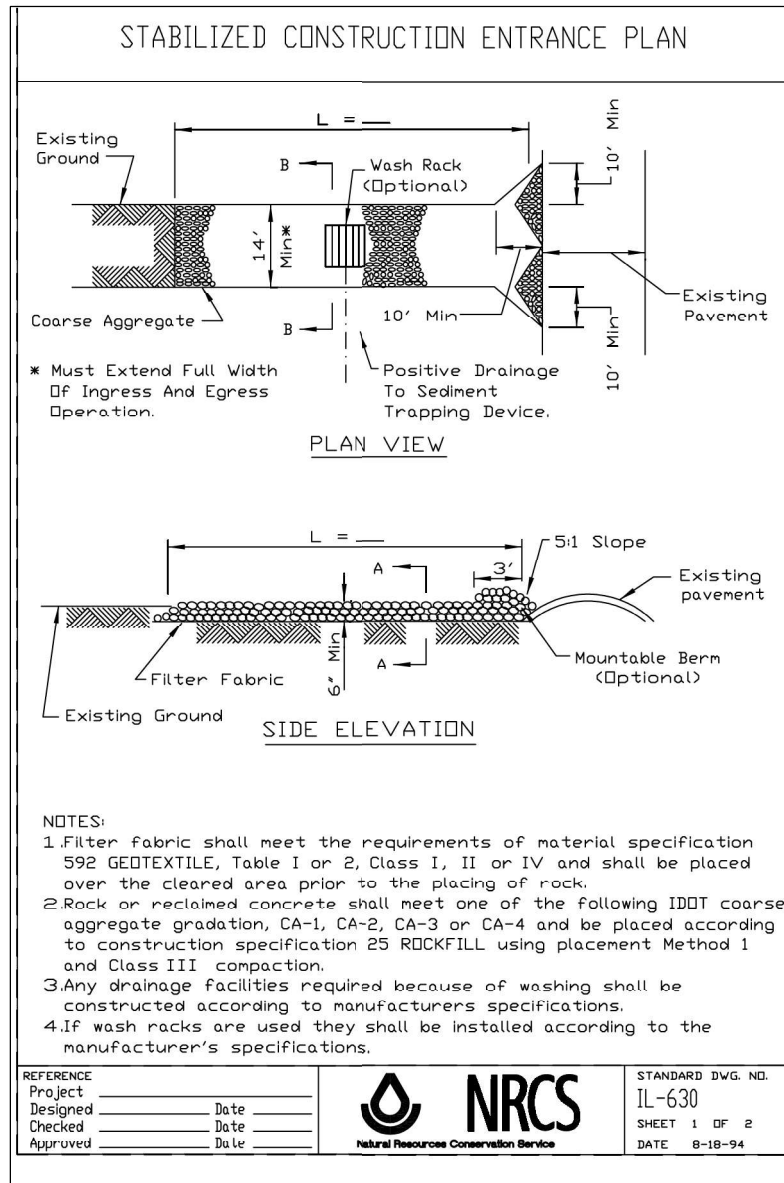
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.  
EROSION AND SEDIMENT CONTROL DETAILS**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

|                    |                   |             |                  |                           |
|--------------------|-------------------|-------------|------------------|---------------------------|
| F.A.P. RTE. 541    | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 70              |
| CONTRACT NO. 62A53 |                   |             |                  | ILLINOIS FED. AID PROJECT |

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|                             |                   |           |
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| PLOT DATE = 10/18/2022      | DATE - 10/07/2022 | REVISED - |

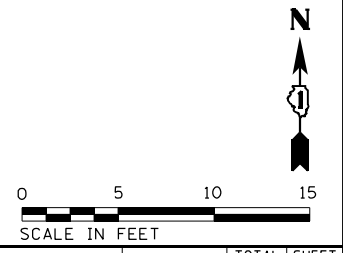
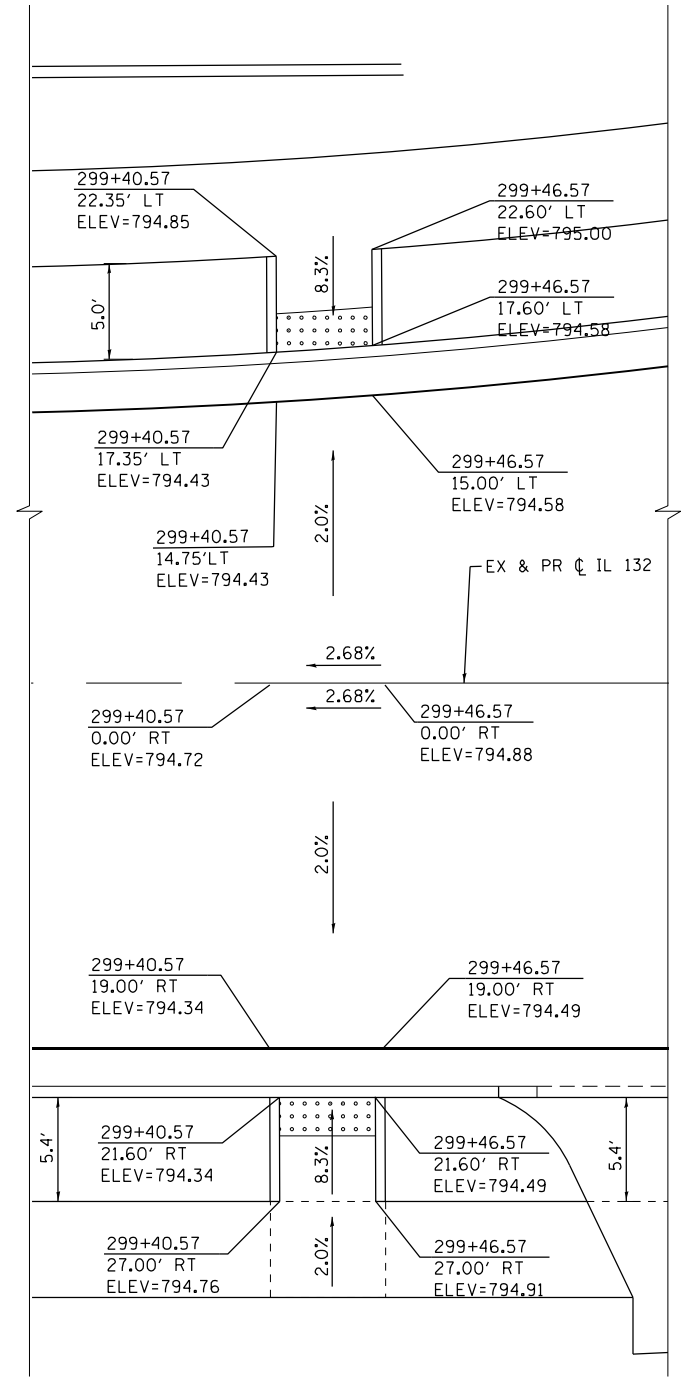
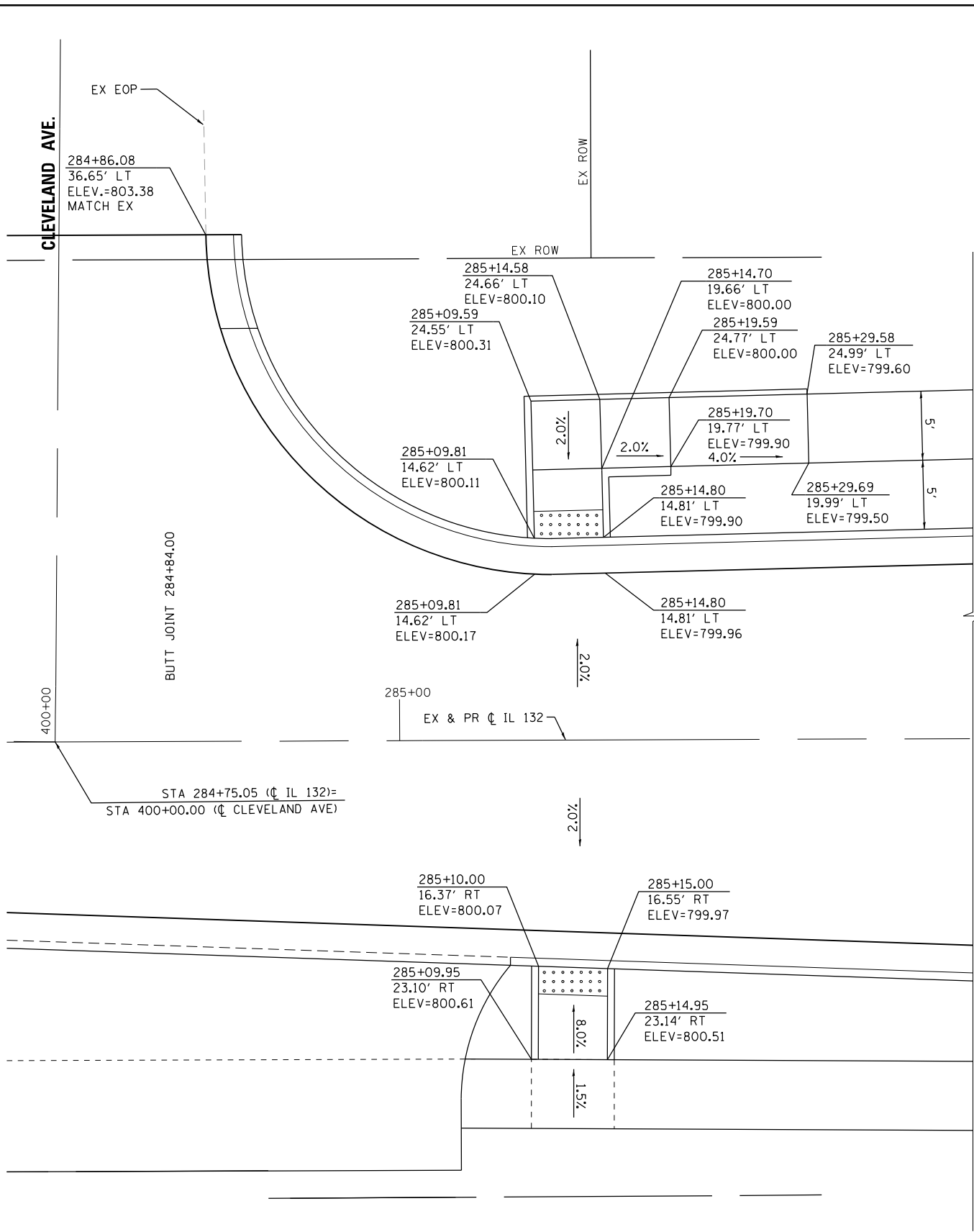
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.  
EROSION AND SEDIMENT CONTROL DETAILS**

SCALE: NONE    SHEET 2 OF 2 SHEETS    STA.    TO STA.

| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 71        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

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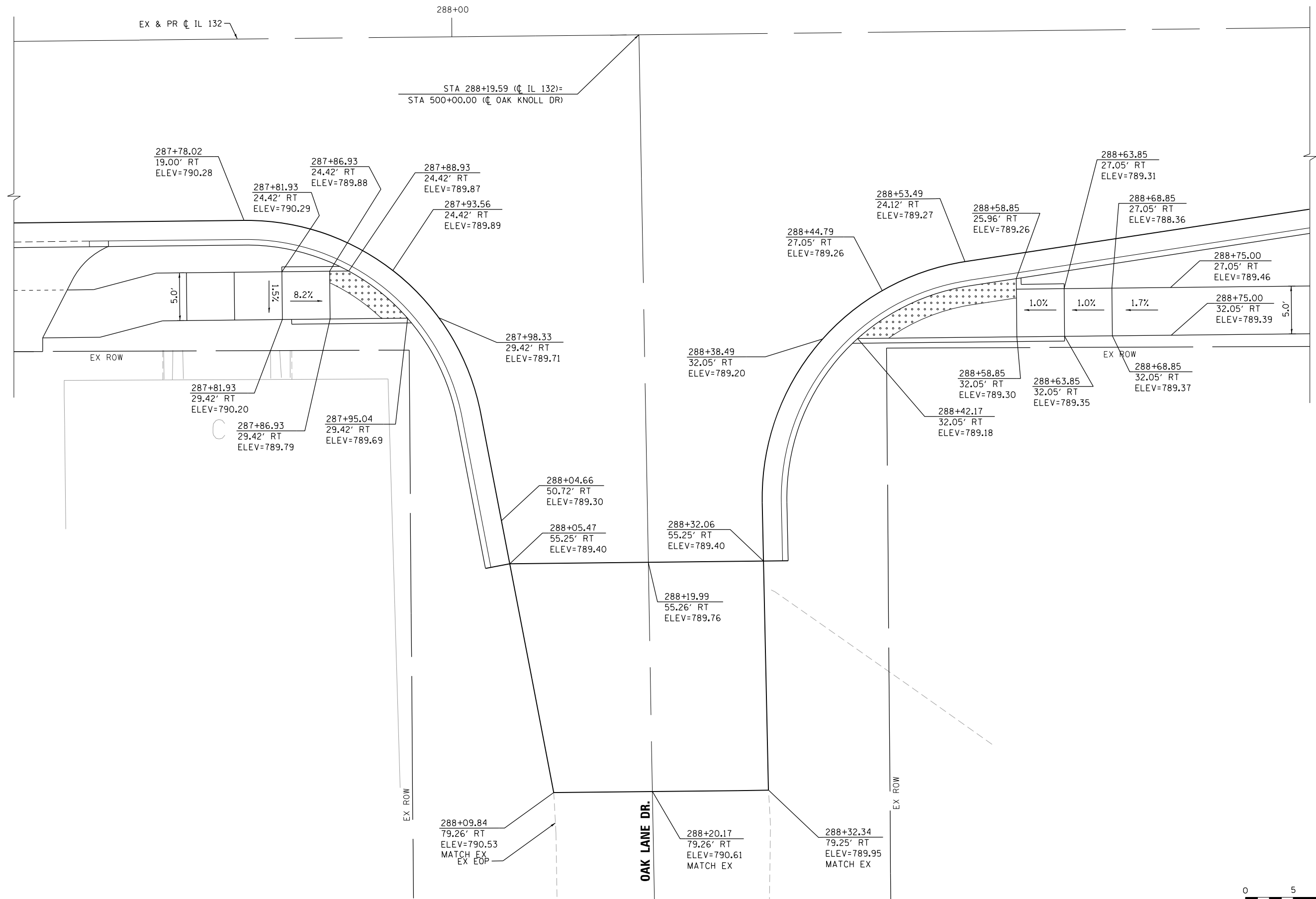
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| DRAWN - MBJ                 | REVISED -         |           |
| PLOT SCALE = 10.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/18/2022      | DATE - 10/18/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE  
INTERSECTION DETAILS**

SCALE: 1" = 5'    SHEET 1 OF 5 SHEETS    STA.    TO STA.

| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 72        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |



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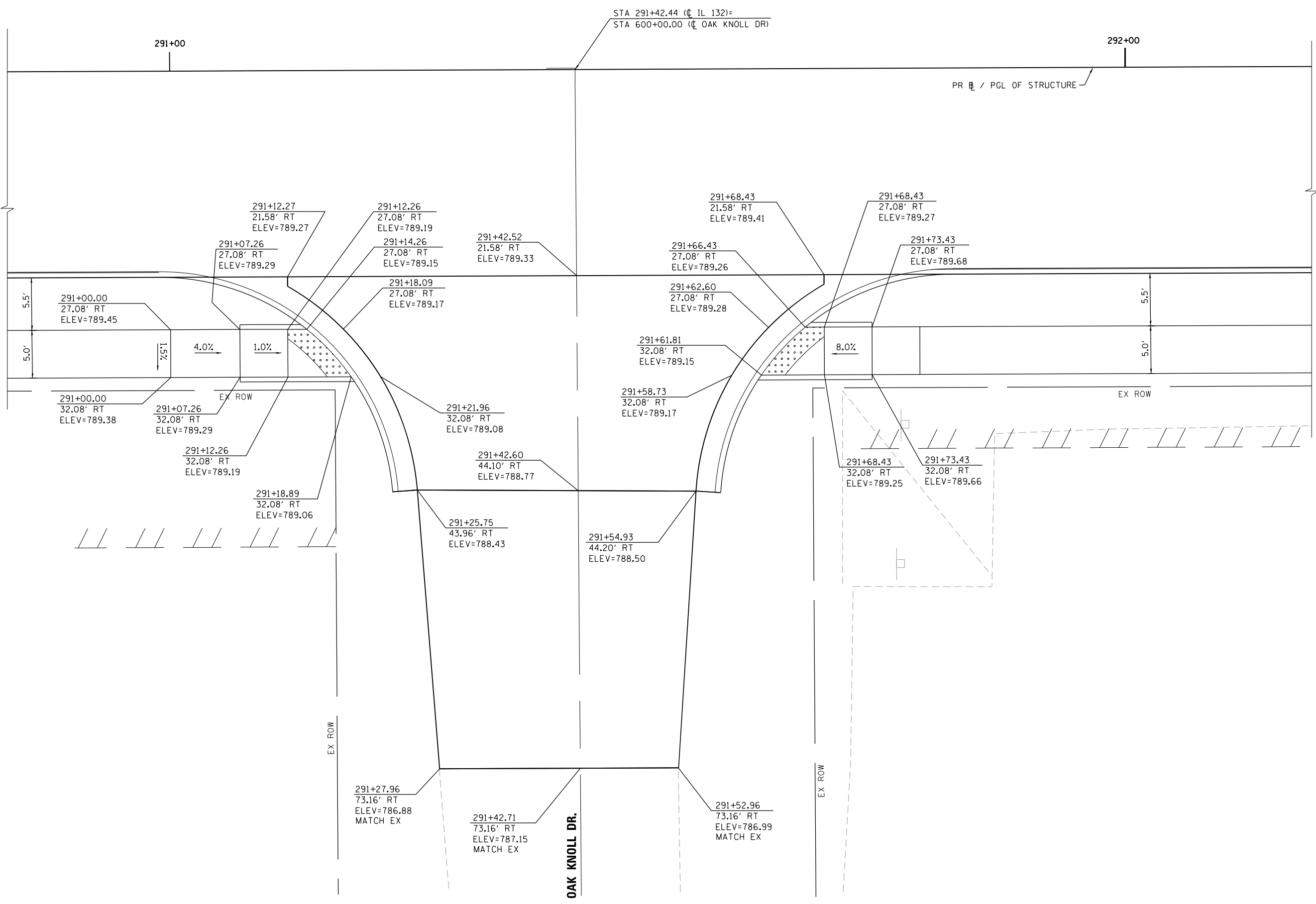
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| PLOT DATE = 10/18/2022      | DATE - 10/18/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|   |                     |              |
|---|---------------------|--------------|
| <b>IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE</b><br><b>INTERSECTION DETAILS</b> |                     |              |
| SCALE: 1" = 5'  | SHEET 2 OF 5 SHEETS | STA. TO STA. |

| F.A.P. RTE.   | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|-----------|--------|--------------|-----------|
| 541   | WR(2)-R-1 | LAKE   | 164          | 73        |
| <b>CONTRACT NO. 62A53</b><br><small>ILLINOIS FED. AID PROJECT</small> |           |        |              |           |





STA 291+42.44 (C IL 132)=  
STA 600+00.00 (C OAK KNOLL DR)

PR ROW / PGL OF STRUCTURE

291+00

292+00

5.5'

5.0'

5.5'

5.0'

1.5%

4.0%

1.0%

8.0%

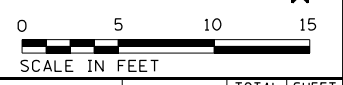
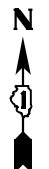
EX ROW

EX ROW

EX ROW

EX ROW

OAK KNOLL DR.



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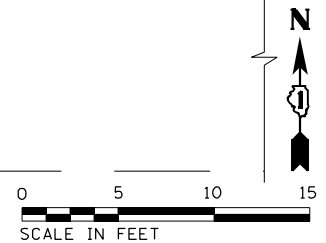
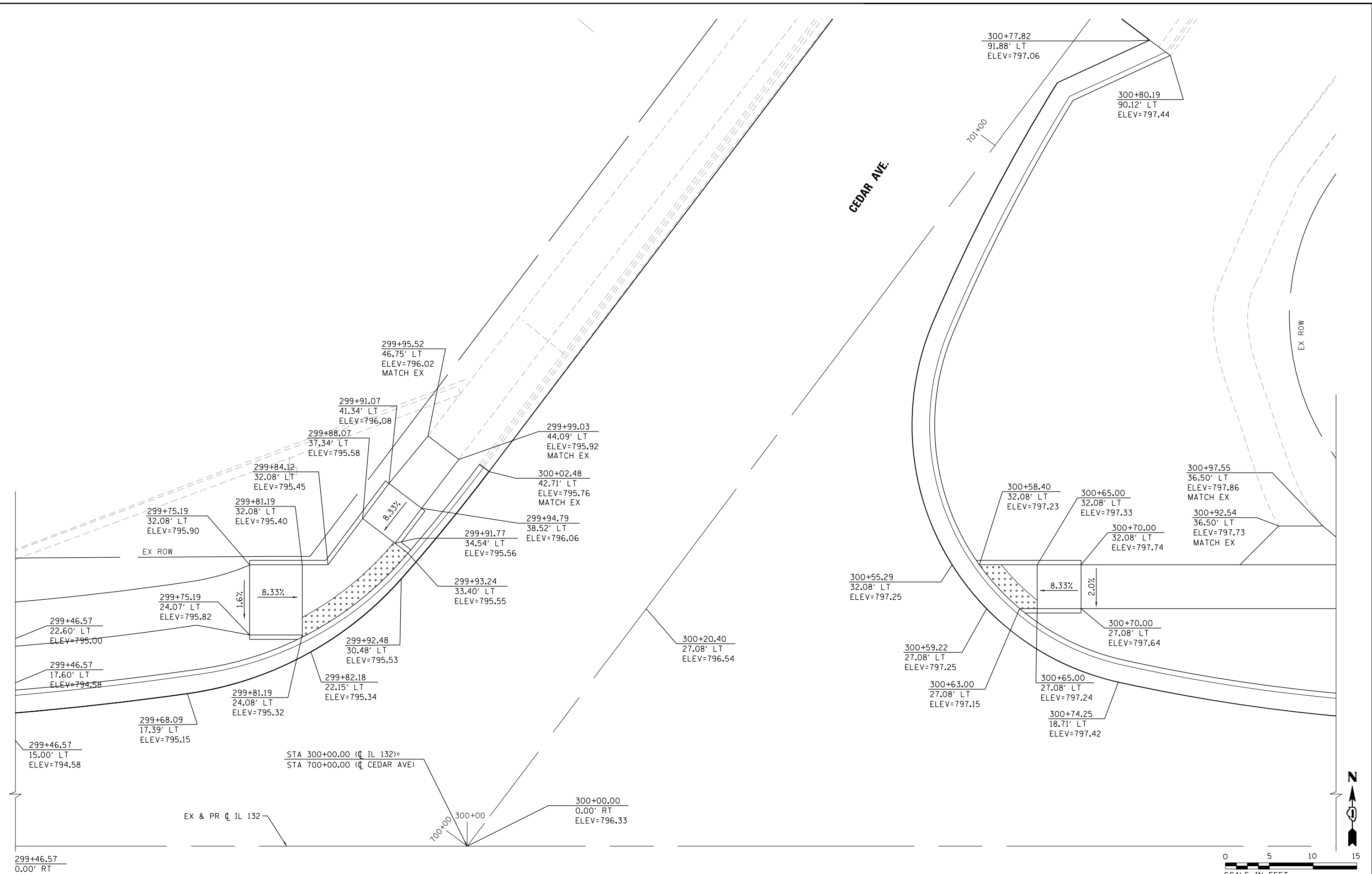
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| PLOT SCALE = 10.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/18/2022      | DATE - 10/18/2022 | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE  
INTERSECTION DETAILS  
SCALE: 1" = 5' SHEET 3 OF 5 SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 74        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

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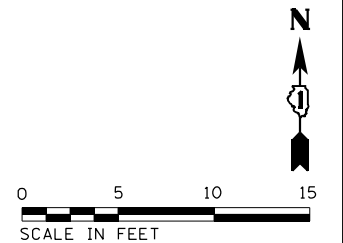
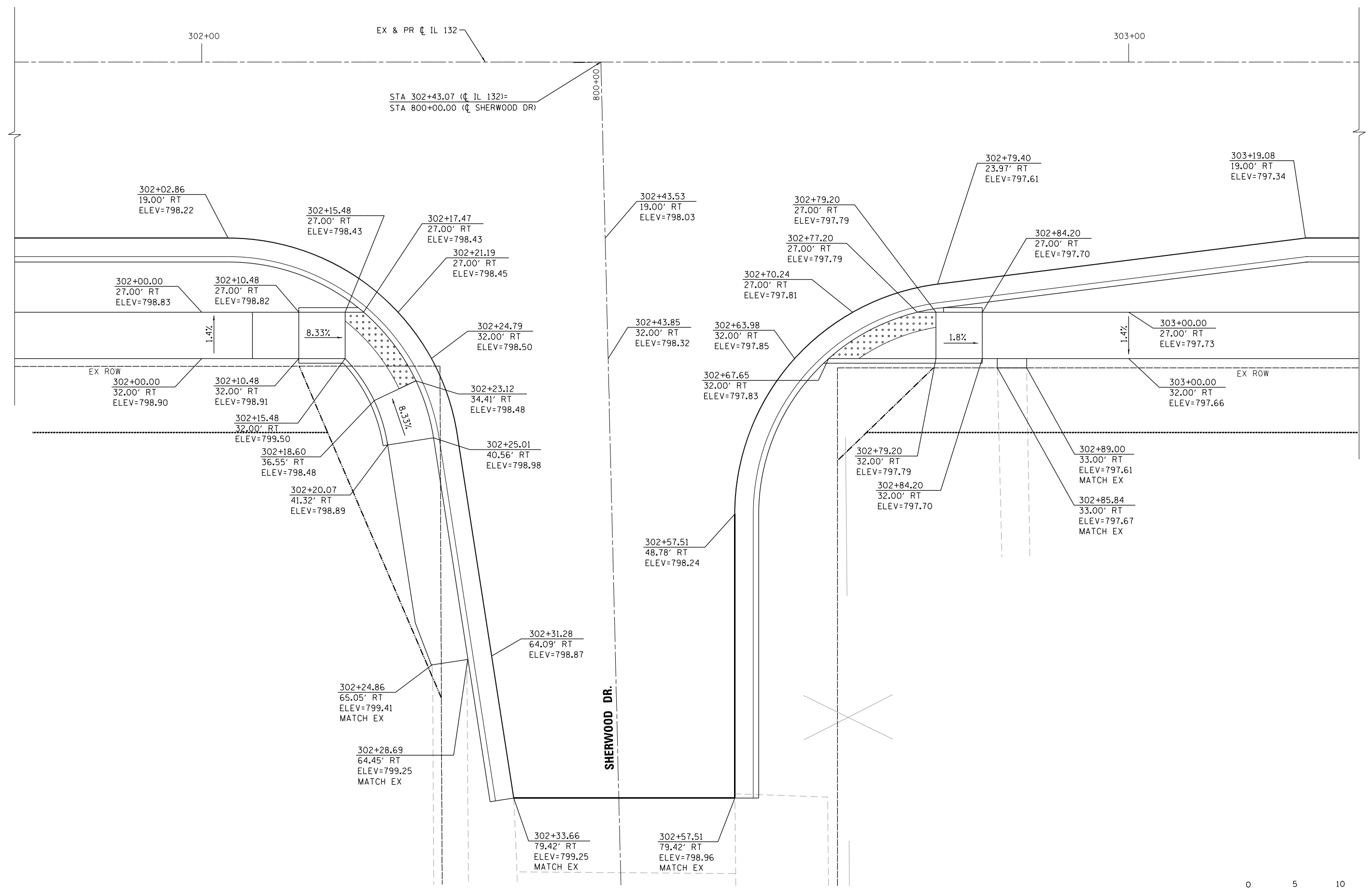
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| PLOT DATE = 10/18/2022      | CHECKED - TPP     | REVISED - |
|                             | DATE - 10/18/2022 | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) - CLEVELAND AVE TO CENTRAL AVE**  
**INTERSECTION DETAILS**  
 SCALE: 1" = 5' SHEET 4 OF 5 SHEETS STA. TO STA.

|                           |                   |             |                  |              |
|---------------------------|-------------------|-------------|------------------|--------------|
| F.A.P. RTE. 541           | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 75 |
| CONTRACT NO. 62A53        |                   |             |                  |              |
| ILLINOIS FED. AID PROJECT |                   |             |                  |              |

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|                             |                   |           |
|-----------------------------|-------------------|-----------|
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|                             | DRAWN - MBJ       | REVISED - |
| PLOT SCALE = 10.0000' / in. | CHECKED - TPP     | REVISED - |
| PLOT DATE = 10/18/2022      | DATE - 10/18/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE) – CLEVELAND AVE TO CENTRAL AVE  
INTERSECTION DETAILS**

SCALE: 1" = 5'    SHEET 5 OF 5 SHEETS    STA.    TO STA.

| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 76        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

**BEGIN PAVEMENT MARKINGS**  
STA 280+86.44

**BEGIN PROJECT**  
STA 282+90.05

**PAVEMENT MARKING LEGEND**

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' DASH, 30' SKIP)
- ④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH, 2' DASH, 6' SKIP)
- ⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (DIAGONAL YELLOW)
- ⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE CROSSWALK), SEE DISTRICT DETAIL TC-13 FOR PROPER SPACING

- ⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑩ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)
- ⑪ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ⑫ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)
- ⑬ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' DASH, 30' SKIP)
- ⑭ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SOLID WHITE)
- ⑮ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH, 2' DASH, 6' SKIP)
- ⑯ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (DIAGONAL YELLOW)

- ⑰ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (SOLID WHITE)
- ⑱ RAISED REFLECTIVE PAVEMENT MARKER 2 WAY AMBER 40' C/C
- ⑳ RAISED REFLECTIVE PAVEMENT MARKER 1 WAY CRYSTAL 40' C/C

**SIGNING LEGEND**

- (A) RELOCATE SIGN PANEL - TYPE 1 ON NEW METAL POST - TYPE A
- (B) RELOCATE SIGN PANEL - TYPE 1 ON NEW TELESCOPING POST
- (C) RELOCATE SIGN PANEL ASSEMBLY - TYPE A ON NEW METAL POST - TYPE A
- (D) RELOCATE SIGN PANEL ASSEMBLY - TYPE A ON NEW TELESCOPING POST
- (E) RELOCATE SIGN PANEL ASSEMBLY - TYPE B ON NEW TELESCOPING POST
- (F) RELOCATE SIGN PANEL - TYPE 1 ON EXISTING POST WITH BASE FOR TELESCOPING STEEL SIGN SUPPORT CONCRETE FOUNDATION, TYPE A
- (G) REMOVE SIGN PANEL - TYPE 1
- (H) EXISTING SIGNS TO REMAIN

**NOTES**

1. INSTALL PAVEMENT MARKINGS IN ACCORDANCE WITH DISTRICT ONE STANDARD DETAIL TC-13 TYPICAL PAVEMENT MARKINGS.
2. INSTALL RAISED REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH DISTRICT ONE STANDARD DETAIL TC-11 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT), OMIT OVER BRIDGE.
3. CONTRACTOR SHALL TAKE GREAT CARE IN REMOVING SIGN POST FOR SIGNING LEGEND ITEM (F)

MATCH LINE STA 295+00 SEE ABOVE

MATCH LINE STA 307+00 SEE SHEET 78

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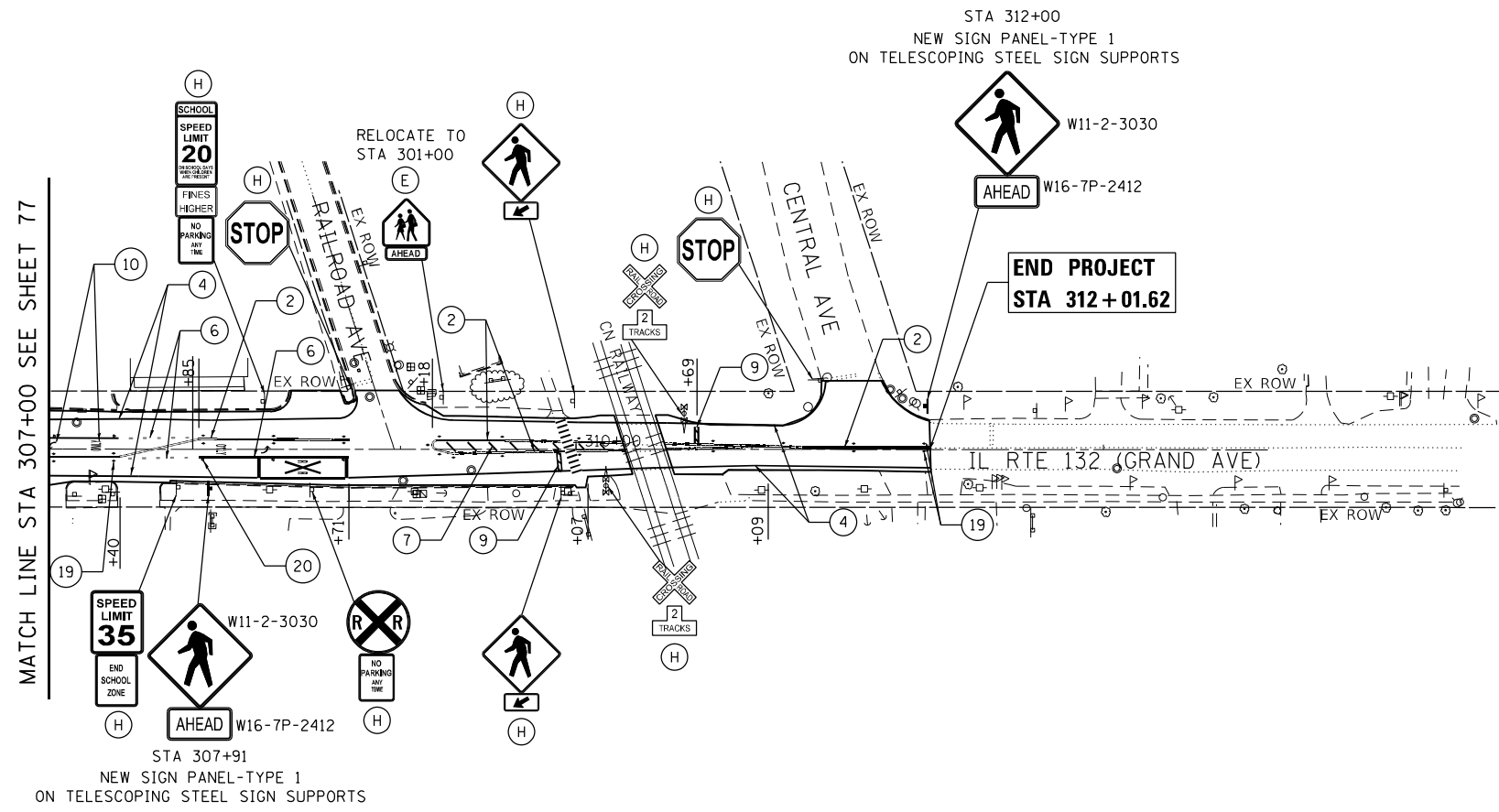
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|------------------------------|-------------------|-----------|
| USER NAME = jschumann        | DESIGNED - AB     | REVISED - |
| PLOT SCALE = 100.0000' / in. | DRAWN - AB        | REVISED - |
| PLOT DATE = 10/19/2022       | CHECKED - TGM     | REVISED - |
|                              | DATE - 10/07/2022 | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.**  
**PAVEMENT MARKING AND SIGNING PLAN - I**

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. TO STA.

|                    |                   |             |                  |                           |
|--------------------|-------------------|-------------|------------------|---------------------------|
| F.A.P. RTE. 541    | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 77              |
| CONTRACT NO. 62A53 |                   |             |                  | ILLINOIS FED. AID PROJECT |



MATCH LINE STA 307+00 SEE SHEET 77

STA 307+91  
NEW SIGN PANEL-TYPE 1  
ON TELESCOPING STEEL SIGN SUPPORTS

STA 312+00  
NEW SIGN PANEL-TYPE 1  
ON TELESCOPING STEEL SIGN SUPPORTS

END PROJECT  
STA 312+01.62

**PAVEMENT MARKING LEGEND**

- |  |   |  |
|--|---|--|
| <ul style="list-style-type: none"> <li>① THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID YELLOW)</li> <li>② THERMOPLASTIC PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)</li> <li>③ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' DASH, 30' SKIP)</li> <li>④ THERMOPLASTIC PAVEMENT MARKING - LINE 4" (SOLID WHITE)</li> <li>⑤ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE)</li> <li>⑥ THERMOPLASTIC PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH, 2' DASH, 6' SKIP)</li> <li>⑦ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (DIAGONAL YELLOW)</li> <li>⑧ THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE CROSSWALK), SEE DISTRICT DETAIL TC-13 FOR PROPER SPACING</li> </ul> | <ul style="list-style-type: none"> <li>⑨ THERMOPLASTIC PAVEMENT MARKING - LINE 24" (SOLID WHITE)</li> <li>⑩ THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)</li> <li>⑪ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID YELLOW)</li> <li>⑫ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (DOUBLE YELLOW)</li> <li>⑬ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (YELLOW SKIP DASH, 10' DASH, 30' SKIP)</li> <li>⑭ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (SOLID WHITE)</li> <li>⑮ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" (WHITE SKIP DASH, 2' DASH, 6' SKIP)</li> </ul> | <ul style="list-style-type: none"> <li>⑯ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (DIAGONAL YELLOW)</li> <li>⑰ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" (SOLID WHITE)</li> <li>⑱ MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS (SOLID WHITE)</li> <li>⑲ RAISED REFLECTIVE PAVEMENT MARKER 2 WAY AMBER 40' C/C</li> <li>⑳ RAISED REFLECTIVE PAVEMENT MARKER 1 WAY CRYSTAL 40' C/C</li> </ul> |
|--|---|--|

**NOTES**

1. INSTALL PAVEMENT MARKINGS IN ACCORDANCE WITH DISTRICT ONE DETAIL TC-13 TYPICAL PAVEMENT MARKINGS.
2. INSTALL RAISED REFLECTIVE PAVEMENT MARKERS IN ACCORDANCE WITH DISTRICT ONE STANDARD DETAIL TC-11 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT). OMIT OVER BRIDGE.

**SIGNING LEGEND**

- Ⓐ RELOCATE SIGN PANEL - TYPE 1 ON NEW METAL POST - TYPE A
- Ⓑ RELOCATE SIGN PANEL - TYPE 1 ON NEW TELESCOPING POST
- Ⓒ RELOCATE SIGN PANEL ASSEMBLY - TYPE A ON NEW METAL POST - TYPE A
- Ⓓ RELOCATE SIGN PANEL ASSEMBLY - TYPE A ON NEW TELESCOPING POST
- Ⓔ RELOCATE SIGN PANEL ASSEMBLY - TYPE B ON NEW TELESCOPING POST
- Ⓕ RELOCATE SIGN PANEL - TYPE 1 ON EXISTING POST WITH BASE FOR TELESCOPING STEEL SIGN SUPPORT CONCRETE FOUNDATION, TYPE A
- Ⓖ REMOVE SIGN PANEL - TYPE 1
- Ⓗ EXISTING SIGNS TO REMAIN

FILE NAME = G:\Engineering\LiveProjects\13020 IL 132 Lond Brudge CADD\CADD Sheets\Civil\0162A53-shr-PMK Sign 2.dgn



|                              |                   |           |
|------------------------------|-------------------|-----------|
| USER NAME = jschumann        | DESIGNED - AB     | REVISED - |
| PLOT SCALE = 100.0000' / in. | DRAWN - AB        | REVISED - |
| PLOT DATE = 10/19/2022       | CHECKED - TGM     | REVISED - |
|                              | DATE - 10/07/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

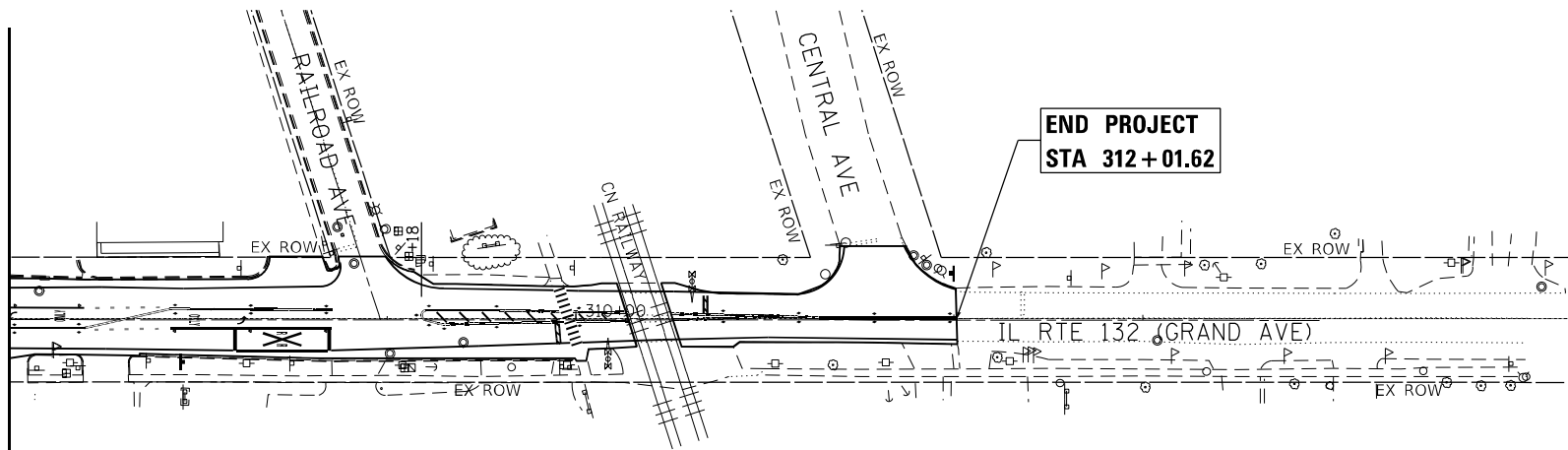
**IL 132 (GRAND AVE.) - OAK LANE DR. TO MCKINLEY AVE.  
PAVEMENT MARKING AND SIGNING PLAN - II**

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. TO STA.



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|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 78        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |



MATCH LINE STA 307+00 SEE SHEET 79



**LANDSCAPING LEGEND**

-  SEEDING, CLASS 2A  
W/EROSION CONTROL BLANKET
-  SEEDING, CLASS 4  
W/EROSION CONTROL BLANKET

FILE NAME = G:\Engineering\LiveProjects\13020 IL 132 Lond Bridge\CADD\CADD Sheets\Civil\13020A53-shr-Landscaping\_2.dgn



|                              |                   |           |
|------------------------------|-------------------|-----------|
| USER NAME = jschumann        | DESIGNED - AB     | REVISED - |
| DRAWN - AB                   | REVISIONS -       |           |
| PLOT SCALE = 100.0000' / in. | CHECKED - TGM     | REVISED - |
| PLOT DATE = 10/19/2022       | DATE - 10/07/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

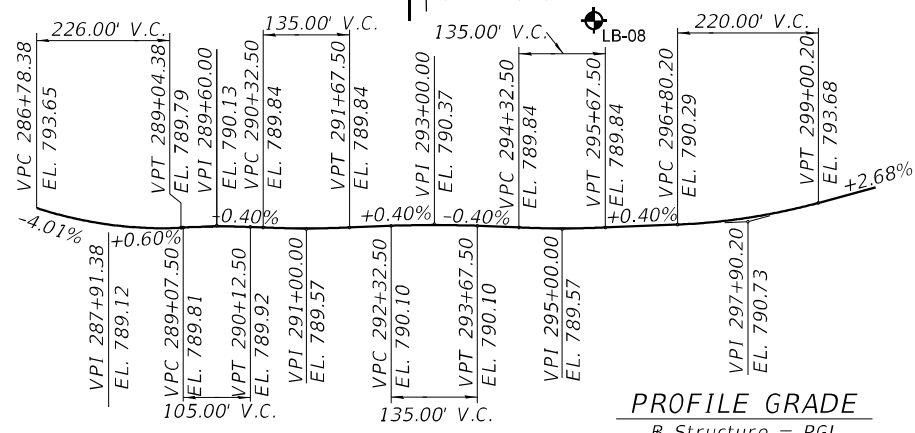
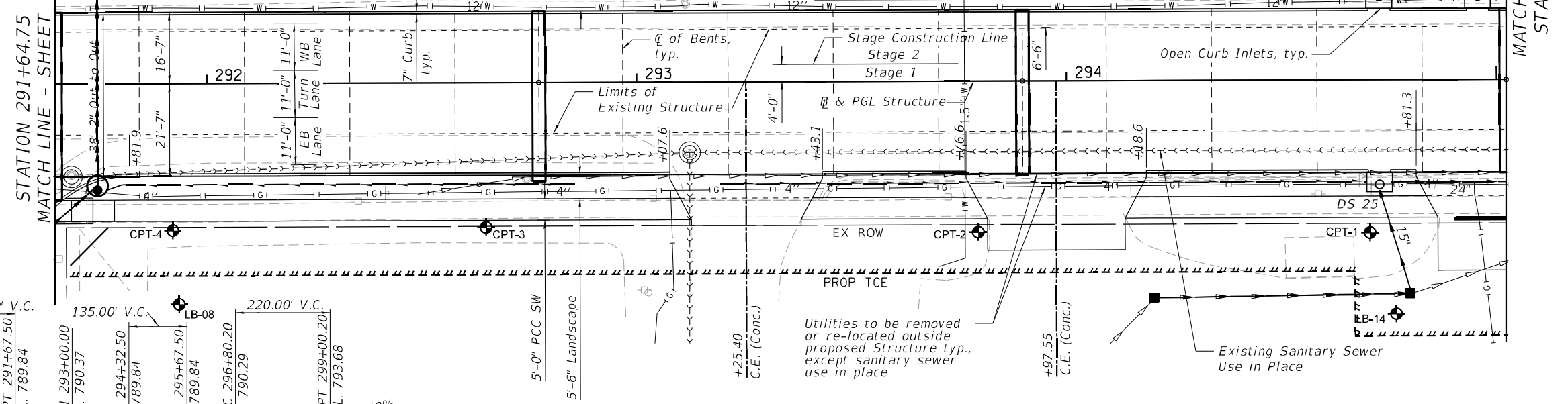
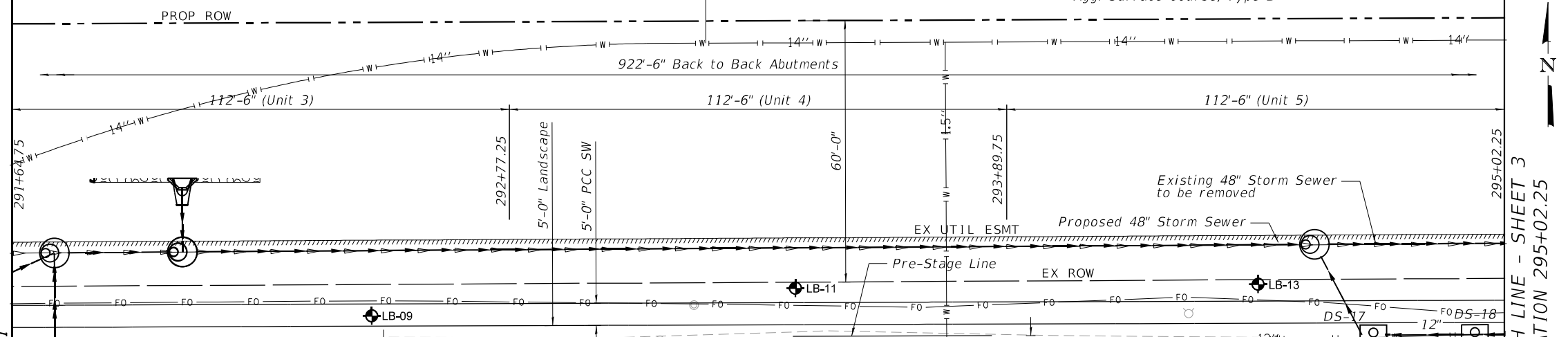
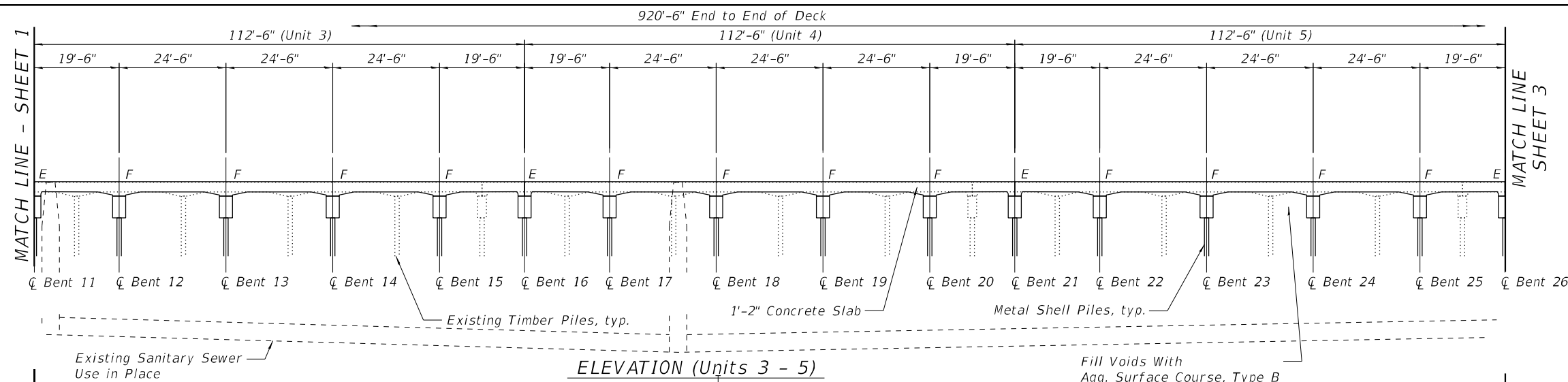
**IL 132 (GRAND AVE.) – OAK LANE DR. TO MCKINLEY AVE.  
LANDSCAPING PLAN – II**

SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. TO STA.

| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 80        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |







PLAN (Units 3 - 5)

**NOTE:**  
 ☉ of Structure and PGL is a straight line from the intersection of Proposed ☉ West Abutment & ☉ East Abutment and the Platted Proposed & Existing ☉ IL 132.

**GENERAL PLAN II**  
**ILLINOIS ROUTE 132 DRY LAND BRIDGE,**  
**OAK LANE DR. TO MCKINLEY AVE.**  
**F.A.P. RTE. 541 - SEC. WR(2)-R-1**  
**LAKE COUNTY**  
**STATION 293+80.00**  
**STRUCTURE NO. 049-0690**

**ABNA**  
 DESIGN FIRM REG. 184.002117  
 9901 S. Western Ave.  
 Chicago, IL 60643  
 Ph. 773-881-4788  
 F: 773.239.3728

|                   |           |
|-------------------|-----------|
| DESIGNED - FH     | REVISED - |
| DRAWN - JKR       | REVISED - |
| CHECKED - SEA     | REVISED - |
| DATE - 11/30/2022 | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN AND ELEVATION**  
**STRUCTURE NO. 049-0690**

SCALE: SHEET 2 OF 56 SHEETS STA. 291+64.75 TO STA. 295+02.25

| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 82        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |



**GENERAL NOTES**

1. Reinforcement bars designated (E) shall be epoxy coated.
2. The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection.

**SANITARY SEWER NOTES**

1. Sanitary sewer line adjacent to proposed CMP piles must be located by hydrovac excavation prior to commencing driving operations. cost included with "Driving Piles".
2. Driving equipment shall not be placed directly over the sanitary sewer line unless over protective timber matting.
3. Proposed piles must have ±2'-11" clearance between outside of the sanitary sewer and the extremity of any piles.

**TOTAL BILL OF MATERIAL**

| ITEM                                      | UNIT    | SUPER   | SUB    | TOTAL   |
|---|---------|---------|--------|---------|
| Aggregate Surface Course, Type B          | Tons    | -       | 500    | 500     |
| Removal of Existing Structures            | Each    | -       | -      | 1       |
| Structure Excavation                      | Cu. Yd. | -       | 1,665  | 1,665   |
| Concrete Structures                       | Cu. Yd. | 23.6    | 650.5  | 674.1   |
| Concrete Superstructures                  | Cu. Yd. | 1,823.8 | -      | 1,823.8 |
| Bridge Deck Grooving                      | Sq. Yd. | 3,810   | -      | 3,810   |
| Protective Coat                           | Sq. Yd. | 4,214   | -      | 4,214   |
| Concrete Superstructure (Approach Slab)   | Cu. Yd. | 107.3   | -      | 107.3   |
| Reinforcement Bars, Epoxy Coated          | Pound   | 599,570 | 87,020 | 686,590 |
| Bar Splicers                              | Each    | 3,141   | 504    | 3,645   |
| Furnishing Metal Shell Piles 14" x 0.250" | Foot    | -       | 19,663 | 19,663  |
| Driving Piles                             | Foot    | -       | 19,663 | 19,663  |
| Test Pile Metal Shells                    | Each    | -       | 14     | 14      |
| Preformed Joint Strip Seal                | Foot    | 267     | -      | 267     |
| Floor Drains (Special)                    | Each    | 15      | -      | 15      |
| Subbase Granular Material, Type B 4       | Sq. Yd. | 4106    | -      | 4106    |

**Pay Item Note:**

Aggregate Surface Course, Type B is an estimate quantity for filling voids that may be encountered beneath the existing dry land bridge.

See Structural Geotech Report prepared by Rubino Engineering, Inc. Project No. G16.099, dated October 22, 2020.

Final quantities for payment shall be measured in the field by the Engineer.

**INDEX OF SHEETS**

- 1-3 General Plan & Elevation
- 4 Index of Sheets, General Notes & Bill of Material
- 5 Substructure Layout Plan
- 6 Stage Construction Details
- 7 Temporary Concrete Barrier for Stage Construction
- 8 Top of Slab Elevations 1
- 9 Top of Slab Elevations 2 (Units 1-4)
- 10 Top of Slab Elevations 3 (Units 5-8)
- 11 Top of Approach Slab Elevations
- 12 Superstructure Plan Unit 1 (Top Reinforcement)
- 13 Superstructure Plan Unit 1 (Bottom Reinforcement)
- 14 Superstructure Plan Units 2-8
- 15 Superstructure Details and Cross Section
- 16 Bridge West Approach Slab Details-I
- 17 Bridge West Approach Slab Details-II
- 18 Bridge East Approach Slab Details-I
- 19 Bridge East Approach Slab Details-II
- 20 Floor Drain (Special) Details
- 21 Preformed Joint Strip Seal
- 22 Bar Splicer Assembly And Mechanical Splicer Details
- 23 West Abutment
- 24 East Abutment
- 25 Interior Pile Bents (Group A)
- 26 Interior Pile Bents (Group B)
- 27 Interior Pile Bents (Group C)
- 28 Interior Pile Bents (Group D)
- 29 Interior Pile Bents (Group E)
- 30 Interior Pile Bents (Group F)
- 31 Interior Pile Bents (Group G)
- 32 Interior Pile Bents (Group H)
- 33 Interior Pile Bents (Group I)
- 34 Interior Pile Bents (Group J)
- 35 Interior Pile Bents (Group K)
- 36 Interior Pile Bents (Group L)
- 37 Interior Pile Bents (Group M)
- 38 Interior Pile Bents (Group N)
- 39 Interior Pile Bents (Group O)
- 40 Metal Shell Pile Details
- 41-56 Boring Logs

12/7/2022  
#FILES



9901 S. Western Ave.  
Chicago, IL 60643  
Ph. 773-881-4788  
F: 773.239.3728

|                  |           |
|------------------|-----------|
| DESIGNED - FH    | REVISED - |
| DRAWN - JKR      | REVISED - |
| CHECKED - SEA    | REVISED - |
| DATE - 12/7/2022 | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, GENERAL NOTES & BILL OF MATERIAL  
STRUCTURE NO. 049-0690**

SCALE: SHEET 4 OF 56 SHEETS STA. TO STA.

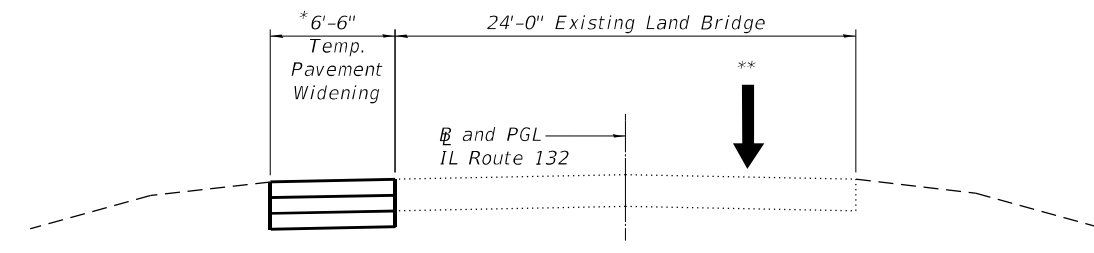
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|---------------------------|-----------|--------|--------------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | #TTL               | #BRG4     |
|                           |           |        | CONTRACT NO. 62A53 |           |
| ILLINOIS FED. AID PROJECT |           |        |                    |           |



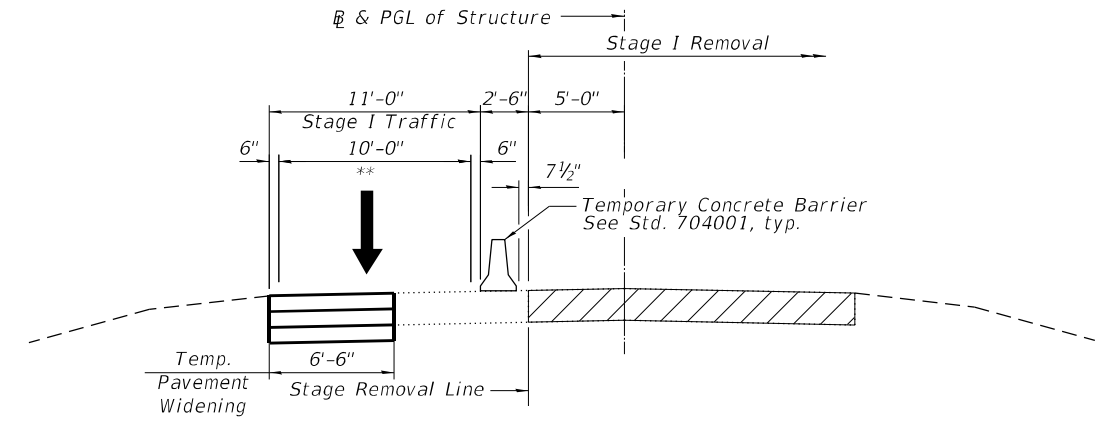
\*Construct the Temporary Pavement Widening using Daily lane closures during allowable hours only as specified in the Special Provision "Keeping Arterial Roadways Open to Traffic".

See Roadway Plans for Stabilization of existing subgrade and Temp. Pavement.

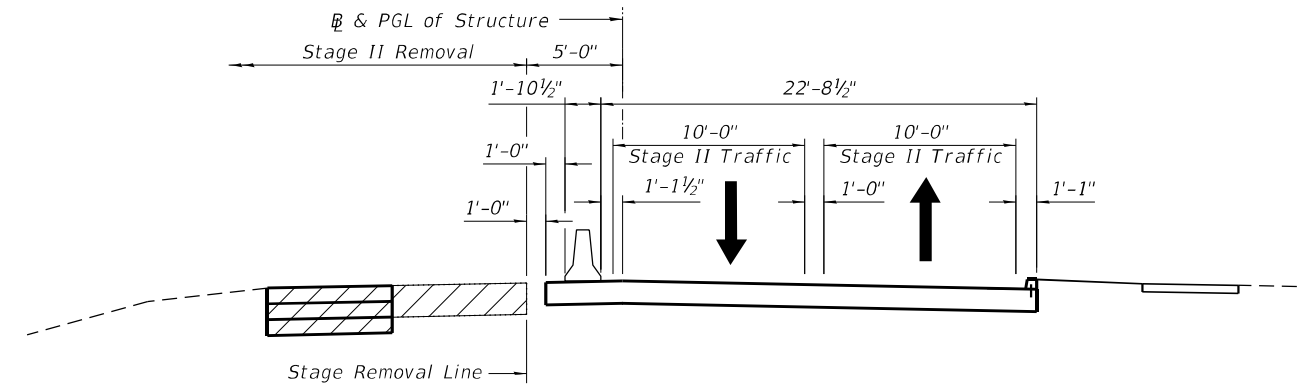
\*\*East Bound Traffic shall be detoured. One lane open for West Bound Traffic.



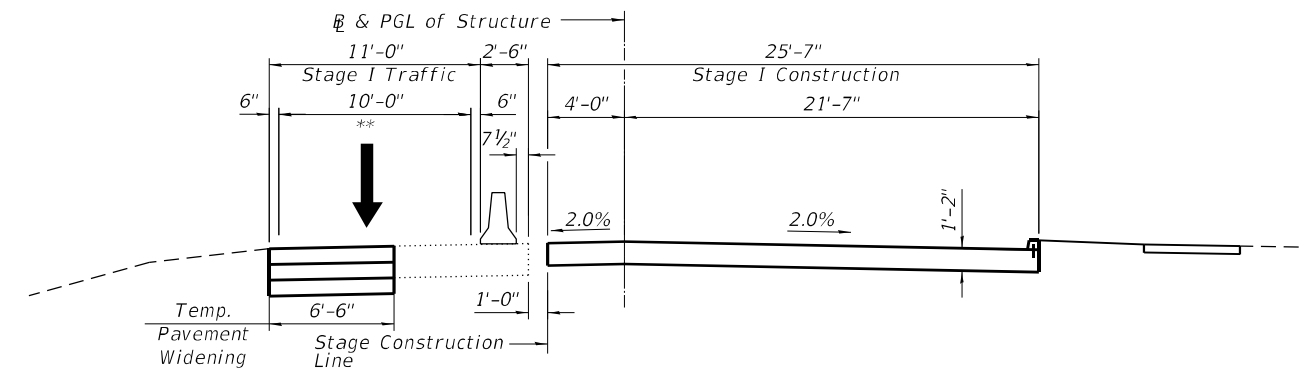
**PRE-STAGE**  
(Looking East)



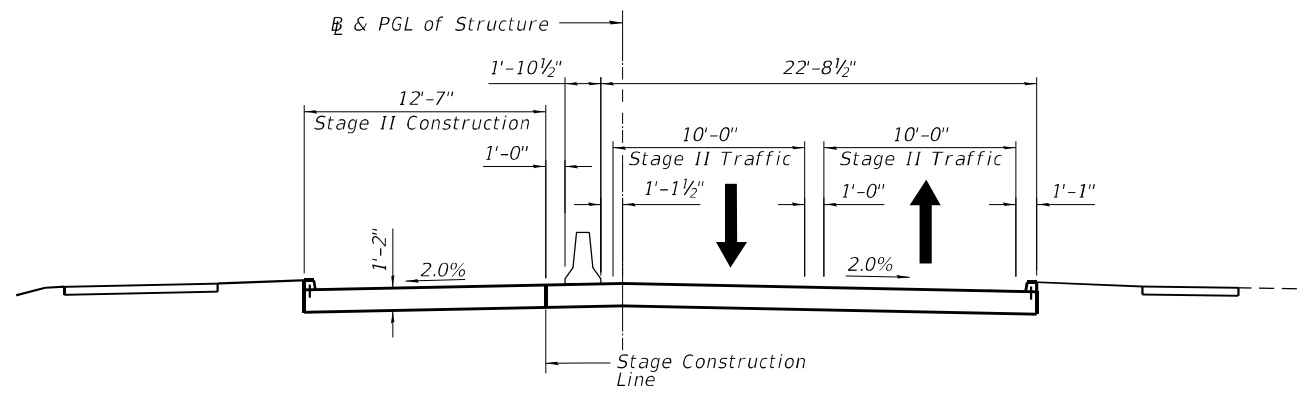
**STAGE I REMOVAL**  
(Looking East)



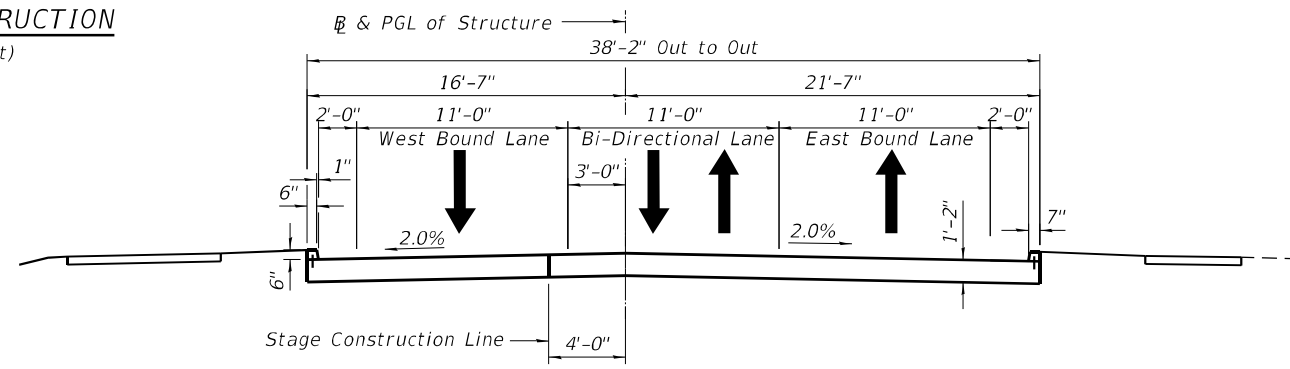
**STAGE II REMOVAL**  
(Looking East)



**STAGE I CONSTRUCTION**  
(Looking East)



**STAGE II CONSTRUCTION**  
(Looking East)




**IL ROUTE 132 BRIDGE SECTION**  
(Looking East)

**NOTES:**

1. For Details of Temporary Concrete Barrier, see Sheet 7.
2.  $\bar{C}$  of structure and PGL is a straight line from the intersection of Proposed  $\bar{C}$  West Abutment and  $\bar{C}$  East Abutment and the Platted Proposed and Existing  $\bar{C}$  of IL 132.
3. See Roadway Plans for Removal of Temporary Pavement.

**LEGEND**

 Removal of Temporary Pavement and Existing Structures including Pile caps and tops of existing timber piles

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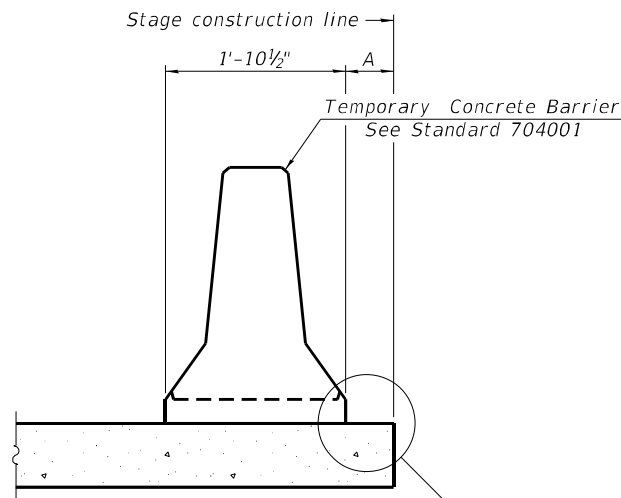
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| PLOT DATE =   | CHECKED - SAT  | REVISED - |

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**STAGE CONSTRUCTION DETAILS**  
**STRUCTURE NO. 049-0690**

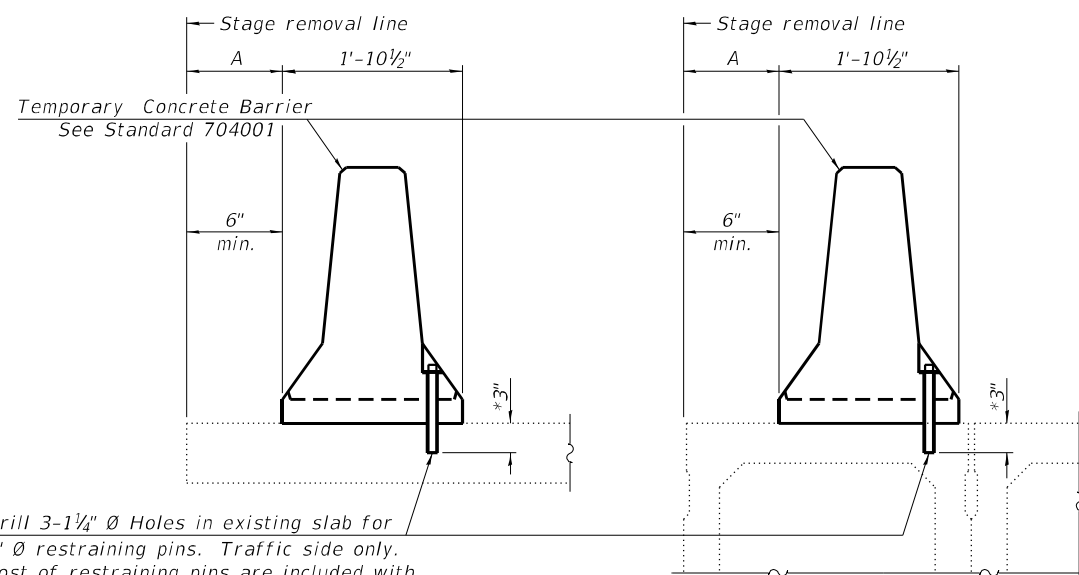
SHEET 6 OF 56 SHEETS

|                           |           |          |                |             |
|---------------------------|-----------|----------|----------------|-------------|
| F.A.P. RTE. =             | SECTION = | COUNTY = | TOTAL SHEETS = | SHEET NO. = |
| 541                       | WR(2)-R-1 | LAKE     | 164            | 86          |
| CONTRACT NO. 62A53        |           |          |                |             |
| ILLINOIS FED. AID PROJECT |           |          |                |             |



When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

**NEW SLAB OR NEW DECK BEAM**

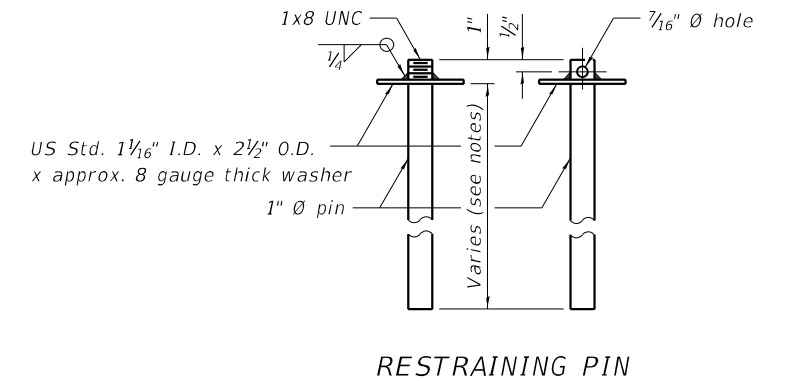


Drill 3-1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

**EXISTING SLAB**

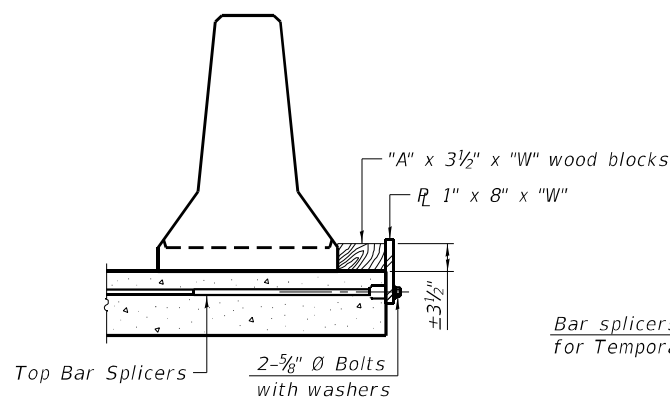
**EXISTING DECK BEAM**

**SECTIONS THRU SLAB OR DECK BEAM**

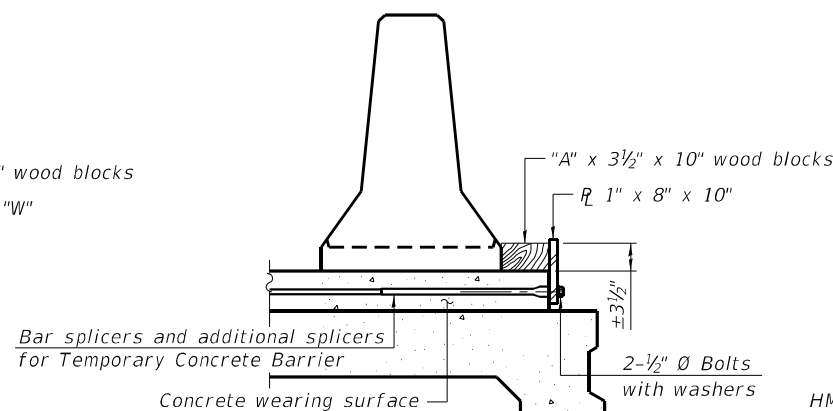


**RESTRAINING PIN**

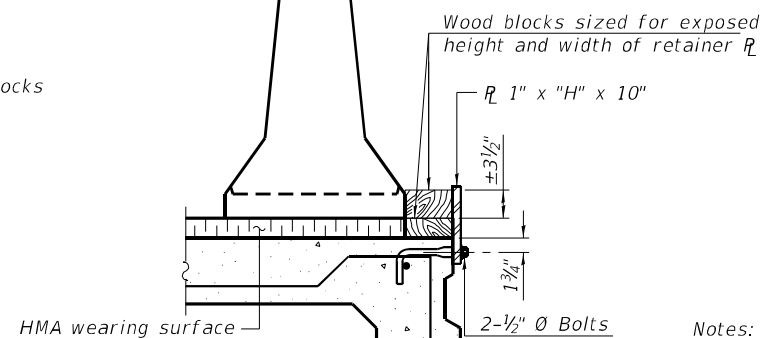
\* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.



**DETAIL I**

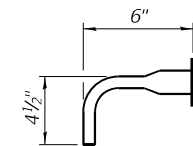


**DETAIL II**



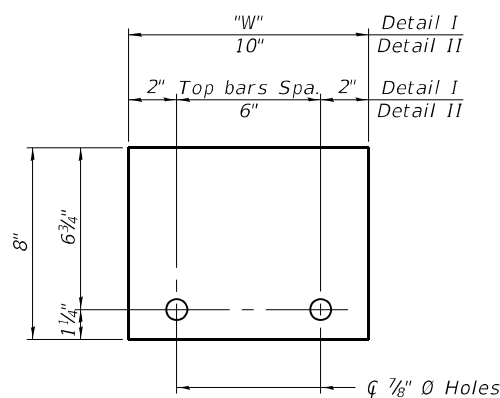
**DETAIL III**

**BAR SPLICER FOR #4 BAR - DETAIL III**

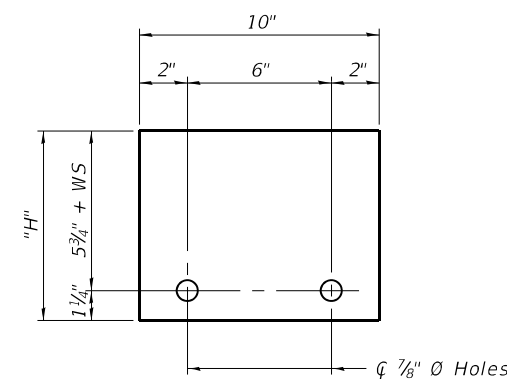


Notes:  
 Cost of retainer assembly is included with Temporary Concrete Barrier.  
 A retainer assembly shall be located at the approximate  $\frac{1}{2}$  of each temporary concrete barrier.  
 The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.  
 When the 'A' dimension is less than 1 1/2", the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

- Detail I - Installation for a new bridge deck or bridge slab.
- Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.
- Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.



**STEEL RETAINER 1" x 8" x "W"**  
(Detail I and II)



**STEEL RETAINER 1" x "H" x 10"**  
(Detail III)

**RAILING CRITERIA**

|                      |     |
|----------------------|-----|
| NCHRP 350 Test Level | 3   |
| Railing Weight (plf) | 440 |

R-27 10-12-2021

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| PLOT DATE =  | DRAWN - JMT    | REVISED - |
|              | CHECKED - SAT  | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

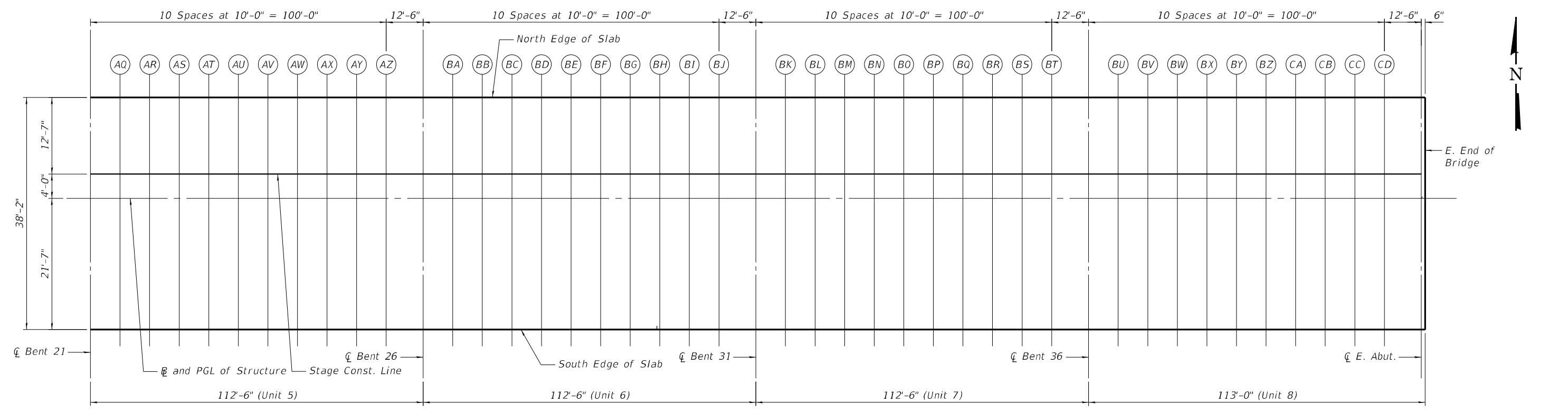
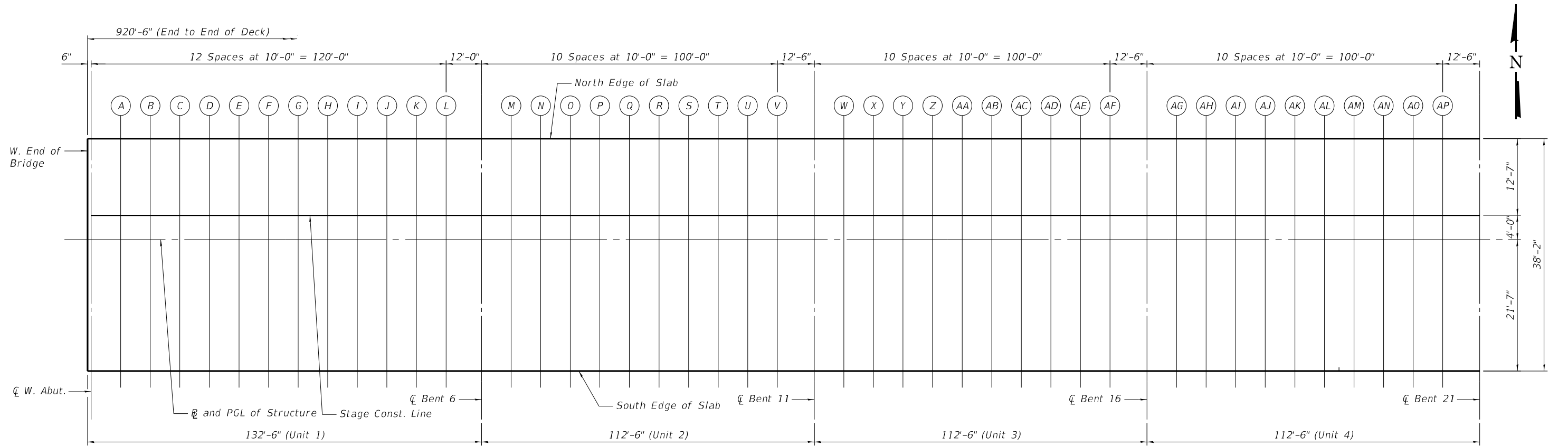
**TEMPORARY CONCRETE BARRIER  
 STRUCTURE NO. 049-0690**

SHEET 7 OF 56 SHEETS

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 87        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |



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| PLOT SCALE = | DRAWN - JMT    | REVISED - |
| PLOT DATE =  | CHECKED - SAT  | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS 1  
 STRUCTURE NO. 049-0690**

SHEET 8 OF 56 SHEETS

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 88        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

NORTH EDGE OF SLAB

| Location                  | Station   | Offset    | Theoretical Grade Elevations |
|---------------------------|-----------|-----------|------------------------------|
| W. End of Bridge (Unit 1) | 289+19.75 | 16.59 Lt. | 789.55                       |
| ┆ W. Abut.                | 289+20.25 | 16.59 Lt. | 789.55                       |
| A                         | 289+30.25 | 16.59 Lt. | 789.60                       |
| B                         | 289+40.25 | 16.59 Lt. | 789.63                       |
| C                         | 289+50.25 | 16.59 Lt. | 789.65                       |
| D                         | 289+60.25 | 16.59 Lt. | 789.67                       |
| E                         | 289+70.25 | 16.59 Lt. | 789.67                       |
| F                         | 289+80.25 | 16.59 Lt. | 789.67                       |
| G                         | 289+90.25 | 16.59 Lt. | 789.65                       |
| H                         | 290+00.25 | 16.59 Lt. | 789.63                       |
| I                         | 290+10.25 | 16.59 Lt. | 789.60                       |
| J                         | 290+20.25 | 16.59 Lt. | 789.56                       |
| K                         | 290+30.25 | 16.59 Lt. | 789.52                       |
| L                         | 290+40.25 | 16.59 Lt. | 789.48                       |
| ┆ Bent 6                  | 290+52.25 | 16.59 Lt. | 789.44                       |
| M                         | 290+62.25 | 16.59 Lt. | 789.42                       |
| N                         | 290+72.25 | 16.59 Lt. | 789.40                       |
| O                         | 290+82.25 | 16.59 Lt. | 789.38                       |
| P                         | 290+92.25 | 16.59 Lt. | 789.37                       |
| Q                         | 291+02.25 | 16.59 Lt. | 789.37                       |
| R                         | 291+12.25 | 16.59 Lt. | 789.38                       |
| S                         | 291+22.25 | 16.59 Lt. | 789.39                       |
| T                         | 291+32.25 | 16.59 Lt. | 789.40                       |
| U                         | 291+42.25 | 16.59 Lt. | 789.43                       |
| V                         | 291+52.25 | 16.59 Lt. | 789.45                       |
| ┆ Bent 11                 | 291+64.75 | 16.59 Lt. | 789.50                       |
| W                         | 291+74.75 | 16.59 Lt. | 789.54                       |
| X                         | 291+84.75 | 16.59 Lt. | 789.58                       |
| Y                         | 291+94.75 | 16.59 Lt. | 789.62                       |
| Z                         | 292+04.75 | 16.59 Lt. | 789.66                       |
| AA                        | 292+14.75 | 16.59 Lt. | 789.70                       |
| AB                        | 292+24.75 | 16.59 Lt. | 789.74                       |
| AC                        | 292+34.75 | 16.59 Lt. | 789.78                       |
| AD                        | 292+44.75 | 16.59 Lt. | 789.81                       |
| AE                        | 292+54.75 | 16.59 Lt. | 789.84                       |
| AF                        | 292+64.75 | 16.59 Lt. | 789.87                       |
| ┆ Bent 16                 | 292+77.25 | 16.59 Lt. | 789.89                       |
| AG                        | 292+87.25 | 16.59 Lt. | 789.90                       |
| AH                        | 292+97.25 | 16.59 Lt. | 789.90                       |
| AI                        | 293+07.25 | 16.59 Lt. | 789.90                       |
| AJ                        | 293+17.25 | 16.59 Lt. | 789.89                       |
| AK                        | 293+27.25 | 16.59 Lt. | 789.88                       |
| AL                        | 293+37.25 | 16.59 Lt. | 789.86                       |
| AM                        | 293+47.25 | 16.59 Lt. | 789.84                       |
| AN                        | 293+57.25 | 16.59 Lt. | 789.81                       |
| AO                        | 293+67.25 | 16.59 Lt. | 789.77                       |
| AP                        | 293+77.25 | 16.59 Lt. | 789.73                       |
| ┆ Bent 21                 | 293+89.75 | 16.59 Lt. | 789.68                       |

STAGE CONSTRUCTION LINE

| Location                  | Station   | Offset   | Theoretical Grade Elevations |
|---------------------------|-----------|----------|------------------------------|
| W. End of Bridge (Unit 1) | 289+19.75 | 4.00 Lt. | 789.80                       |
| ┆ W. Abut.                | 289+20.25 | 4.00 Lt. | 789.80                       |
| A                         | 289+30.25 | 4.00 Lt. | 789.85                       |
| B                         | 289+40.25 | 4.00 Lt. | 789.88                       |
| C                         | 289+50.25 | 4.00 Lt. | 789.90                       |
| D                         | 289+60.25 | 4.00 Lt. | 789.92                       |
| E                         | 289+70.25 | 4.00 Lt. | 789.92                       |
| F                         | 289+80.25 | 4.00 Lt. | 789.92                       |
| G                         | 289+90.25 | 4.00 Lt. | 789.91                       |
| H                         | 290+00.25 | 4.00 Lt. | 789.88                       |
| I                         | 290+10.25 | 4.00 Lt. | 789.85                       |
| J                         | 290+20.25 | 4.00 Lt. | 789.81                       |
| K                         | 290+30.25 | 4.00 Lt. | 789.77                       |
| L                         | 290+40.25 | 4.00 Lt. | 789.73                       |
| ┆ Bent 6                  | 290+52.25 | 4.00 Lt. | 789.69                       |
| M                         | 290+62.25 | 4.00 Lt. | 789.67                       |
| N                         | 290+72.25 | 4.00 Lt. | 789.65                       |
| O                         | 290+82.25 | 4.00 Lt. | 789.63                       |
| P                         | 290+92.25 | 4.00 Lt. | 789.63                       |
| Q                         | 291+02.25 | 4.00 Lt. | 789.63                       |
| R                         | 291+12.25 | 4.00 Lt. | 789.63                       |
| S                         | 291+22.25 | 4.00 Lt. | 789.64                       |
| T                         | 291+32.25 | 4.00 Lt. | 789.66                       |
| U                         | 291+42.25 | 4.00 Lt. | 789.68                       |
| V                         | 291+52.25 | 4.00 Lt. | 789.71                       |
| ┆ Bent 11                 | 291+64.75 | 4.00 Lt. | 789.75                       |
| W                         | 291+74.75 | 4.00 Lt. | 789.79                       |
| X                         | 291+84.75 | 4.00 Lt. | 789.83                       |
| Y                         | 291+94.75 | 4.00 Lt. | 789.87                       |
| Z                         | 292+04.75 | 4.00 Lt. | 789.91                       |
| AA                        | 292+14.75 | 4.00 Lt. | 789.95                       |
| AB                        | 292+24.75 | 4.00 Lt. | 789.99                       |
| AC                        | 292+34.75 | 4.00 Lt. | 790.03                       |
| AD                        | 292+44.75 | 4.00 Lt. | 790.06                       |
| AE                        | 292+54.75 | 4.00 Lt. | 790.09                       |
| AF                        | 292+64.75 | 4.00 Lt. | 790.12                       |
| ┆ Bent 16                 | 292+77.25 | 4.00 Lt. | 790.14                       |
| AG                        | 292+87.25 | 4.00 Lt. | 790.15                       |
| AH                        | 292+97.25 | 4.00 Lt. | 790.15                       |
| AI                        | 293+07.25 | 4.00 Lt. | 790.15                       |
| AJ                        | 293+17.25 | 4.00 Lt. | 790.15                       |
| AK                        | 293+27.25 | 4.00 Lt. | 790.13                       |
| AL                        | 293+37.25 | 4.00 Lt. | 790.11                       |
| AM                        | 293+47.25 | 4.00 Lt. | 790.09                       |
| AN                        | 293+57.25 | 4.00 Lt. | 790.06                       |
| AO                        | 293+67.25 | 4.00 Lt. | 790.02                       |
| AP                        | 293+77.25 | 4.00 Lt. | 789.98                       |
| ┆ Bent 21                 | 293+89.75 | 4.00 Lt. | 789.93                       |

┆ & PGL OF STRUCTURE

| Location                  | Station   | Offset | Theoretical Grade Elevations |
|---------------------------|-----------|--------|------------------------------|
| W. End of Bridge (Unit 1) | 289+19.75 | 0.00   | 789.88                       |
| ┆ W. Abut.                | 289+20.25 | 0.00   | 789.88                       |
| A                         | 289+30.25 | 0.00   | 789.93                       |
| B                         | 289+40.25 | 0.00   | 789.96                       |
| C                         | 289+50.25 | 0.00   | 789.98                       |
| D                         | 289+60.25 | 0.00   | 790.00                       |
| E                         | 289+70.25 | 0.00   | 790.00                       |
| F                         | 289+80.25 | 0.00   | 790.00                       |
| G                         | 289+90.25 | 0.00   | 789.99                       |
| H                         | 290+00.25 | 0.00   | 789.96                       |
| I                         | 290+10.25 | 0.00   | 789.93                       |
| J                         | 290+20.25 | 0.00   | 789.89                       |
| K                         | 290+30.25 | 0.00   | 789.85                       |
| L                         | 290+40.25 | 0.00   | 789.81                       |
| ┆ Bent 6                  | 290+52.25 | 0.00   | 789.77                       |
| M                         | 290+62.25 | 0.00   | 789.75                       |
| N                         | 290+72.25 | 0.00   | 789.73                       |
| O                         | 290+82.25 | 0.00   | 789.71                       |
| P                         | 290+92.25 | 0.00   | 789.71                       |
| Q                         | 291+02.25 | 0.00   | 789.71                       |
| R                         | 291+12.25 | 0.00   | 789.71                       |
| S                         | 291+22.25 | 0.00   | 789.72                       |
| T                         | 291+32.25 | 0.00   | 789.74                       |
| U                         | 291+42.25 | 0.00   | 789.76                       |
| V                         | 291+52.25 | 0.00   | 789.79                       |
| ┆ Bent 11                 | 291+64.75 | 0.00   | 789.83                       |
| W                         | 291+74.75 | 0.00   | 789.87                       |
| X                         | 291+84.75 | 0.00   | 789.91                       |
| Y                         | 291+94.75 | 0.00   | 789.95                       |
| Z                         | 292+04.75 | 0.00   | 789.99                       |
| AA                        | 292+14.75 | 0.00   | 790.03                       |
| AB                        | 292+24.75 | 0.00   | 790.07                       |
| AC                        | 292+34.75 | 0.00   | 790.11                       |
| AD                        | 292+44.75 | 0.00   | 790.14                       |
| AE                        | 292+54.75 | 0.00   | 790.17                       |
| AF                        | 292+64.75 | 0.00   | 790.20                       |
| ┆ Bent 16                 | 292+77.25 | 0.00   | 790.22                       |
| AG                        | 292+87.25 | 0.00   | 790.23                       |
| AH                        | 292+97.25 | 0.00   | 790.23                       |
| AI                        | 293+07.25 | 0.00   | 790.23                       |
| AJ                        | 293+17.25 | 0.00   | 790.23                       |
| AK                        | 293+27.25 | 0.00   | 790.21                       |
| AL                        | 293+37.25 | 0.00   | 790.19                       |
| AM                        | 293+47.25 | 0.00   | 790.17                       |
| AN                        | 293+57.25 | 0.00   | 790.14                       |
| AO                        | 293+67.25 | 0.00   | 790.10                       |
| AP                        | 293+77.25 | 0.00   | 790.06                       |
| ┆ Bent 21                 | 293+89.75 | 0.00   | 790.01                       |

SOUTH EDGE OF SLAB

| Location                  | Station   | Offset    | Theoretical Grade Elevations |
|---------------------------|-----------|-----------|------------------------------|
| W. End of Bridge (Unit 1) | 289+19.75 | 21.58 Rt. | 789.45                       |
| ┆ W. Abut.                | 289+20.25 | 21.58 Rt. | 789.45                       |
| A                         | 289+30.25 | 21.58 Rt. | 789.50                       |
| B                         | 289+40.25 | 21.58 Rt. | 789.53                       |
| C                         | 289+50.25 | 21.58 Rt. | 789.55                       |
| D                         | 289+60.25 | 21.58 Rt. | 789.57                       |
| E                         | 289+70.25 | 21.58 Rt. | 789.57                       |
| F                         | 289+80.25 | 21.58 Rt. | 789.57                       |
| G                         | 289+90.25 | 21.58 Rt. | 789.55                       |
| H                         | 290+00.25 | 21.58 Rt. | 789.53                       |
| I                         | 290+10.25 | 21.58 Rt. | 789.50                       |
| J                         | 290+20.25 | 21.58 Rt. | 789.46                       |
| K                         | 290+30.25 | 21.58 Rt. | 789.42                       |
| L                         | 290+40.25 | 21.58 Rt. | 789.38                       |
| ┆ Bent 6                  | 290+52.25 | 21.58 Rt. | 789.34                       |
| M                         | 290+62.25 | 21.58 Rt. | 789.32                       |
| N                         | 290+72.25 | 21.58 Rt. | 789.30                       |
| O                         | 290+82.25 | 21.58 Rt. | 789.28                       |
| P                         | 290+92.25 | 21.58 Rt. | 789.28                       |
| Q                         | 291+02.25 | 21.58 Rt. | 789.27                       |
| R                         | 291+12.25 | 21.58 Rt. | 789.28                       |
| S                         | 291+22.25 | 21.58 Rt. | 789.29                       |
| T                         | 291+32.25 | 21.58 Rt. | 789.30                       |
| U                         | 291+42.25 | 21.58 Rt. | 789.33                       |
| V                         | 291+52.25 | 21.58 Rt. | 789.35                       |
| ┆ Bent 11                 | 291+64.75 | 21.58 Rt. | 789.40                       |
| W                         | 291+74.75 | 21.58 Rt. | 789.44                       |
| X                         | 291+84.75 | 21.58 Rt. | 789.48                       |
| Y                         | 291+94.75 | 21.58 Rt. | 789.52                       |
| Z                         | 292+04.75 | 21.58 Rt. | 789.56                       |
| AA                        | 292+14.75 | 21.58 Rt. | 789.60                       |
| AB                        | 292+24.75 | 21.58 Rt. | 789.64                       |
| AC                        | 292+34.75 | 21.58 Rt. | 789.68                       |
| AD                        | 292+44.75 | 21.58 Rt. | 789.71                       |
| AE                        | 292+54.75 | 21.58 Rt. | 789.74                       |
| AF                        | 292+64.75 | 21.58 Rt. | 789.77                       |
| ┆ Bent 16                 | 292+77.25 | 21.58 Rt. | 789.79                       |
| AG                        | 292+87.25 | 21.58 Rt. | 789.80                       |
| AH                        | 292+97.25 | 21.58 Rt. | 789.80                       |
| AI                        | 293+07.25 | 21.58 Rt. | 789.80                       |
| AJ                        | 293+17.25 | 21.58 Rt. | 789.79                       |
| AK                        | 293+27.25 | 21.58 Rt. | 789.78                       |
| AL                        | 293+37.25 | 21.58 Rt. | 789.76                       |
| AM                        | 293+47.25 | 21.58 Rt. | 789.74                       |
| AN                        | 293+57.25 | 21.58 Rt. | 789.71                       |
| AO                        | 293+67.25 | 21.58 Rt. | 789.67                       |
| AP                        | 293+77.25 | 21.58 Rt. | 789.63                       |
| ┆ Bent 21                 | 293+89.75 | 21.58 Rt. | 789.58                       |

Notes:

Tables continued onto sheet 10.

MODEL: Default  
FILE NAME: C:\Engineering\Live\Projects\13020 IL 132 Land Bridge\CADD\CADD\_Sheets\Structural\049-0690-62A53-009-Slab Elev 2.dgn



|              |                |           |
|--------------|----------------|-----------|
| USER NAME =  | DESIGNED - JMT | REVISED - |
|              | CHECKED - SPS  | REVISED - |
| PLOT SCALE = | DRAWN - JMT    | REVISED - |
| PLOT DATE =  | CHECKED - SAT  | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS 2 (UNITS 1 - 4)  
STRUCTURE NO. 049-0690

SHEET 9 OF 56 SHEETS

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 89        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

NORTH EDGE OF SLAB

| Location                  | Station   | Offset    | Theoretical Grade Elevations |
|---------------------------|-----------|-----------|------------------------------|
| ☐ Bent 21                 | 293+89.75 | 16.59 Lt. | 789.68                       |
| AQ                        | 293+99.75 | 16.59 Lt. | 789.64                       |
| AR                        | 294+09.75 | 16.59 Lt. | 789.60                       |
| AS                        | 294+19.75 | 16.59 Lt. | 789.56                       |
| AT                        | 294+29.75 | 16.59 Lt. | 789.52                       |
| AU                        | 294+39.75 | 16.59 Lt. | 789.48                       |
| AV                        | 294+49.75 | 16.59 Lt. | 789.45                       |
| AW                        | 294+59.75 | 16.59 Lt. | 789.42                       |
| AX                        | 294+69.75 | 16.59 Lt. | 789.40                       |
| AY                        | 294+79.75 | 16.59 Lt. | 789.39                       |
| AZ                        | 294+89.75 | 16.59 Lt. | 789.38                       |
| ☐ Bent 26                 | 295+02.25 | 16.59 Lt. | 789.37                       |
| BA                        | 295+12.25 | 16.59 Lt. | 789.38                       |
| BB                        | 295+22.25 | 16.59 Lt. | 789.39                       |
| BC                        | 295+32.25 | 16.59 Lt. | 789.40                       |
| BD                        | 295+42.25 | 16.59 Lt. | 789.43                       |
| BE                        | 295+52.25 | 16.59 Lt. | 789.45                       |
| BF                        | 295+62.25 | 16.59 Lt. | 789.49                       |
| BG                        | 295+72.25 | 16.59 Lt. | 789.53                       |
| BH                        | 295+82.25 | 16.59 Lt. | 789.57                       |
| BI                        | 295+92.25 | 16.59 Lt. | 789.61                       |
| BJ                        | 296+02.25 | 16.59 Lt. | 789.65                       |
| ☐ Bent 31                 | 296+14.75 | 16.59 Lt. | 789.70                       |
| BK                        | 296+24.75 | 16.59 Lt. | 789.74                       |
| BL                        | 296+34.75 | 16.59 Lt. | 789.78                       |
| BM                        | 296+44.75 | 16.59 Lt. | 789.82                       |
| BN                        | 296+54.75 | 16.59 Lt. | 789.86                       |
| BO                        | 296+64.75 | 16.59 Lt. | 789.90                       |
| BP                        | 296+74.75 | 16.59 Lt. | 789.94                       |
| BQ                        | 296+84.75 | 16.59 Lt. | 789.98                       |
| BR                        | 296+94.75 | 16.59 Lt. | 790.03                       |
| BS                        | 297+04.75 | 16.59 Lt. | 790.09                       |
| BT                        | 297+14.75 | 16.59 Lt. | 790.16                       |
| ☐ Bent 36                 | 297+27.25 | 16.59 Lt. | 790.26                       |
| BU                        | 297+37.25 | 16.59 Lt. | 790.36                       |
| BV                        | 297+47.25 | 16.59 Lt. | 790.46                       |
| BW                        | 297+57.25 | 16.59 Lt. | 790.57                       |
| BX                        | 297+67.25 | 16.59 Lt. | 790.70                       |
| BY                        | 297+77.25 | 16.59 Lt. | 790.83                       |
| BZ                        | 297+87.25 | 16.59 Lt. | 790.98                       |
| CA                        | 297+97.25 | 16.59 Lt. | 791.14                       |
| CB                        | 298+07.25 | 16.59 Lt. | 791.30                       |
| CC                        | 298+17.25 | 16.59 Lt. | 791.48                       |
| CD                        | 298+27.25 | 16.59 Lt. | 791.67                       |
| ☐ E. Abut.                | 298+39.75 | 16.59 Lt. | 791.92                       |
| E. End of Bridge (Unit 8) | 298+40.25 | 16.59 Lt. | 791.93                       |

STAGE CONSTRUCTION LINE

| Location                  | Station   | Offset   | Theoretical Grade Elevations |
|---------------------------|-----------|----------|------------------------------|
| ☐ Bent 21                 | 293+89.75 | 4.00 Lt. | 789.93                       |
| AQ                        | 293+99.75 | 4.00 Lt. | 789.89                       |
| AR                        | 294+09.75 | 4.00 Lt. | 789.85                       |
| AS                        | 294+19.75 | 4.00 Lt. | 789.81                       |
| AT                        | 294+29.75 | 4.00 Lt. | 789.77                       |
| AU                        | 294+39.75 | 4.00 Lt. | 789.73                       |
| AV                        | 294+49.75 | 4.00 Lt. | 789.70                       |
| AW                        | 294+59.75 | 4.00 Lt. | 789.67                       |
| AX                        | 294+69.75 | 4.00 Lt. | 789.65                       |
| AY                        | 294+79.75 | 4.00 Lt. | 789.64                       |
| AZ                        | 294+89.75 | 4.00 Lt. | 789.63                       |
| ☐ Bent 26                 | 295+02.25 | 4.00 Lt. | 789.63                       |
| BA                        | 295+12.25 | 4.00 Lt. | 789.63                       |
| BB                        | 295+22.25 | 4.00 Lt. | 789.64                       |
| BC                        | 295+32.25 | 4.00 Lt. | 789.66                       |
| BD                        | 295+42.25 | 4.00 Lt. | 789.68                       |
| BE                        | 295+52.25 | 4.00 Lt. | 789.71                       |
| BF                        | 295+62.25 | 4.00 Lt. | 789.74                       |
| BG                        | 295+72.25 | 4.00 Lt. | 789.78                       |
| BH                        | 295+82.25 | 4.00 Lt. | 789.82                       |
| BI                        | 295+92.25 | 4.00 Lt. | 789.86                       |
| BJ                        | 296+02.25 | 4.00 Lt. | 789.90                       |
| ☐ Bent 31                 | 296+14.75 | 4.00 Lt. | 789.95                       |
| BK                        | 296+24.75 | 4.00 Lt. | 789.99                       |
| BL                        | 296+34.75 | 4.00 Lt. | 790.03                       |
| BM                        | 296+44.75 | 4.00 Lt. | 790.07                       |
| BN                        | 296+54.75 | 4.00 Lt. | 790.11                       |
| BO                        | 296+64.75 | 4.00 Lt. | 790.15                       |
| BP                        | 296+74.75 | 4.00 Lt. | 790.19                       |
| BQ                        | 296+84.75 | 4.00 Lt. | 790.23                       |
| BR                        | 296+94.75 | 4.00 Lt. | 790.28                       |
| BS                        | 297+04.75 | 4.00 Lt. | 790.34                       |
| BT                        | 297+14.75 | 4.00 Lt. | 790.41                       |
| ☐ Bent 36                 | 297+27.25 | 4.00 Lt. | 790.51                       |
| BU                        | 297+37.25 | 4.00 Lt. | 790.61                       |
| BV                        | 297+47.25 | 4.00 Lt. | 790.71                       |
| BW                        | 297+57.25 | 4.00 Lt. | 790.83                       |
| BX                        | 297+67.25 | 4.00 Lt. | 790.95                       |
| BY                        | 297+77.25 | 4.00 Lt. | 791.09                       |
| BZ                        | 297+87.25 | 4.00 Lt. | 791.23                       |
| CA                        | 297+97.25 | 4.00 Lt. | 791.39                       |
| CB                        | 298+07.25 | 4.00 Lt. | 791.55                       |
| CC                        | 298+17.25 | 4.00 Lt. | 791.73                       |
| CD                        | 298+27.25 | 4.00 Lt. | 791.92                       |
| ☐ E. Abut.                | 298+39.75 | 4.00 Lt. | 792.17                       |
| E. End of Bridge (Unit 8) | 298+40.25 | 4.00 Lt. | 792.18                       |

B & PGL OF STRUCTURE

| Location                  | Station   | Offset | Theoretical Grade Elevations |
|---------------------------|-----------|--------|------------------------------|
| ☐ Bent 21                 | 293+89.75 | 0.00   | 790.01                       |
| AQ                        | 293+99.75 | 0.00   | 789.97                       |
| AR                        | 294+09.75 | 0.00   | 789.93                       |
| AS                        | 294+19.75 | 0.00   | 789.89                       |
| AT                        | 294+29.75 | 0.00   | 789.85                       |
| AU                        | 294+39.75 | 0.00   | 789.81                       |
| AV                        | 294+49.75 | 0.00   | 789.78                       |
| AW                        | 294+59.75 | 0.00   | 789.75                       |
| AX                        | 294+69.75 | 0.00   | 789.73                       |
| AY                        | 294+79.75 | 0.00   | 789.72                       |
| AZ                        | 294+89.75 | 0.00   | 789.71                       |
| ☐ Bent 26                 | 295+02.25 | 0.00   | 789.71                       |
| BA                        | 295+12.25 | 0.00   | 789.71                       |
| BB                        | 295+22.25 | 0.00   | 789.72                       |
| BC                        | 295+32.25 | 0.00   | 789.74                       |
| BD                        | 295+42.25 | 0.00   | 789.76                       |
| BE                        | 295+52.25 | 0.00   | 789.79                       |
| BF                        | 295+62.25 | 0.00   | 789.82                       |
| BG                        | 295+72.25 | 0.00   | 789.86                       |
| BH                        | 295+82.25 | 0.00   | 789.90                       |
| BI                        | 295+92.25 | 0.00   | 789.94                       |
| BJ                        | 296+02.25 | 0.00   | 789.98                       |
| ☐ Bent 31                 | 296+14.75 | 0.00   | 790.03                       |
| BK                        | 296+24.75 | 0.00   | 790.07                       |
| BL                        | 296+34.75 | 0.00   | 790.11                       |
| BM                        | 296+44.75 | 0.00   | 790.15                       |
| BN                        | 296+54.75 | 0.00   | 790.19                       |
| BO                        | 296+64.75 | 0.00   | 790.23                       |
| BP                        | 296+74.75 | 0.00   | 790.27                       |
| BQ                        | 296+84.75 | 0.00   | 790.31                       |
| BR                        | 296+94.75 | 0.00   | 790.36                       |
| BS                        | 297+04.75 | 0.00   | 790.42                       |
| BT                        | 297+14.75 | 0.00   | 790.49                       |
| ☐ Bent 36                 | 297+27.25 | 0.00   | 790.59                       |
| BU                        | 297+37.25 | 0.00   | 790.69                       |
| BV                        | 297+47.25 | 0.00   | 790.79                       |
| BW                        | 297+57.25 | 0.00   | 790.91                       |
| BX                        | 297+67.25 | 0.00   | 791.03                       |
| BY                        | 297+77.25 | 0.00   | 791.17                       |
| BZ                        | 297+87.25 | 0.00   | 791.31                       |
| CA                        | 297+97.25 | 0.00   | 791.47                       |
| CB                        | 298+07.25 | 0.00   | 791.63                       |
| CC                        | 298+17.25 | 0.00   | 791.81                       |
| CD                        | 298+27.25 | 0.00   | 792.00                       |
| ☐ E. Abut.                | 298+39.75 | 0.00   | 792.25                       |
| E. End of Bridge (Unit 8) | 298+40.25 | 0.00   | 792.26                       |

SOUTH EDGE OF SLAB

| Location                  | Station   | Offset    | Theoretical Grade Elevations |
|---------------------------|-----------|-----------|------------------------------|
| ☐ Bent 21                 | 293+89.75 | 21.58 Rt. | 789.58                       |
| AQ                        | 293+99.75 | 21.58 Rt. | 789.54                       |
| AR                        | 294+09.75 | 21.58 Rt. | 789.50                       |
| AS                        | 294+19.75 | 21.58 Rt. | 789.46                       |
| AT                        | 294+29.75 | 21.58 Rt. | 789.42                       |
| AU                        | 294+39.75 | 21.58 Rt. | 789.38                       |
| AV                        | 294+49.75 | 21.58 Rt. | 789.35                       |
| AW                        | 294+59.75 | 21.58 Rt. | 789.32                       |
| AX                        | 294+69.75 | 21.58 Rt. | 789.30                       |
| AY                        | 294+79.75 | 21.58 Rt. | 789.29                       |
| AZ                        | 294+89.75 | 21.58 Rt. | 789.28                       |
| ☐ Bent 26                 | 295+02.25 | 21.58 Rt. | 789.27                       |
| BA                        | 295+12.25 | 21.58 Rt. | 789.28                       |
| BB                        | 295+22.25 | 21.58 Rt. | 789.29                       |
| BC                        | 295+32.25 | 21.58 Rt. | 789.30                       |
| BD                        | 295+42.25 | 21.58 Rt. | 789.33                       |
| BE                        | 295+52.25 | 21.58 Rt. | 789.35                       |
| BF                        | 295+62.25 | 21.58 Rt. | 789.39                       |
| BG                        | 295+72.25 | 21.58 Rt. | 789.43                       |
| BH                        | 295+82.25 | 21.58 Rt. | 789.47                       |
| BI                        | 295+92.25 | 21.58 Rt. | 789.51                       |
| BJ                        | 296+02.25 | 21.58 Rt. | 789.55                       |
| ☐ Bent 31                 | 296+14.75 | 21.58 Rt. | 789.60                       |
| BK                        | 296+24.75 | 21.58 Rt. | 789.64                       |
| BL                        | 296+34.75 | 21.58 Rt. | 789.68                       |
| BM                        | 296+44.75 | 21.58 Rt. | 789.72                       |
| BN                        | 296+54.75 | 21.58 Rt. | 789.76                       |
| BO                        | 296+64.75 | 21.58 Rt. | 789.80                       |
| BP                        | 296+74.75 | 21.58 Rt. | 789.84                       |
| BQ                        | 296+84.75 | 21.58 Rt. | 789.88                       |
| BR                        | 296+94.75 | 21.58 Rt. | 789.93                       |
| BS                        | 297+04.75 | 21.58 Rt. | 789.99                       |
| BT                        | 297+14.75 | 21.58 Rt. | 790.06                       |
| ☐ Bent 36                 | 297+27.25 | 21.58 Rt. | 790.16                       |
| BU                        | 297+37.25 | 21.58 Rt. | 790.26                       |
| BV                        | 297+47.25 | 21.58 Rt. | 790.36                       |
| BW                        | 297+57.25 | 21.58 Rt. | 790.47                       |
| BX                        | 297+67.25 | 21.58 Rt. | 790.60                       |
| BY                        | 297+77.25 | 21.58 Rt. | 790.73                       |
| BZ                        | 297+87.25 | 21.58 Rt. | 790.88                       |
| CA                        | 297+97.25 | 21.58 Rt. | 791.04                       |
| CB                        | 298+07.25 | 21.58 Rt. | 791.20                       |
| CC                        | 298+17.25 | 21.58 Rt. | 791.38                       |
| CD                        | 298+27.25 | 21.58 Rt. | 791.57                       |
| ☐ E. Abut.                | 298+39.75 | 21.58 Rt. | 791.82                       |
| E. End of Bridge (Unit 8) | 298+40.25 | 21.58 Rt. | 791.83                       |

Notes:  
Tables continued from Sheet 9.

MODEL: Default  
FILE NAME: C:\Engineering\Live\Projects\13020 IL 132 Land Bridge\CADD\CADD\_Sheets\Structural\049-0690-62A53-010-Slab Elev 3.dgn



|               |                |           |
|---------------|----------------|-----------|
| USER NAME =   | DESIGNED - JMT | REVISED - |
| CHECKED - SPS | REVISED -      |           |
| PLOT SCALE =  | DRAWN - JMT    | REVISED - |
| PLOT DATE =   | CHECKED - SAT  | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TOP OF SLAB ELEVATIONS 3 (UNITS 5 - 8)  
STRUCTURE NO. 049-0690

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 90        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

NORTH EDGE OF APPROACH SLAB

| Location                   | Station   | Offset    | Theoretical Grade Elevations |
|----------------------------|-----------|-----------|------------------------------|
| W. End of W. Approach Slab | 288+89.75 | 16.59 Lt. | 789.40                       |
| A1                         | 288+99.75 | 16.59 Lt. | 789.44                       |
| A2                         | 289+09.75 | 16.59 Lt. | 789.50                       |
| E. End of W. Approach Slab | 289+19.75 | 16.59 Lt. | 789.55                       |
| W. End of E. Approach Slab | 298+40.25 | 16.59 Lt. | 791.93                       |
| A3                         | 298+50.25 | 16.59 Lt. | 792.14                       |
| A4                         | 298+60.25 | 16.59 Lt. | 792.36                       |
| E. End of E. Approach Slab | 298+70.25 | 16.59 Lt. | 792.59                       |

STAGE CONSTRUCTION LINE

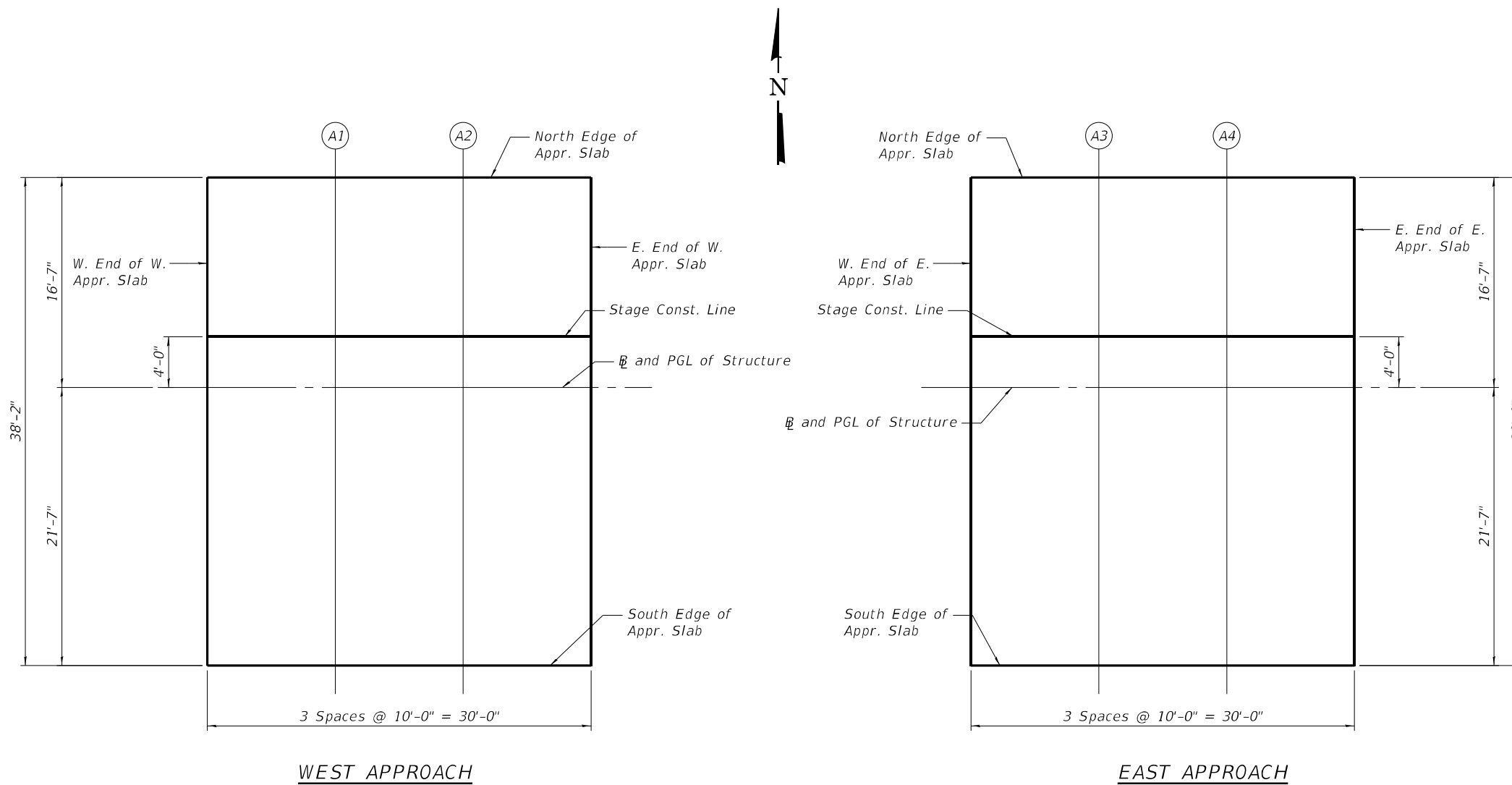
| Location                   | Station   | Offset   | Theoretical Grade Elevations |
|----------------------------|-----------|----------|------------------------------|
| W. End of W. Approach Slab | 288+89.75 | 4.00 Lt. | 789.66                       |
| A1                         | 288+99.75 | 4.00 Lt. | 789.69                       |
| A2                         | 289+09.75 | 4.00 Lt. | 789.75                       |
| E. End of W. Approach Slab | 289+19.75 | 4.00 Lt. | 789.80                       |
| W. End of E. Approach Slab | 298+40.25 | 4.00 Lt. | 792.18                       |
| A3                         | 298+50.25 | 4.00 Lt. | 792.39                       |
| A4                         | 298+60.25 | 4.00 Lt. | 792.61                       |
| E. End of E. Approach Slab | 298+70.25 | 4.00 Lt. | 792.84                       |

℄ & PGL OF STRUCTURE

| Location                   | Station   | Offset | Theoretical Grade Elevations |
|----------------------------|-----------|--------|------------------------------|
| W. End of W. Approach Slab | 288+89.75 | 0.00   | 789.74                       |
| A1                         | 288+99.75 | 0.00   | 789.77                       |
| A2                         | 289+09.75 | 0.00   | 789.83                       |
| E. End of W. Approach Slab | 289+19.75 | 0.00   | 789.88                       |
| W. End of E. Approach Slab | 298+40.25 | 0.00   | 792.26                       |
| A3                         | 298+50.25 | 0.00   | 792.47                       |
| A4                         | 298+60.25 | 0.00   | 792.69                       |
| E. End of E. Approach Slab | 298+70.25 | 0.00   | 792.92                       |

SOUTH EDGE OF APPROACH SLAB

| Location                   | Station   | Offset    | Theoretical Grade Elevations |
|----------------------------|-----------|-----------|------------------------------|
| W. End of W. Approach Slab | 288+89.75 | 21.58 Rt. | 789.30                       |
| A1                         | 288+99.75 | 21.58 Rt. | 789.34                       |
| A2                         | 289+09.75 | 21.58 Rt. | 789.40                       |
| E. End of W. Approach Slab | 289+19.75 | 21.58 Rt. | 789.45                       |
| W. End of E. Approach Slab | 298+40.25 | 21.58 Rt. | 791.83                       |
| A3                         | 298+50.25 | 21.58 Rt. | 792.04                       |
| A4                         | 298+60.25 | 21.58 Rt. | 792.26                       |
| E. End of E. Approach Slab | 298+70.25 | 21.58 Rt. | 792.49                       |



WEST APPROACH

EAST APPROACH

PLAN

MODEL: Default  
FILE NAME: C:\Engineering\Live\Projects\13020 IL 132 Land Bridge\CADD\CADD Sheets\Structural\049-0690-62A53-011 A-Appr.-Slab Elev.dgn



|              |                |           |
|--------------|----------------|-----------|
| USER NAME =  | DESIGNED - SAT | REVISED - |
|              | CHECKED - SPS  | REVISED - |
| PLOT SCALE = | DRAWN - SAT    | REVISED - |
| PLOT DATE =  | CHECKED - JMT  | REVISED - |

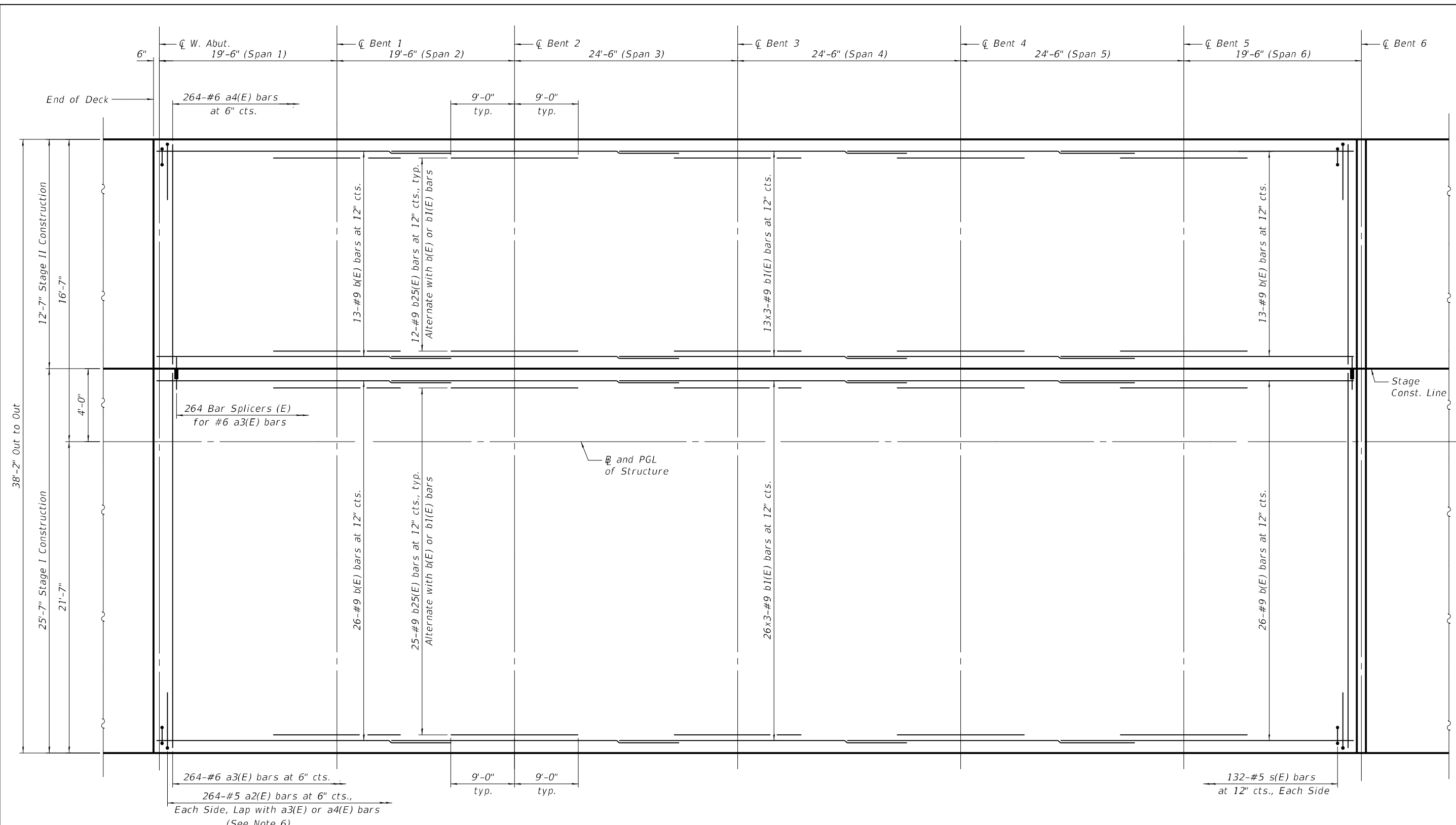
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TOP OF APPROACH SLAB ELEVATIONS  
STRUCTURE NO. 049-0690**

SHEET 11 OF 56 SHEETS

|                           |           |        |              |           |
|---------------------------|-----------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 541                       | WR(2)-R-1 | LAKE   | 164          | 91        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

MODEL: Default  
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**PLAN**  
 (Unit 1)  
 SHOWING TOP REINFORCEMENT

**NOTES:**

1. See Sheet 15 for Superstructure Details.
2. See Sheet 15 for Cross Section.
3. Bars indicated thus 4x3-#9 etc. indicates 4 lines of bars with 3 lengths per line.
4. See Sheet 20 and Drainage Plans for Floor Drains (Special) Details.
5. See Edge Beam Section on sheet 15 for details.
6. See Sheet 15A of 56 for Curb Reinforcement Details.

**MINIMUM BAR LAP**  
 #6 bar (Top) = 4'-0"  
 #9 bar (Top) = 6'-7"



|               |                |           |
|---------------|----------------|-----------|
| USER NAME =   | DESIGNED - SAT | REVISED - |
| CHECKED - SPS | REVISIONS -    |           |
| PLOT SCALE =  | DRAWN - SAT    | REVISED - |
| PLOT DATE =   | CHECKED - JMT  | REVISED - |

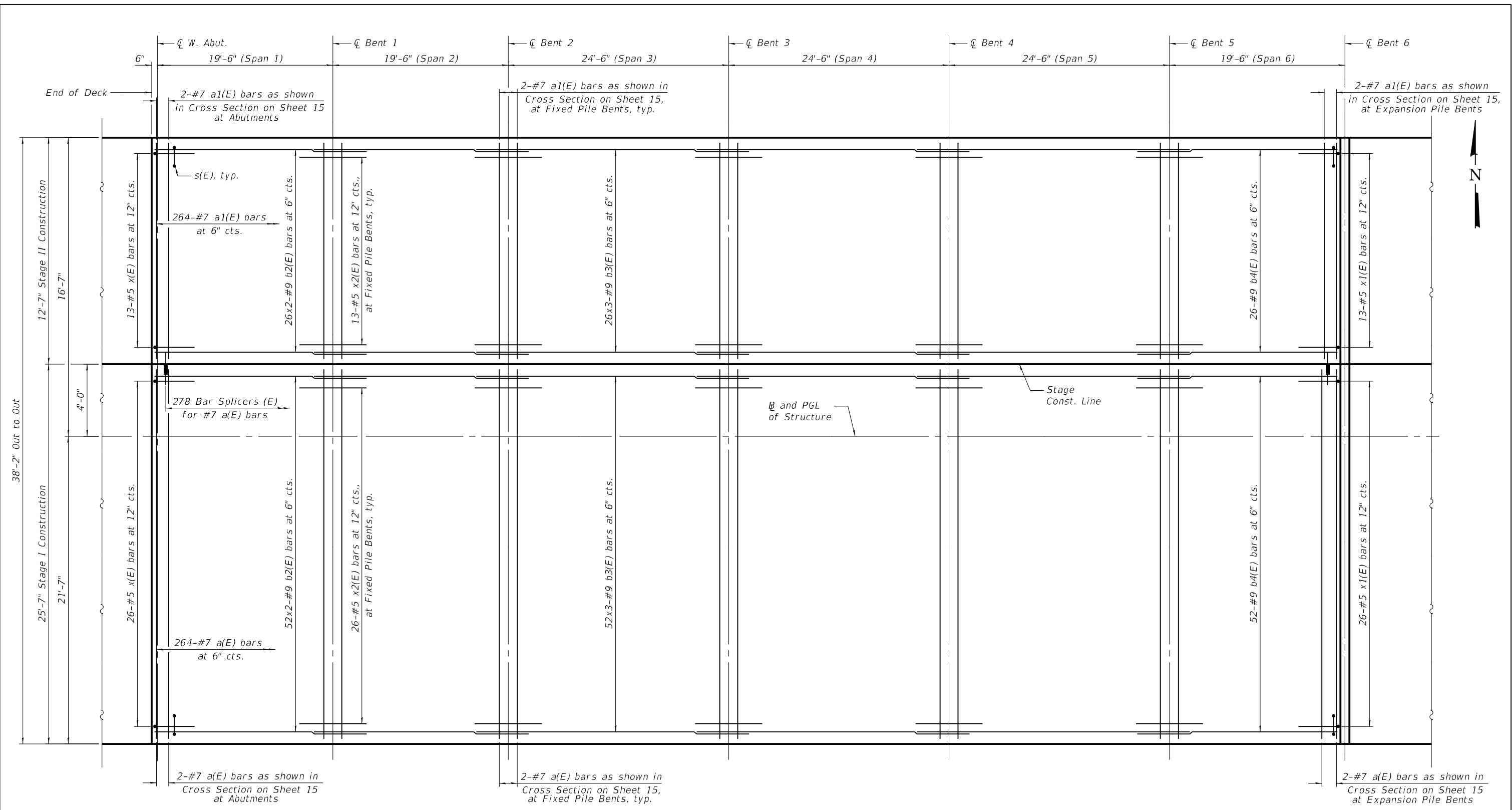
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUPERSTRUCTURE PLAN UNIT 1 (TOP REINFORCEMENT)**  
**STRUCTURE NO. 049-0690**

SHEET 12 OF 56 SHEETS

|                           |                   |             |                  |              |
|---------------------------|-------------------|-------------|------------------|--------------|
| F.A.P. RTE. 541           | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 92 |
| CONTRACT NO. 62A53        |                   |             |                  |              |
| ILLINOIS FED. AID PROJECT |                   |             |                  |              |

MODEL: Default  
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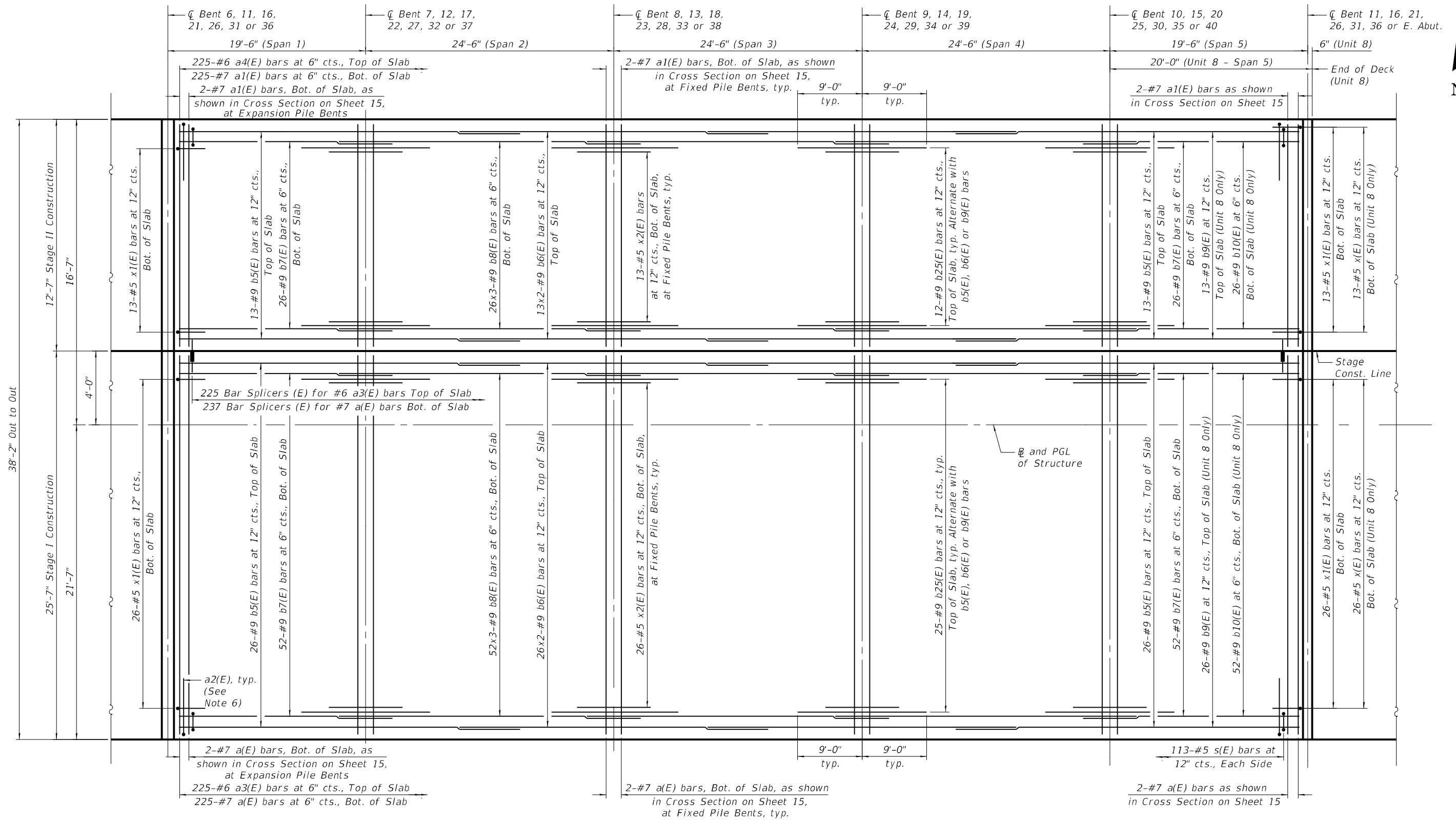
**PLAN**  
 (Unit 1)  
**SHOWING BOTTOM REINFORCEMENT**

- NOTES:**
1. See Sheet 15 for Superstructure Details.
  2. See Sheet 15 for Cross Section.
  3. Bars indicated thus 4x3-#9 etc. indicates 4 lines of bars with 3 lengths per line.
  4. See Sheet 20 and Drainage Plans for Floor Drains (Special) Details.
  5. See Edge Beam Section on sheet 15 for details.

**MINIMUM BAR LAP**  
 #7 bar (Bott.) = 4'-2"  
 #9 bar (Bott.) = 5'-10"

|  |              |                |           |   |   |                    |           |                           |              |           |
|--|--------------|----------------|-----------|---|---|--------------------|-----------|---------------------------|--------------|-----------|
|  | USER NAME =  | DESIGNED - SAT | REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>SUPERSTRUCTURE PLAN UNIT 1 (BOTTOM REINFORCEMENT)</b><br><b>STRUCTURE NO. 049-0690</b> | F.A.P. RTE. =      | SECTION   | COUNTY                    | TOTAL SHEETS | SHEET NO. |
|  | PLOT SCALE = | CHECKED - SPS  | REVISED - |   |   | 541                | WR(2)-R-1 | LAKE                      | 164          | 93        |
|  | PLOT DATE =  | DRAWN - SAT    | REVISED - | SHEET 13 OF 56 SHEETS   |   | CONTRACT NO. 62A53 |           | ILLINOIS FED. AID PROJECT |              |           |
|  |              | CHECKED - JMT  | REVISED - |   |   |                    |           |                           |              |           |

MODEL: Default  
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**PLAN**  
 (Units 2 thru 8)

- NOTES:**
1. See Sheet 15 for Superstructure Details.
  2. See Sheet 15 for Cross Section.
  3. Bars indicated thus 4x3-#9 etc. indicates 4 lines of bars with 3 lengths per line.
  4. See Sheet 20 and Drainage Plans for Floor Drains (Special) Details.
  5. See Edge Beam Section on sheet 15 for details.
  6. See Sheet 15A of 56 for Curb Reinforcement Details.

**MINIMUM BAR LAP**  
 #6 bar (Top) = 4'-0"  
 #7 bar (Bott.) = 4'-2"  
 #9 bar (Top) = 6'-7"  
 #9 bar (Bott.) = 5'-10"



|              |                |           |
|--------------|----------------|-----------|
| USER NAME =  | DESIGNED - SAT | REVISED - |
|              | CHECKED - SPS  | REVISED - |
| PLOT SCALE = | DRAWN - SAT    | REVISED - |
| PLOT DATE =  | CHECKED - JMT  | REVISED - |

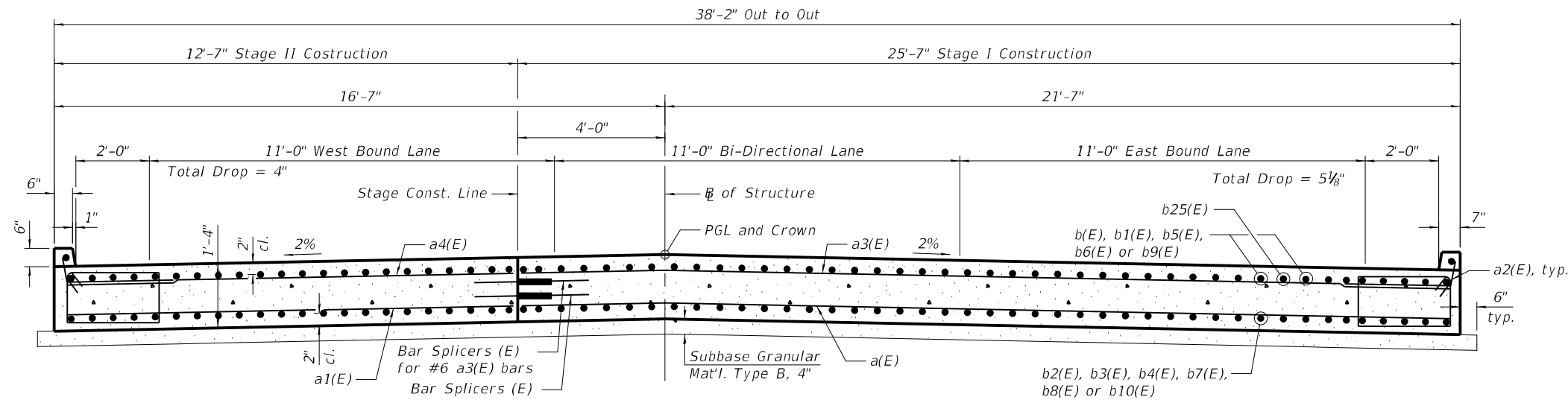
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUPERSTRUCTURE PLAN UNITS 2 - 8**  
**STRUCTURE NO. 049-0690**

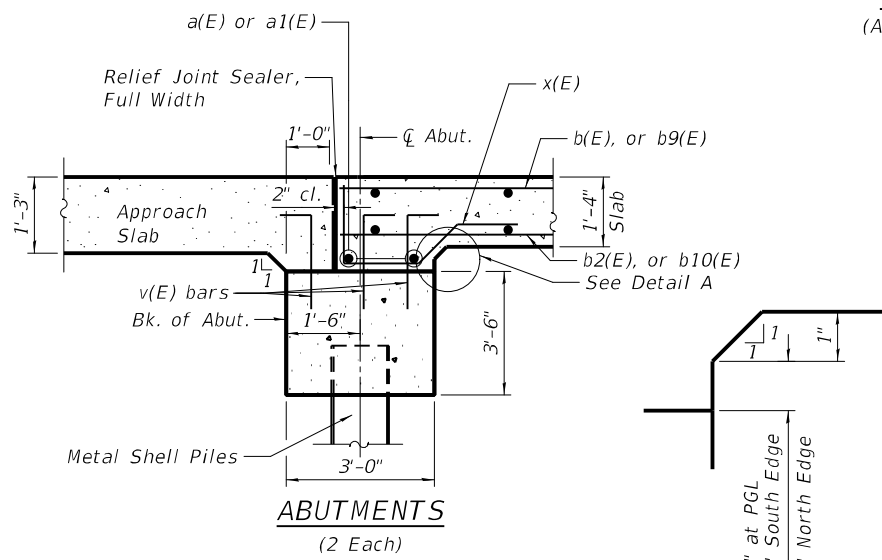
SHEET 14 OF 56 SHEETS

| F.A.P. RTE.               | SECTION   | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------|--------|--------------|-----------|
| 541                       | WR(2)-R-1 | LAKE   | 164          | 94        |
| CONTRACT NO. 62A53        |           |        |              |           |
| ILLINOIS FED. AID PROJECT |           |        |              |           |

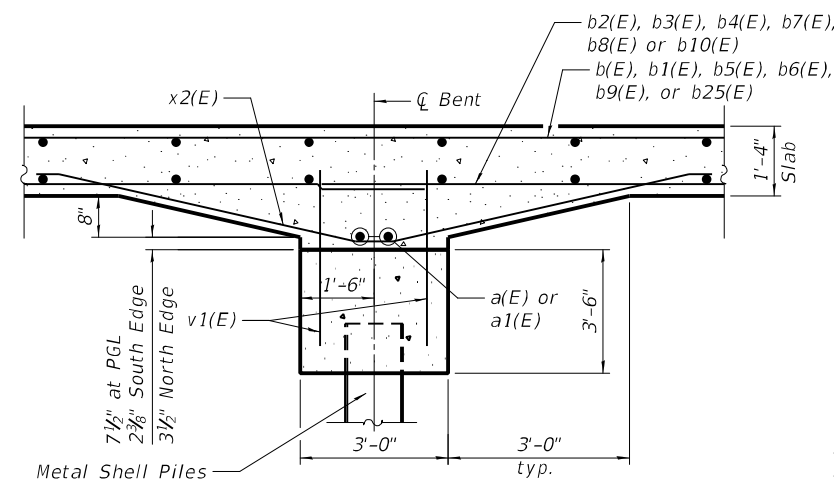




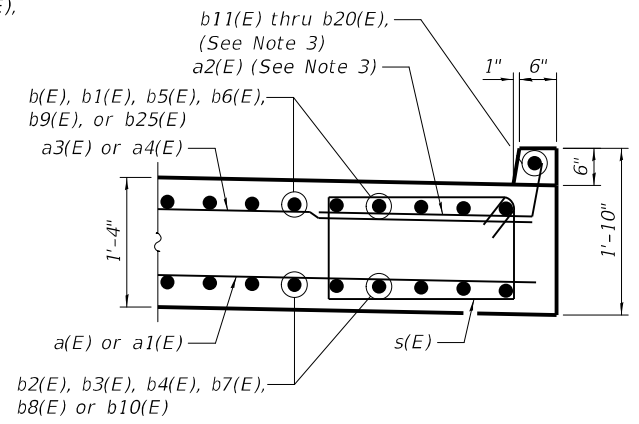
**CROSS SECTION**  
(All Units - Looking East)



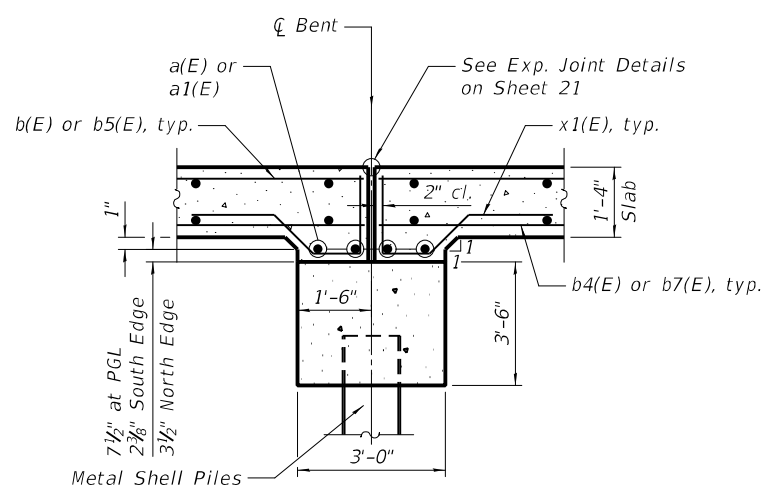
**ABUTMENTS**  
(2 Each)



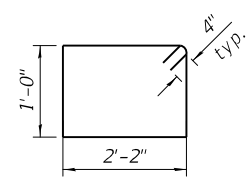
**INTERIOR FIXED PILE BENT**  
(33 Each)



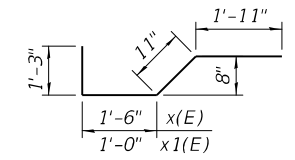
**CURB DETAIL**



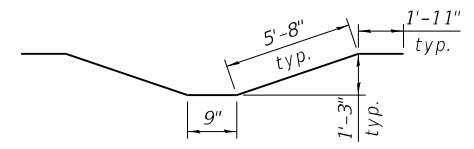
**INTERIOR EXPANSION PILE BENT**  
(7 Each)



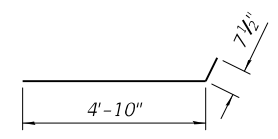
**BAR s(E)**



**BARS x(E) & x1(E)**



**BAR x2(E)**



**BAR a2(E)**

- Notes:  
 1. See Sheets 12 thru 14 for superstructure reinforcement details.  
 2. See Sheets 23 thru 26 for v(E) and v1(E) bars.  
 3. See Sheet 15A of 56 for curb reinforcement details.

**SUPERSTRUCTURE  
BILL OF MATERIAL**

| Bar                                  | No.     | Size | Length     | Shape |
|--------------------------------------|---------|------|------------|-------|
| a(E)                                 | 1937    | #7   | 25'-3"     | —     |
| a1(E)                                | 1937    | #7   | 12'-3"     | —     |
| a2(E)                                | 2640    | #5   | 5'-5 1/2"  | —     |
| a3(E)                                | 1839    | #6   | 25'-3"     | —     |
| a4(E)                                | 1839    | #6   | 12'-3"     | —     |
| b(E)                                 | 78      | #9   | 32'-4"     | —     |
| b1(E)                                | 117     | #9   | 31'-7"     | —     |
| b2(E)                                | 156     | #9   | 23'-9"     | —     |
| b3(E)                                | 195     | #9   | 30'-4"     | —     |
| b4(E)                                | 78      | #9   | 22'-3"     | —     |
| b5(E)                                | 546     | #9   | 34'-11"    | —     |
| b6(E)                                | 546     | #9   | 31'-1"     | —     |
| b7(E)                                | 1092    | #9   | 22'-4"     | —     |
| b8(E)                                | 1638    | #9   | 30'-5"     | —     |
| b9(E)                                | 39      | #9   | 34'-5"     | —     |
| b10(E)                               | 39      | #9   | 22'-9"     | —     |
| b11(E)                               | 24      | #5   | 29'-2"     | —     |
| b12(E)                               | 2       | #5   | 16'-7"     | —     |
| b13(E)                               | 4       | #5   | 22'-9"     | —     |
| b14(E)                               | 7       | #5   | 33'-8"     | —     |
| b15(E)                               | 3       | #5   | 24'-9 1/2" | —     |
| b16(E)                               | 9       | #5   | 30'-3 1/2" | —     |
| b17(E)                               | 3       | #5   | 21'-10"    | —     |
| b18(E)                               | 1       | #5   | 5'-8"      | —     |
| b19(E)                               | 2       | #5   | 5'-4"      | —     |
| b20(E)                               | 6       | #5   | 11'-5"     | —     |
| b25(E)                               | 1221    | #9   | 18'-0"     | —     |
| ** d10(E)                            | 65      | #6   | 1'-2"      | —     |
| s(E)                                 | 923     | #5   | 7'-0"      | □     |
| x(E)                                 | 78      | #5   | 5'-7"      | —     |
| x1(E)                                | 546     | #5   | 5'-1"      | —     |
| x2(E)                                | 1287    | #5   | 15'-11"    | —     |
| Concrete Superstructure              | Cu. Yd. |      | 2040.5     |       |
| Bridge Deck Grooving                 | Sq. Yd. |      | 3576       |       |
| Protective Coat                      | Sq. Yd. |      | 3956       |       |
| Reinforcement Bars, Epoxy Coated     | Pound   |      | 817,170    |       |
| Subbase Granular Material, Type B 4" | Sq. Yd. |      | 4002       |       |

\*\* Used for Floor Drains (Special) to attach to the bridge. See Sheet 20 and Drainage Plans for Floor Drains (Special) Details.

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|               |                |           |
|---------------|----------------|-----------|
| USER NAME =   | DESIGNED - SAT | REVISED - |
| CHECKED - SPS | REVISED -      |           |
| PLOT SCALE =  | DRAWN - JN     | REVISED - |
| PLOT DATE =   | CHECKED - JMT  | REVISED - |

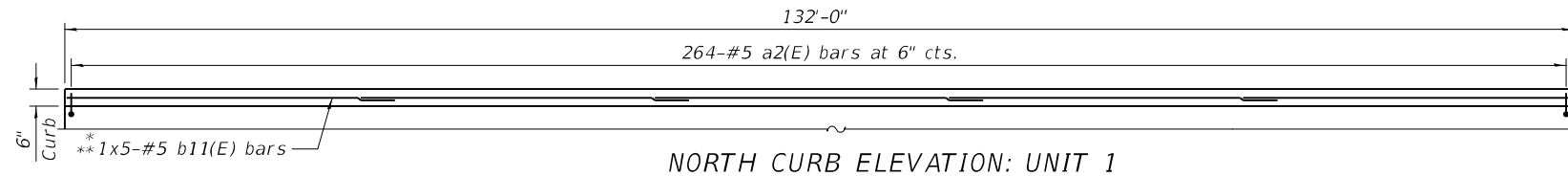
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUPERSTRUCTURE DETAILS AND CROSS SECTION  
STRUCTURE NO. 049-0690**  
SHEET 15 OF 56 SHEETS

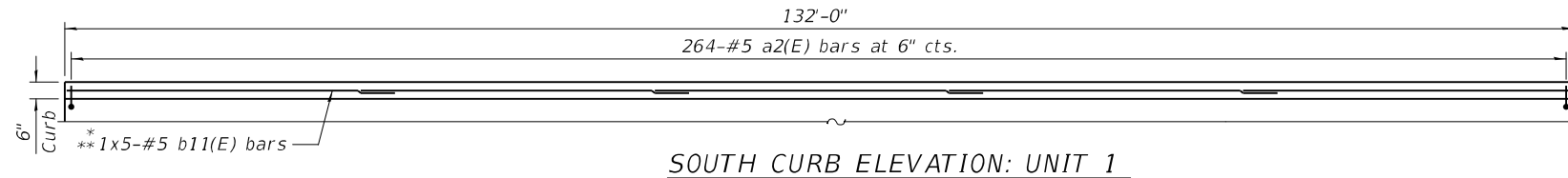
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|--------------------|-------------------|-------------|---------------------------|--------------|
| F.A.P. RTE. 541    | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164          | SHEET NO. 95 |
| CONTRACT NO. 62A53 |                   |             | ILLINOIS FED. AID PROJECT |              |

\* Trim bars in the field to fit

\*\* Increase lap length to fit



NORTH CURB ELEVATION: UNIT 1



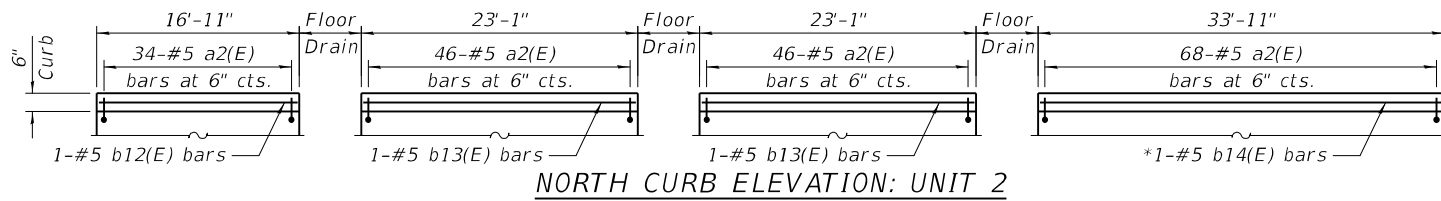
SOUTH CURB ELEVATION: UNIT 1

**NOTES:**

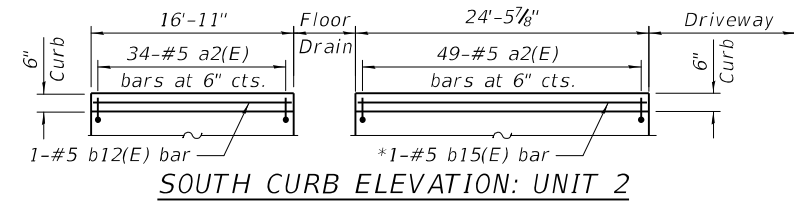
1. Lap a2(E) bars with a(E) bar at South Curb
2. Lap a2(E) bars with a1(E) bar at North Curb
3. For Floor Drain details, See Sheet 20 of 56.

**MIN. LAP**

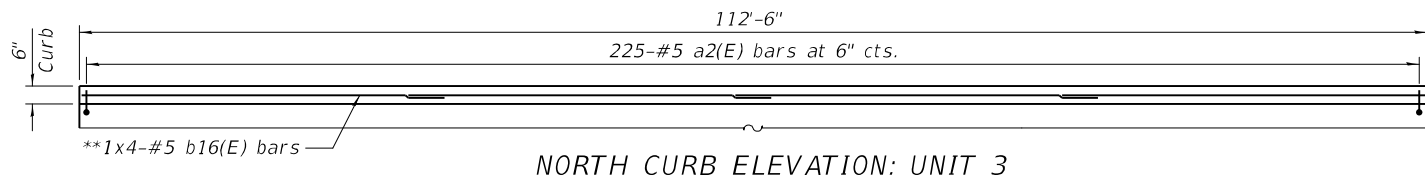
#5 bars = 3'-0"



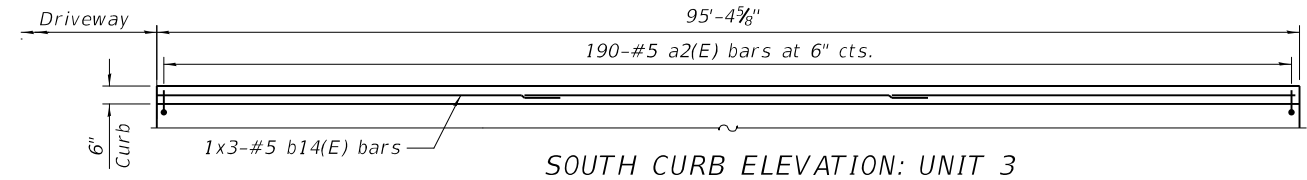
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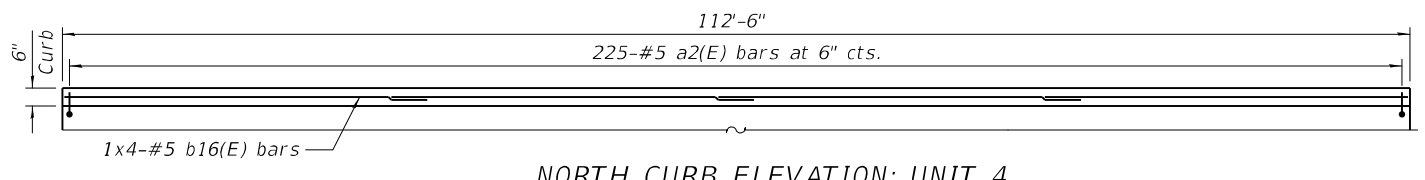
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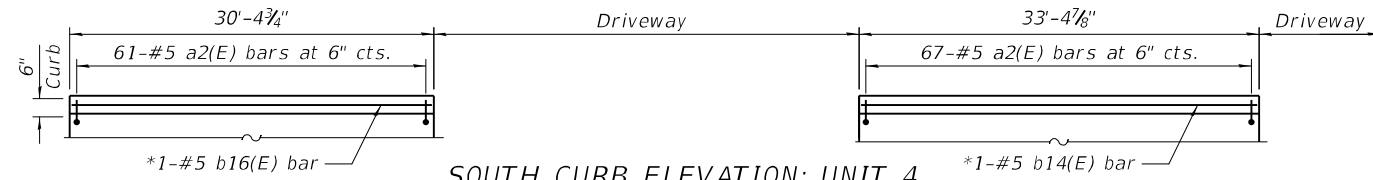
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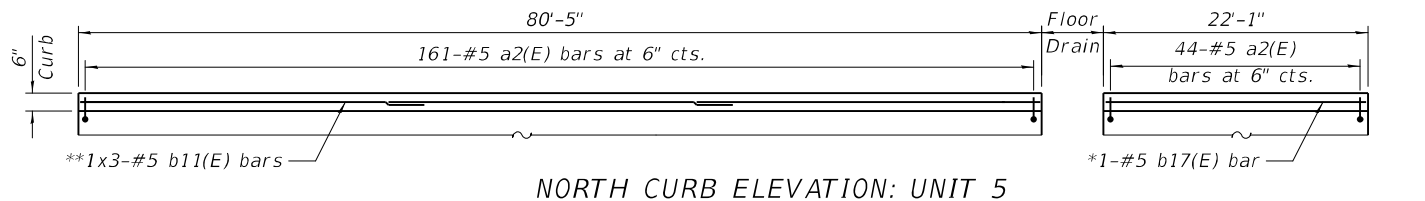
SOUTH CURB ELEVATION: UNIT 3



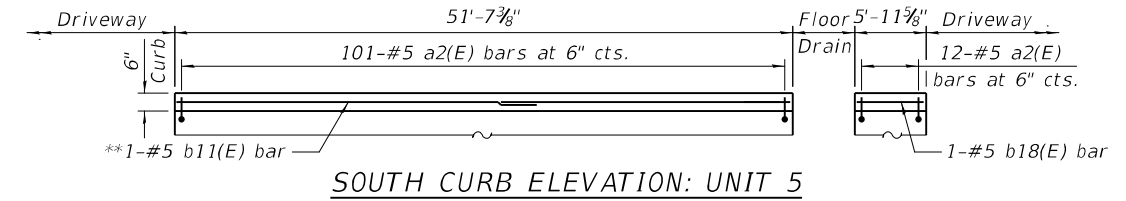
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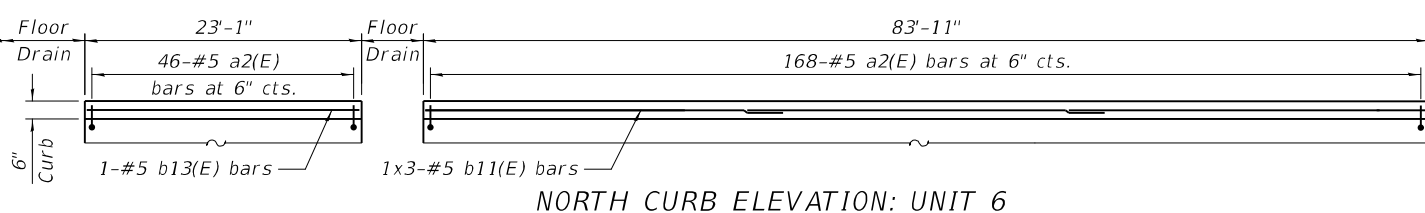
SOUTH CURB ELEVATION: UNIT 4



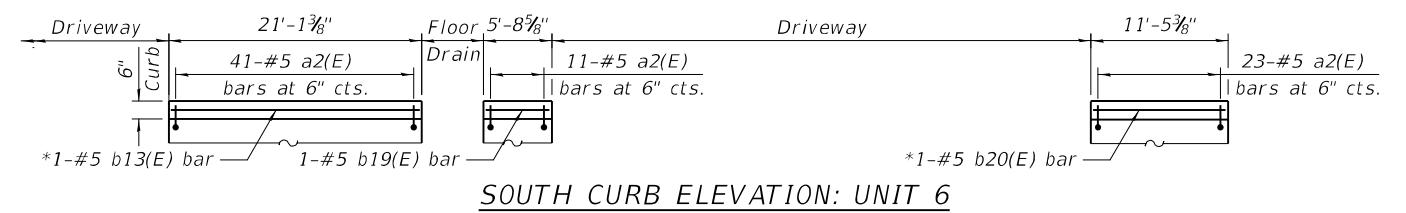
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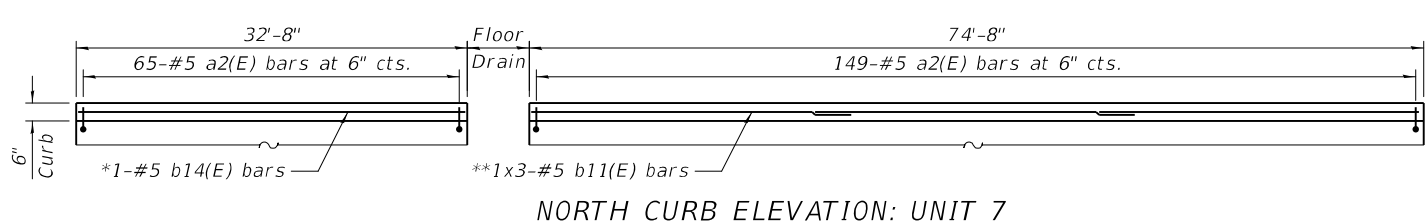
SOUTH CURB ELEVATION: UNIT 5



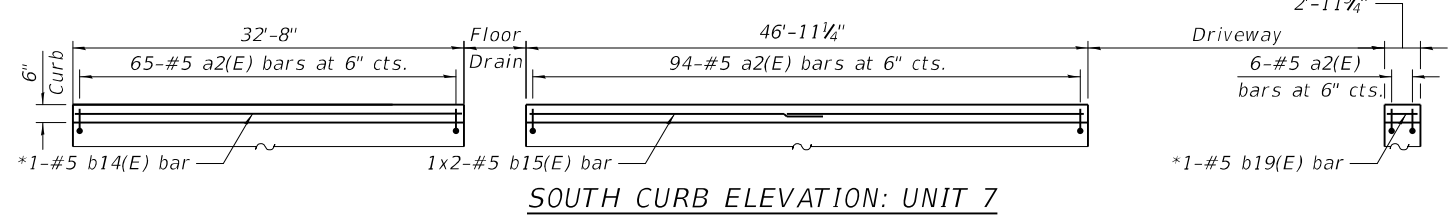
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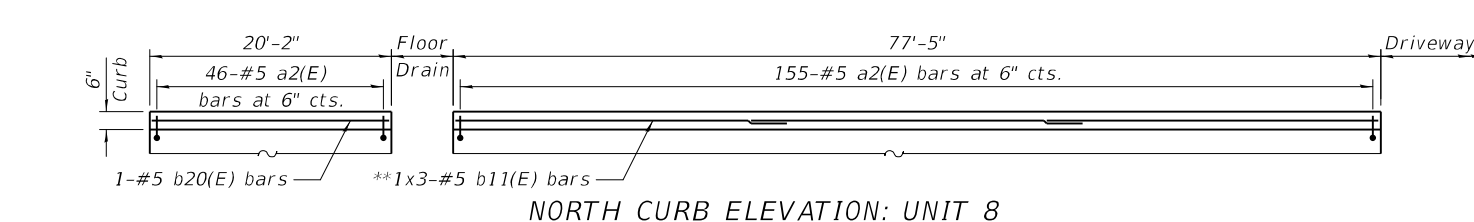
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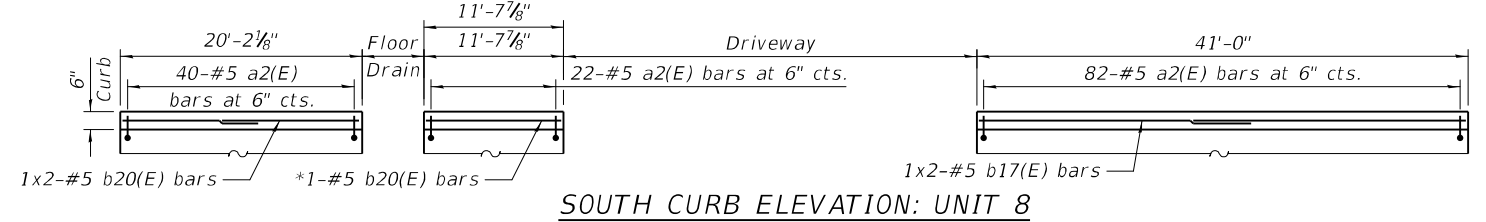
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SOUTH CURB ELEVATION: UNIT 7



NORTH CURB ELEVATION: UNIT 8



SOUTH CURB ELEVATION: UNIT 8

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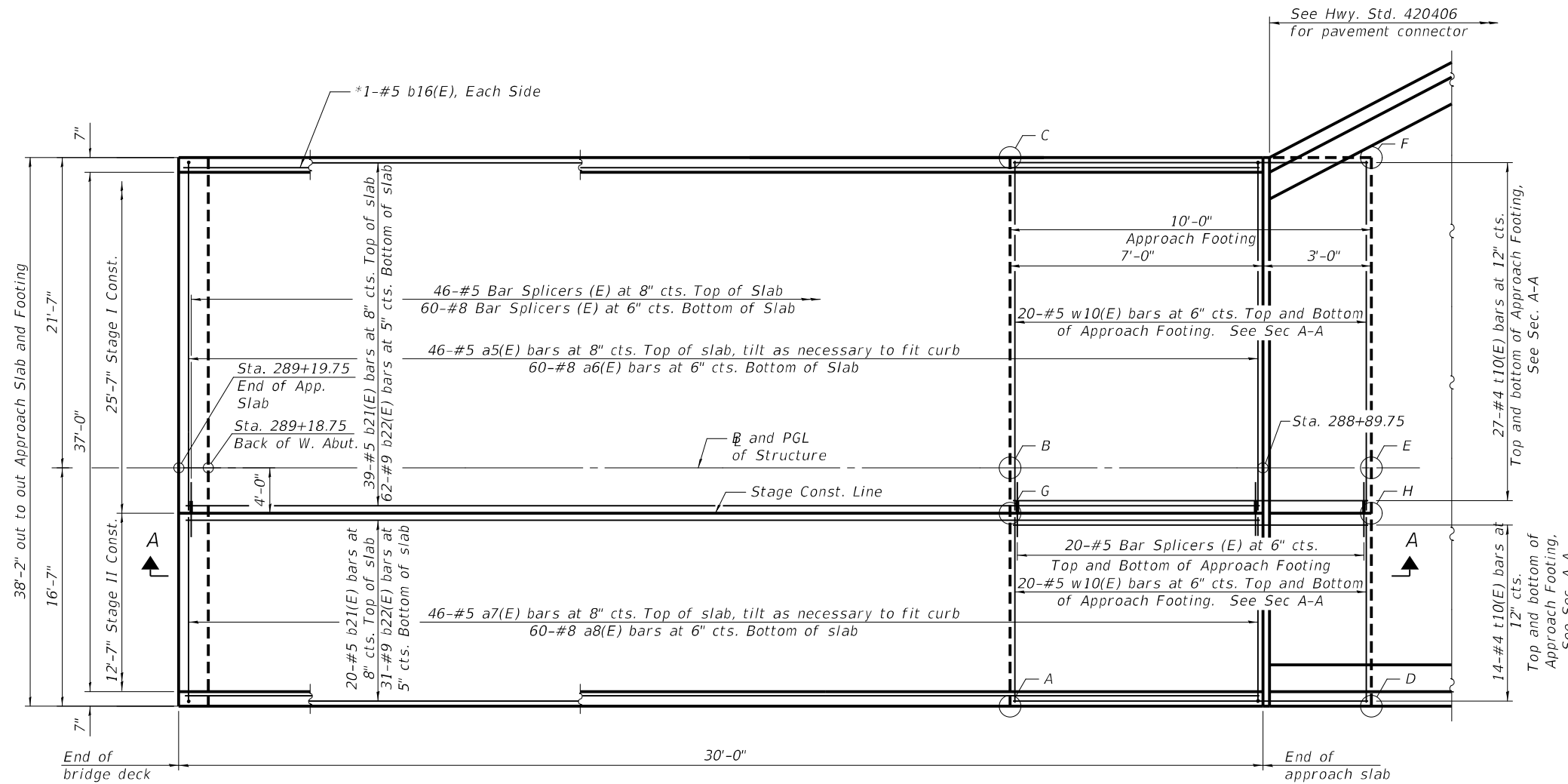
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CURB REINFORCEMENT DETAILS  
STRUCTURE NO. 049-0690**

SHEET 15A OF 56 SHEETS

|                           |                   |             |                  |               |
|---------------------------|-------------------|-------------|------------------|---------------|
| F.A.P. RTE. 541           | SECTION WR(2)-R-1 | COUNTY LAKE | TOTAL SHEETS 164 | SHEET NO. 95A |
| CONTRACT NO. 62A53        |                   |             |                  |               |
| ILLINOIS FED. AID PROJECT |                   |             |                  |               |

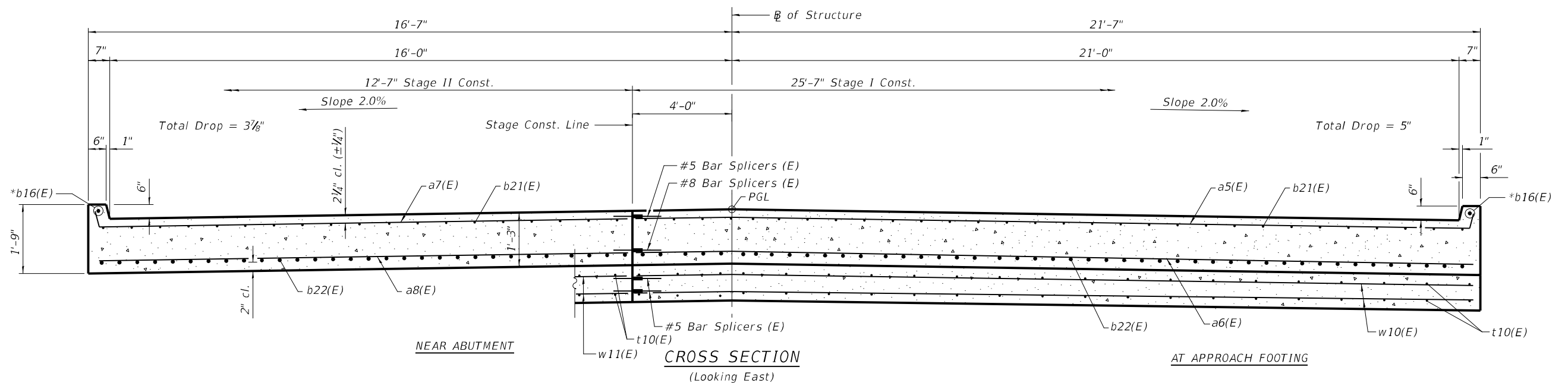
\* Trim bars in the field to fit



TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING

| Point | West Approach |        |
|-------|---------------|--------|
|       | Top           | Bottom |
| A     | 788.18        | 787.34 |
| B     | 788.51        | 787.67 |
| C     | 788.08        | 787.24 |
| D     | 788.14        | 787.31 |
| E     | 788.47        | 787.64 |
| F     | 788.04        | 787.21 |
| G     | 788.43        | 787.59 |
| H     | 788.39        | 787.56 |

PLAN



CROSS SECTION (Looking East)

(Sheet 1 of 2)

MODEL: Default  
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| PLOT DATE =   | CHECKED - SAT  | REVISED - |

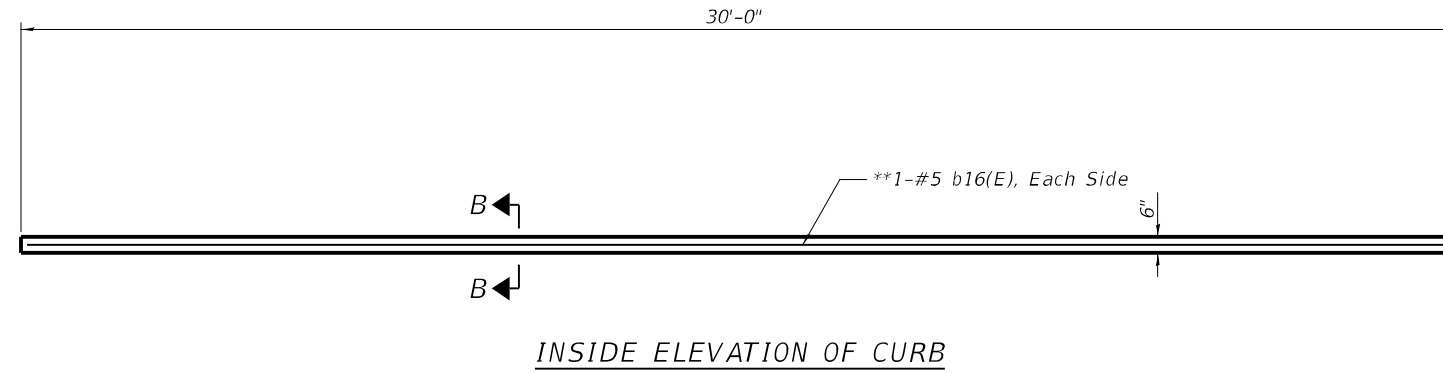
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BRIDGE WEST APPROACH SLAB DETAILS - I  
STRUCTURE NO. 049-0690

SHEET 16 OF 56 SHEETS

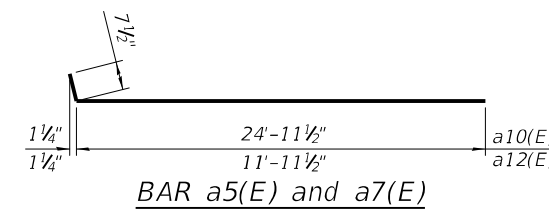
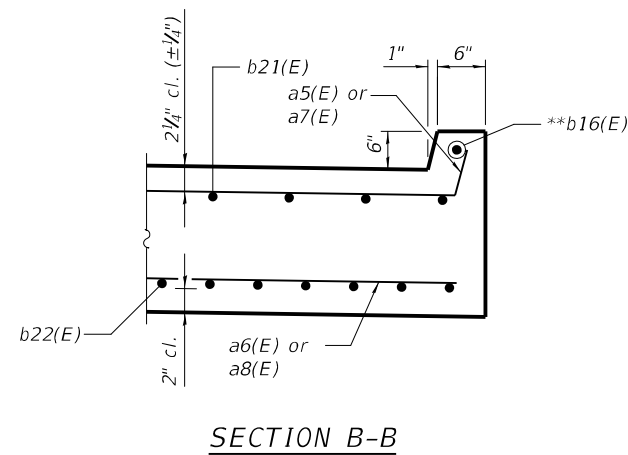
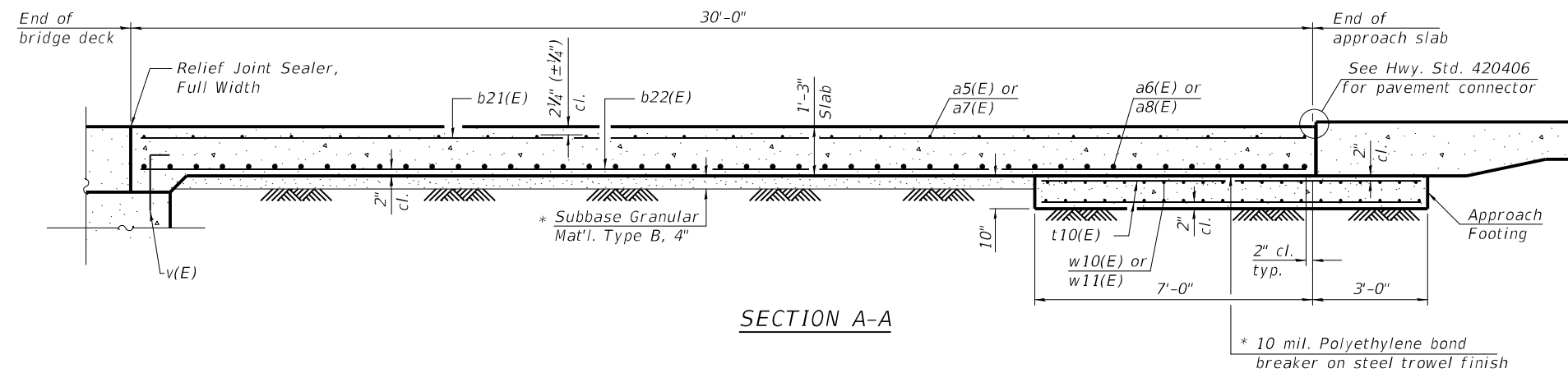
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| CONTRACT NO. 62A53        |                   |             |                  |              |
| ILLINOIS FED. AID PROJECT |                   |             |                  |              |

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Notes:

1. The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach slab.
2. Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
3. Approach footing concrete shall be paid for as Concrete Structures.
4. The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf. Cost of excavation for approach footing included with Concrete Structures. See Sheet 23 for v(E) bars.
5. Relief Joint Sealer shall be paid for as Concrete Superstructure.



WEST APPROACH  
BILL OF MATERIAL

| Bar                                     | No. | Size | Length     | Shape  |
|---|-----|------|------------|--------|
| a5(E)                                   | 46  | #5   | 25'-7"     | —      |
| a6(E)                                   | 60  | #8   | 25'-3"     | —      |
| a7(E)                                   | 46  | #5   | 12'-7"     | —      |
| a8(E)                                   | 60  | #8   | 12'-3"     | —      |
| b16(E)                                  | 2   | #5   | 30'-3 1/2" | —      |
| b21(E)                                  | 59  | #5   | 29'-8"     | —      |
| b22(E)                                  | 93  | #9   | 29'-8"     | —      |
| t10(E)                                  | 82  | #4   | 9'-8"      | —      |
| w10(E)                                  | 40  | #5   | 25'-3"     | —      |
| w11(E)                                  | 40  | #5   | 12'-3"     | —      |
| Concrete Superstructure (Approach Slab) |     |      | Cu. Yd.    | 53.8   |
| Concrete Structures                     |     |      | Cu. Yd.    | 11.8   |
| Reinforcement Bars, Epoxy Coated        |     |      | Pound      | 21,180 |
| Bridge Deck Grooving                    |     |      | Sq. Yd.    | 117    |
| Protective Coat                         |     |      | Sq. Yd.    | 131    |

\* Cost included with Concrete Superstructure (Approach Slab).

\*\* Trim bars in the field to fit

(Sheet 2 of 2)

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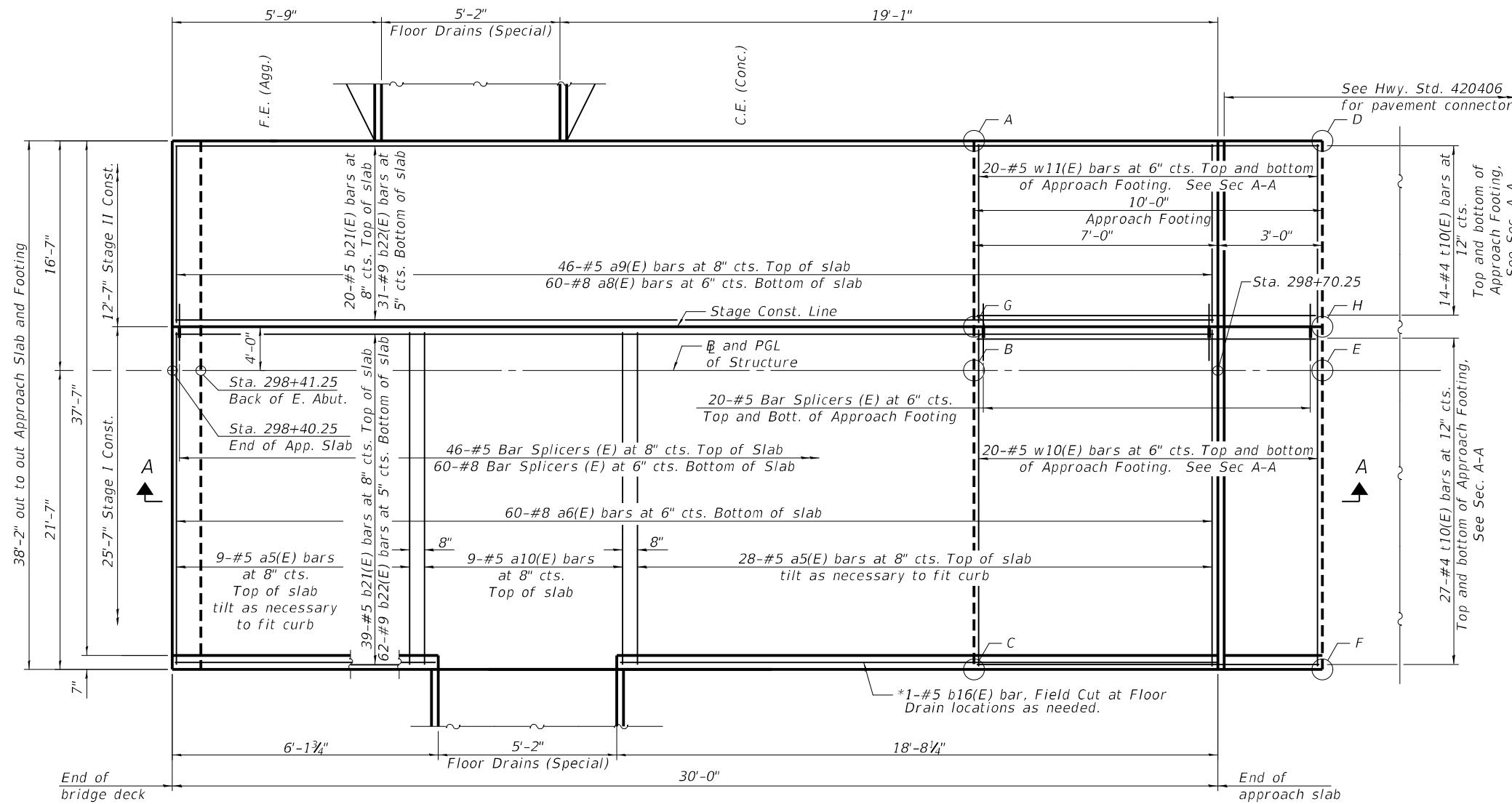
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

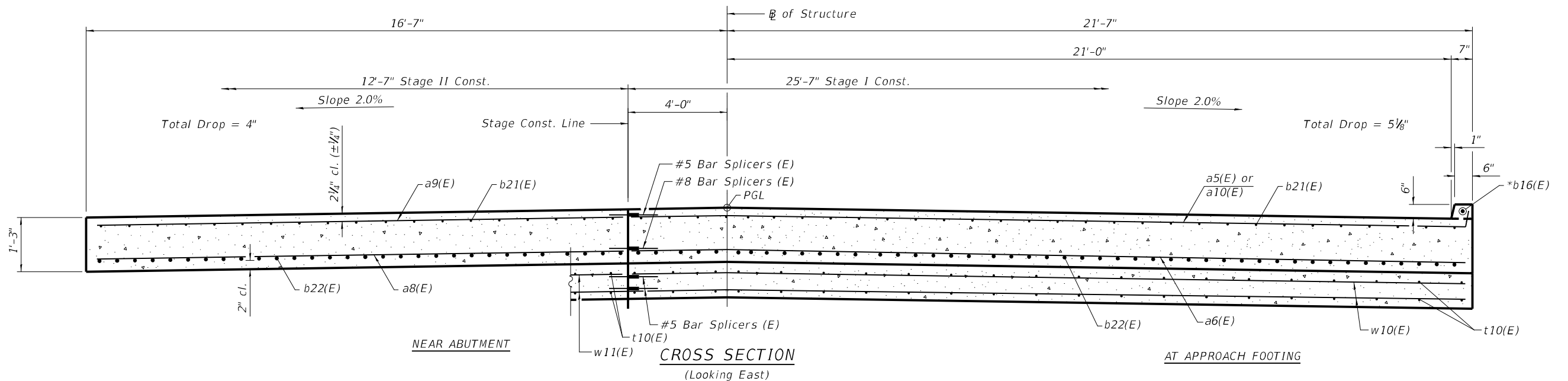
BRIDGE WEST APPROACH SLAB DETAILS - II  
STRUCTURE NO. 049-0690

SHEET 17 OF 56 SHEETS

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| CONTRACT NO. 62A53        |                   |             |                  |              |
| ILLINOIS FED. AID PROJECT |                   |             |                  |              |



PLAN



CROSS SECTION  
(Looking East)

**NOTES:**

1. See Sheet 20 and Drainage Plans for Open Curb Inlet Details.

\* Trim bars in the field to fit

**TOP AND BOTTOM ELEVATIONS FOR APPROACH FOOTING**

| Point | East Approach |        |
|-------|---------------|--------|
|       | Top           | Bottom |
| A     | 791.18        | 790.34 |
| B     | 791.51        | 790.68 |
| C     | 791.08        | 790.24 |
| D     | 791.41        | 790.58 |
| E     | 791.74        | 790.91 |
| F     | 791.31        | 790.48 |
| G     | 791.43        | 790.60 |
| H     | 791.66        | 790.83 |

(Sheet 1 of 2)

STATE OF ILLINOIS  
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BRIDGE EAST APPROACH SLAB DETAILS - I  
STRUCTURE NO. 049-0690

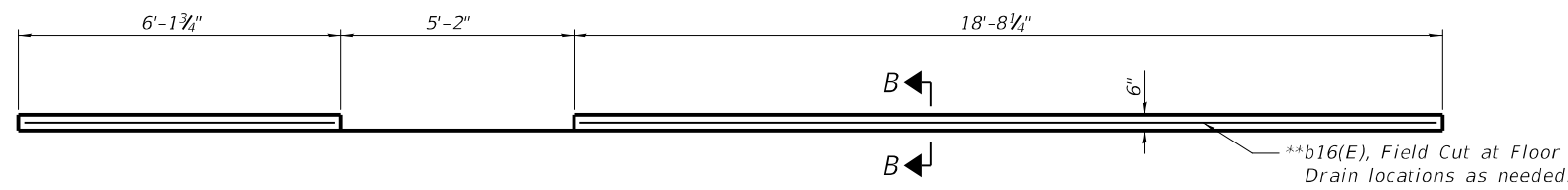
SHEET 18 OF 56 SHEETS

|                    |                   |             |                  |              |
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ILLINOIS FED. AID PROJECT



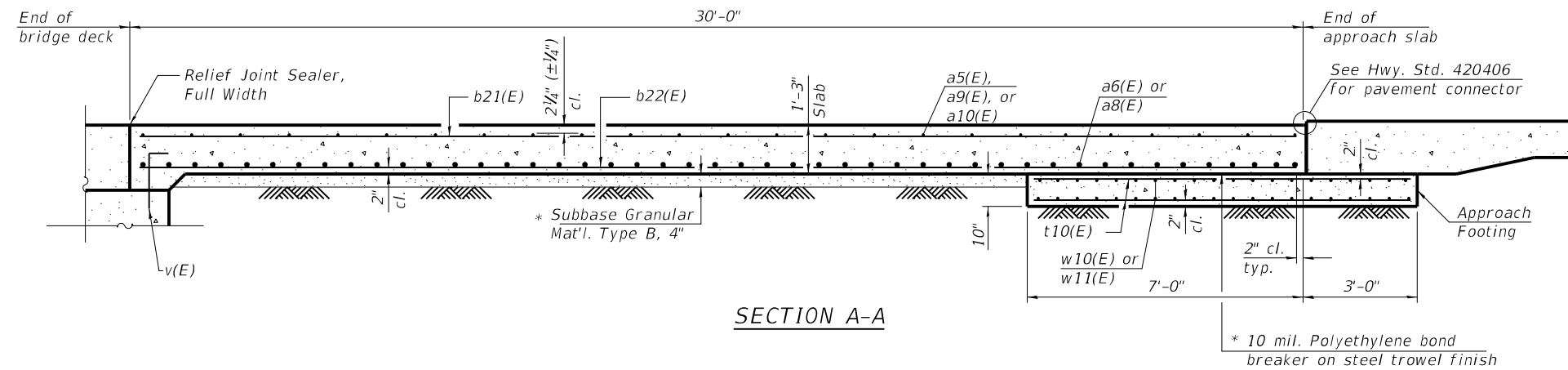
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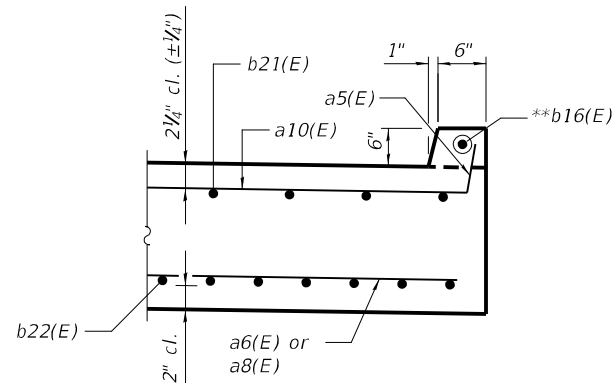
INSIDE ELEVATION OF CURB

Notes:

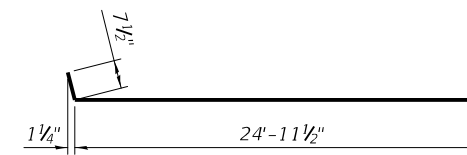
1. The joint opening shall be adjusted for temperature per Article 520.04 of the Standard Specifications. However, since this detail is for jointless structures, the length of bridge used to calculate the adjustment shall be equal to half the total bridge length plus the length of the bridge approach slab.
2. Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
3. Approach footing concrete shall be paid for as Concrete Structures.
4. The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf. Cost of excavation for approach footing included with Concrete Structures. See Sheet 24 for v(E) bars.
5. Relief Joint Sealer shall be paid for as Concrete Superstructure.



SECTION A-A



SECTION B-B



BAR a5(E)

EAST APPROACH  
BILL OF MATERIAL

| Bar                                     | No. | Size | Length     | Shape  |
|---|-----|------|------------|--------|
| a5(E)                                   | 37  | #5   | 25'-7"     | ┌───┐  |
| a6(E)                                   | 60  | #8   | 25'-3"     | ┌───┐  |
| a8(E)                                   | 60  | #8   | 12'-3"     | ┌───┐  |
| a9(E)                                   | 46  | #5   | 12'-3"     | ┌───┐  |
| a10(E)                                  | 9   | #5   | 25'-3"     | ┌───┐  |
| b16(E)                                  | 1   | #5   | 30'-3 1/2" | ┌───┐  |
| b21(E)                                  | 59  | #5   | 29'-8"     | ┌───┐  |
| b22(E)                                  | 93  | #9   | 29'-8"     | ┌───┐  |
| d10(E)                                  | 10  | #6   | 1'-2"      | ┌───┐  |
| t10(E)                                  | 82  | #4   | 9'-8"      | ┌───┐  |
| w10(E)                                  | 40  | #5   | 25'-3"     | ┌───┐  |
| w11(E)                                  | 40  | #5   | 12'-3"     | ┌───┐  |
| Concrete Superstructure (Approach Slab) |     |      | Cu. Yd.    | 53.5   |
| Concrete Structures                     |     |      | Cu. Yd.    | 11.8   |
| Reinforcement Bars, Epoxy Coated        |     |      | Pound      | 21,180 |
| Bridge Deck Grooving                    |     |      | Sq. Yd.    | 117    |
| Protective Coat                         |     |      | Sq. Yd.    | 127    |

\*\*\* Used for Floor Drains (Special) to attach to the bridge. See Sheet 20 and Drainage Plans for Floor Drains (Special) Details.

\* Cost included with Concrete Superstructure (Approach Slab)

\*\* Trim bars in the field to fit

(Sheet 2 of 2)

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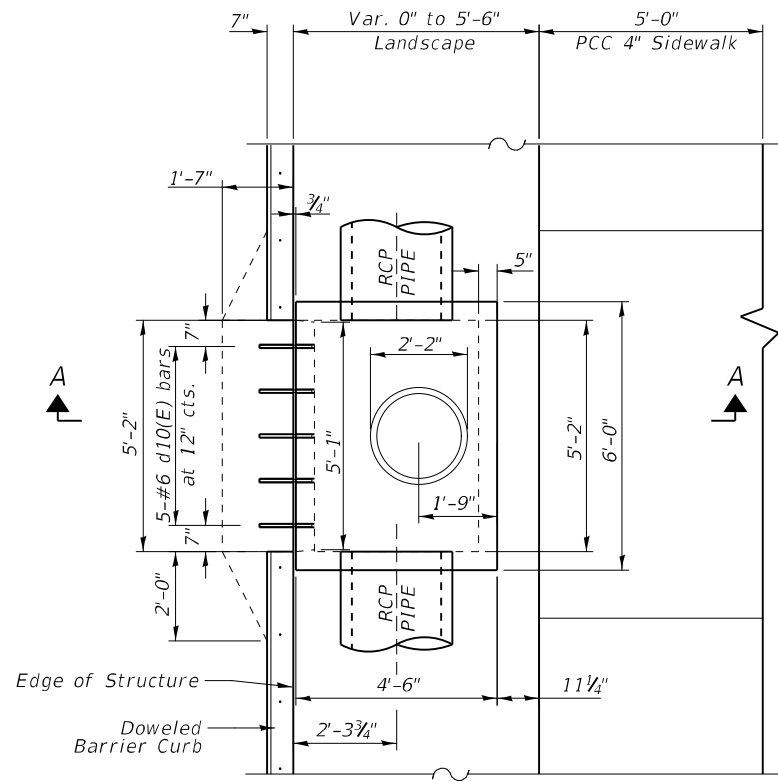
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BRIDGE EAST APPROACH SLAB DETAILS - II  
STRUCTURE NO. 049-0690

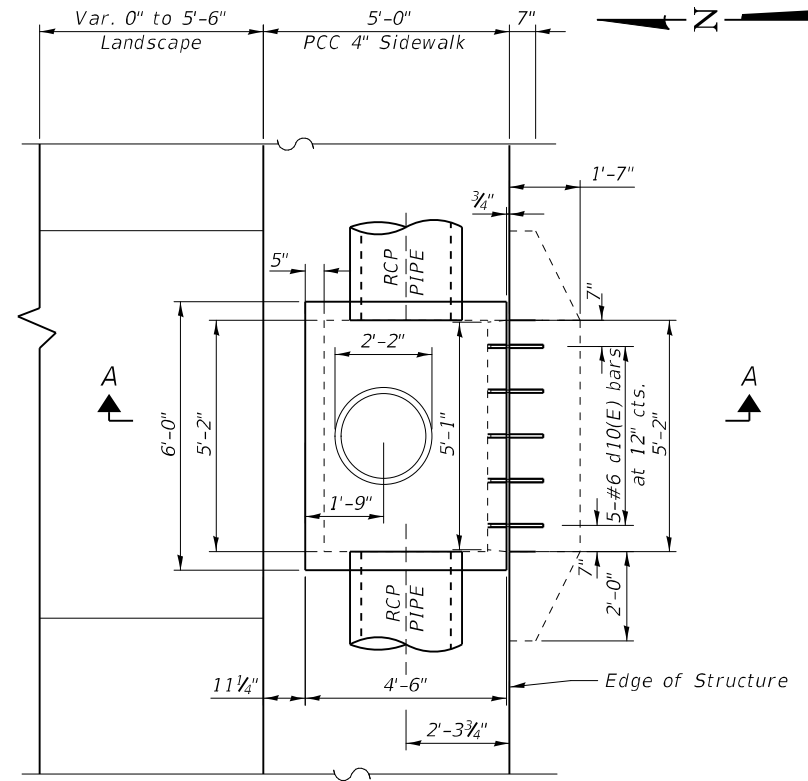
SHEET 19 OF 56 SHEETS

|                           |                   |             |                  |              |
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| ILLINOIS FED. AID PROJECT |                   |             |                  |              |





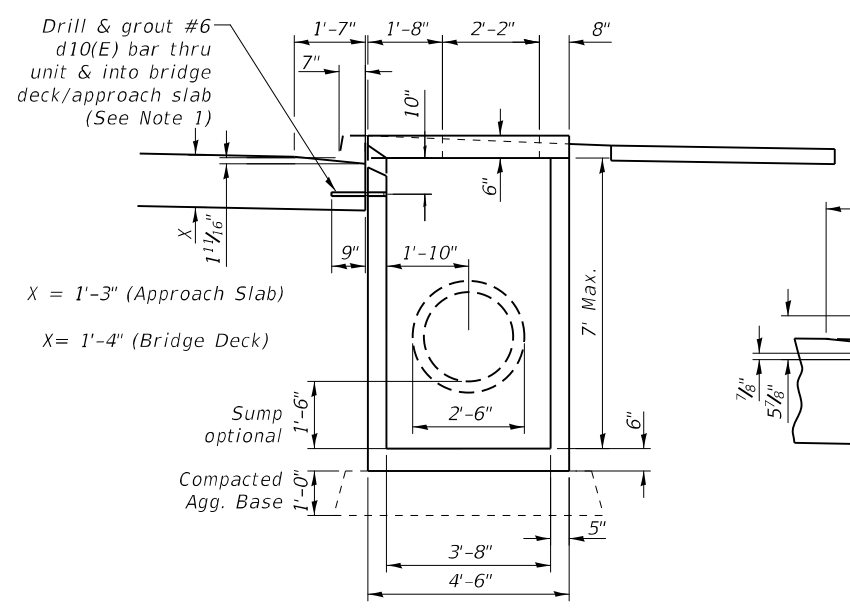
PLAN



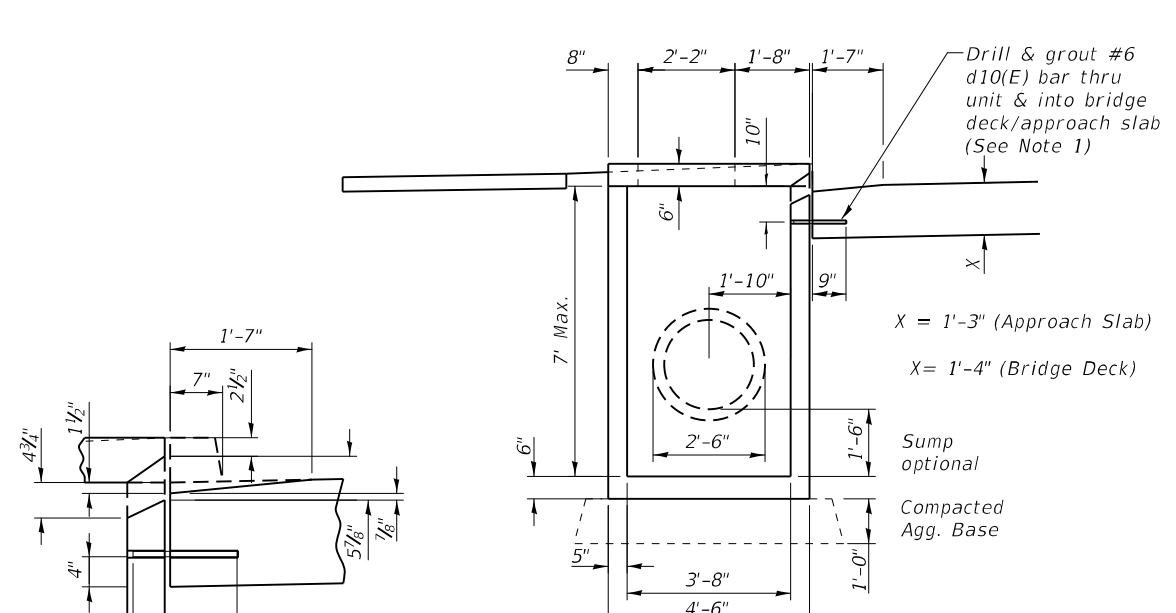
PLAN

**FLOOR DRAIN (SPECIAL)  
LOCATIONS**

| Inlet ID | Structure Description | Gutter Elevation Station | Gutter Offset (ft) | Gutter Elevation |
|----------|-----------------------|--------------------------|--------------------|------------------|
| DS-14    | Open Curb Inlet       | 290+71.75                | 16.58 LT.          | 789.40           |
| DS-15    | Open Curb Inlet       | 291+00.00                | 16.58 LT.          | 789.37           |
| DS-16    | Open Curb Inlet       | 291+28.25                | 16.58 LT.          | 789.40           |
| DS-17    | Open Curb Inlet       | 294+72.75                | 16.58 LT.          | 789.40           |
| DS-18    | Open Curb Inlet       | 294+95.67                | 16.58 LT.          | 789.37           |
| DS-19    | Open Curb Inlet       | 295+28.25                | 16.58 LT.          | 789.40           |
| DS-20    | Open Curb Inlet       | 296+50.00                | 16.58 LT.          | 789.84           |
| DS-21    | Open Curb Inlet       | 297+50.00                | 16.58 LT.          | 790.49           |
| DS-22    | Open Curb Inlet       | 290+71.75                | 21.58 RT.          | 789.30           |
| DS-25    | Open Curb Inlet       | 294+72.75                | 21.58 RT.          | 789.30           |
| DS-27    | Open Curb Inlet       | 296+50.00                | 21.58 RT.          | 789.74           |
| DS-28    | Open Curb Inlet       | 297+50.01                | 21.58 RT.          | 791.39           |
| DS-29    | Open Curb Inlet       | 298+50.00                | 21.54 RT.          | 792.03           |
| DS-33    | Open Curb Inlet       | 298+50.00                | 16.63 LT.          | 792.13           |
| DS-39    | Open Curb Inlet       | 295+50.00                | 21.58 RT.          | 789.35           |



SECTION A-A  
(STAGE I)  
FLOOR DRAIN (SPECIAL)



SECTION A-A  
(STAGE II)  
FLOOR DRAIN (SPECIAL)

Notes:  
1. Drill and Grout d10(E) bars per Art. 584 of Std. Specifications. Cost is included in the cost of Floor Drain (Special).

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FLOOR DRAIN (SPECIAL) DETAILS  
STRUCTURE NO. 049-0690

SHEET 20 OF 56 SHEETS

|                           |                   |             |                  |               |
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| ILLINOIS FED. AID PROJECT |                   |             |                  |               |