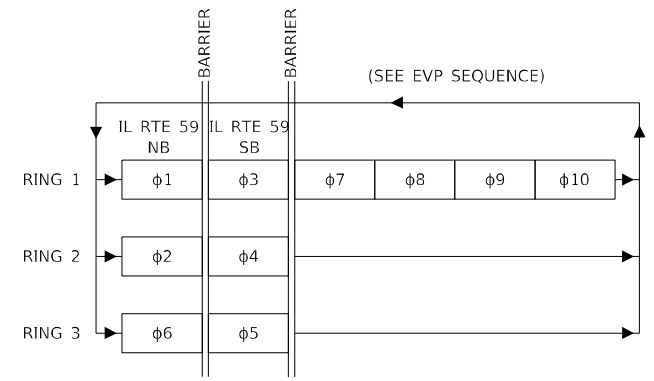
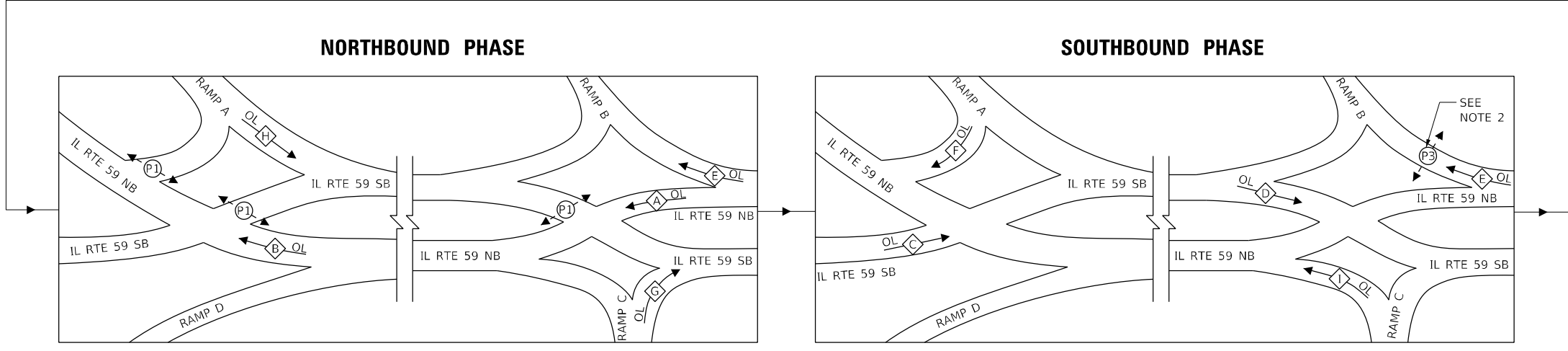


PHASE DESIGNATION DIAGRAM



RING AND BARRIER DESIGN



SEQUENCE OF OPERATION / OVERLAP DESIGNATION

| TRAFFIC MOVEMENT | φ NUMBER | OVERLAP | NOTES |
|----------------------------------|-----------|---------|---------------------------|
| IL RTE 59 NB AT RAMP B & C | φ1+φ7 | ⬡ | EVP 3 (φ7) |
| IL RTE 59 NB AT RAMP A & D | φ1+φ7+φ9 | ⬡ | EVP 3 (φ7) & 5 (φ9) |
| IL RTE 59 SB AT RAMP A & D | φ3+φ8 | ⬡ | EVP 4 (φ8) |
| IL RTE 59 SB AT RAMP B & C | φ3+φ8+φ10 | ⬡ | EVP 4 (φ8) & 6 (φ10) |
| IL RTE 59 NB RT AT RAMP B | φ1+φ3+φ7 | ⬡ | EVP 3 (φ7) |
| RAMP A NB RT | φ4+φ10 | ⬡ | EVP 6 (φ10) DELAYED GREEN |
| RAMP C SB RT | φ2+φ9 | ⬡ | EVP 5 (φ9) DELAYED GREEN |
| RAMP A SB LT | φ6+φ10 | ⬡ | EVP 6 (φ10) DELAYED GREEN |
| RAMP C NB LT | φ5+φ9 | ⬡ | EVP 5 (φ9) DELAYED GREEN |
| PEDESTRIAN CROSSING RAMP A | φP1 | | |
| PEDESTRIAN CROSSING IL RTE 59 SB | φP1 | | |
| PEDESTRIAN CROSSING RAMP B | φP3 | | PEDESTRIAN PROTECT NOTE 2 |

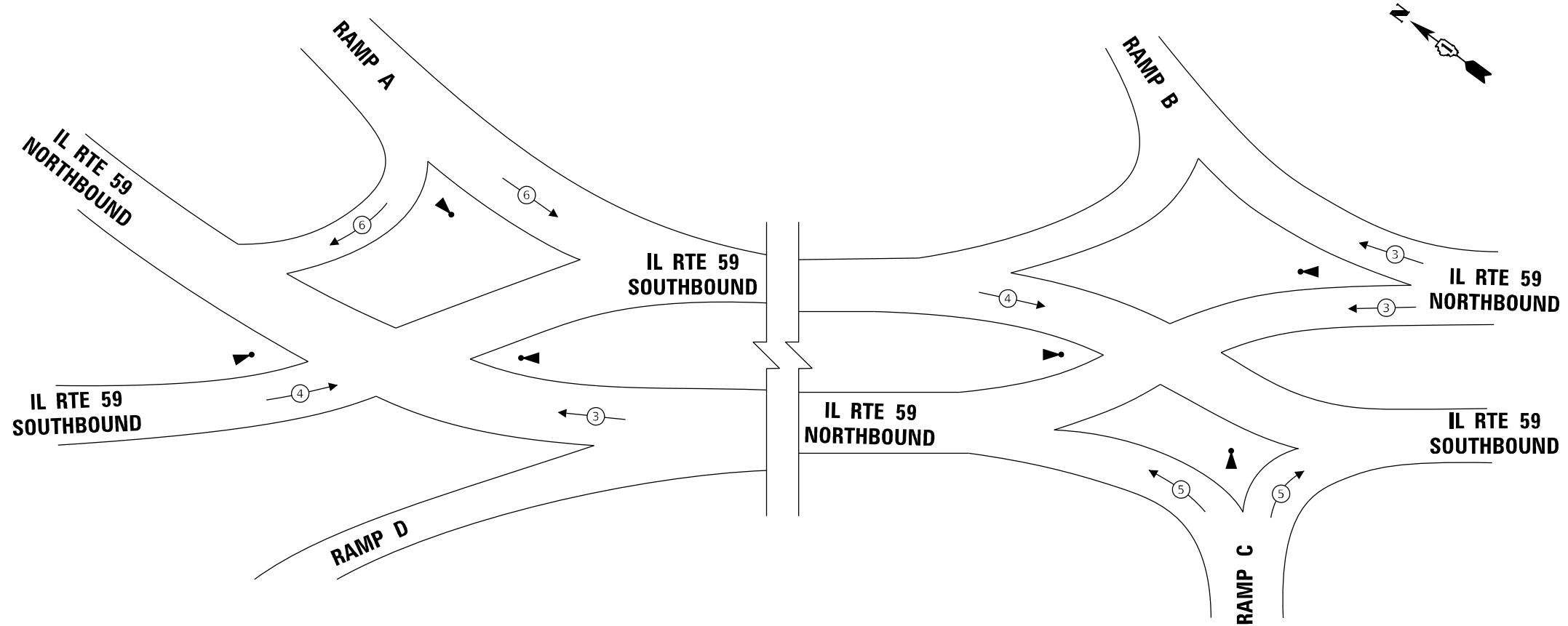
PHASING ASSIGNMENT

NOTES:

- ALL VEHICLE SIGNAL INDICATIONS LOAD SWITCHES FOR DIVERGING DIAMOND INTERCHANGE SHALL BE OPERATED BY CONTROLLER OVERLAPS A THROUGH I.
- PEDESTRIAN PROTECT - RAMP B UPON PUSH-BUTTON ACTIVATION OF P3 PHASE AT RAMP B CROSSING, OVERLAP E SHALL NOT DISPLAY GREEN UNTIL P3 HAS TERMINATED.

| | | |
|----------------------------|--------------------|-----------|
| USER NAME = echol | DESIGNED - ECHOI | REVISED - |
| DRAWN - ECHOI | REVISED - | |
| PLOT SCALE = 2,0000' / in. | CHECKED - MGARVIDA | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

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EMERGENCY VEHICLE PREEMPTION SEQUENCE

| PROPOSED EMERGENCY VEHICLE PREEMPTORS | | | | | | | | |
|---------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| EMERGENCY VEHICLE PREEMPTION | 3 (φ7) | | 4 (φ8) | | 5 (φ9) | | 6 (φ10) | |
| INTERSECTION | RAMP A / D | RAMP B / C | RAMP A / D | RAMP B / C | RAMP A / D | RAMP B / C | RAMP A / D | RAMP B / C |
| MOVEMENT | ← | ↔ | → | ↔ | ← | ↔ | → | ↔ |



| | | |
|---------------------------|--------------------|-----------|
| USER NAME = echol | DESIGNED - ECHOI | REVISED - |
| | DRAWN - ECHOI | REVISED - |
| PLOT SCALE = 2,000' / in. | CHECKED - MGARVIDA | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PHASE DESIGNATION DIAGRAM
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE (SHEET 2 OF 2)
IL RTE 59 AND I-55 SOUTHBOUND AND NORTHBOUND RAMPS

SCALE: NTS SHEET OF SHEETS STA. TO STA.

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 902 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

SCHEDULE OF QUANTITIES

| ITEM DESCRIPTION | UNITS | IL RTE 59 & I-55 SB RAMPS | IL RTE 59 & I-55 NB RAMPS | TOTAL QTY. |
|--|-------|---------------------------|---------------------------|------------|
| SIGN PANEL - TYPE 1 | SQ FT | 36 | 36 | 72 |
| SIGN PANEL - TYPE 2 | SQ FT | 48 | 48 | 96 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 1,332 | 1,341 | 2,673 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA. | FOOT | 297 | 338 | 635 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. | FOOT | 2,275 | 2,145 | 4,420 |
| HANDHOLE | EACH | 9 | 10 | 19 |
| HEAVY-DUTY HANDHOLE | EACH | - | 1 | 1 |
| DOUBLE HANDHOLE | EACH | 3 | 5 | 8 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | FOOT | 4,720 | 620 | 5,340 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C | FOOT | 8,630 | 1,180 | 9,810 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 23,070 | 5,710 | 28,780 |
| ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 4,760 | 5,260 | 10,020 |
| ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 2 2 C | FOOT | 770 | 720 | 1,490 |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 4,310 | 4,620 | 8,930 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. | EACH | 5 | 8 | 13 |
| TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT. | EACH | 2 | 3 | 5 |
| STEEL MAST ARM ASSEMBLY AND POLE, 26 FT. | EACH | - | 1 | 1 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 26 FT. | EACH | 2 | 2 | 4 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT. | EACH | 1 | - | 1 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT. | EACH | - | 1 | 1 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. | EACH | - | 1 | 1 |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT. | EACH | 1 | - | 1 |
| CONCRETE FOUNDATION, TYPE A | FOOT | 32 | 48 | 80 |
| CONCRETE FOUNDATION, TYPE C | FOOT | 4 | 4 | 8 |
| CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER | FOOT | - | 10 | 10 |
| CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 48 | 44 | 92 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 9 | 10 | 19 |
| SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 10 | 13 | 23 |
| PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH | 4 | 4 | 8 |
| TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC | EACH | 9 | 10 | 19 |
| INDUCTIVE LOOP DETECTOR | EACH | 12 | 12 | 24 |
| PREFORMED DETECTOR LOOP | FOOT | 490 | 500 | 990 |
| * LIGHT DETECTOR | EACH | 3 | 3 | 6 |
| * LIGHT DETECTOR AMPLIFIER | EACH | 1 | 1 | 2 |
| * COMMUNICATIONS CABINET AND EQUIPMENT | EACH | 1 | - | 1 |
| * EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C | FOOT | 3,900 | 700 | 4,600 |
| SERVICE INSTALLATION, GROUND MOUNTED, METERED | EACH | 1 | 1 | 2 |
| CONDUIT SPLICE | EACH | 4 | 4 | 8 |
| UNINTERRUPTABLE POWER SUPPLY, SPECIAL | EACH | 1 | 1 | 2 |
| ACCESSIBLE PEDESTRIAN SIGNALS | EACH | 4 | 4 | 8 |
| DIVERGING DIAMOND INTERCHANGE, FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL) | EACH | - | 1 | 1 |

* 100% COST TO THE CITY OF JOLIET

TS SHT NO. 31

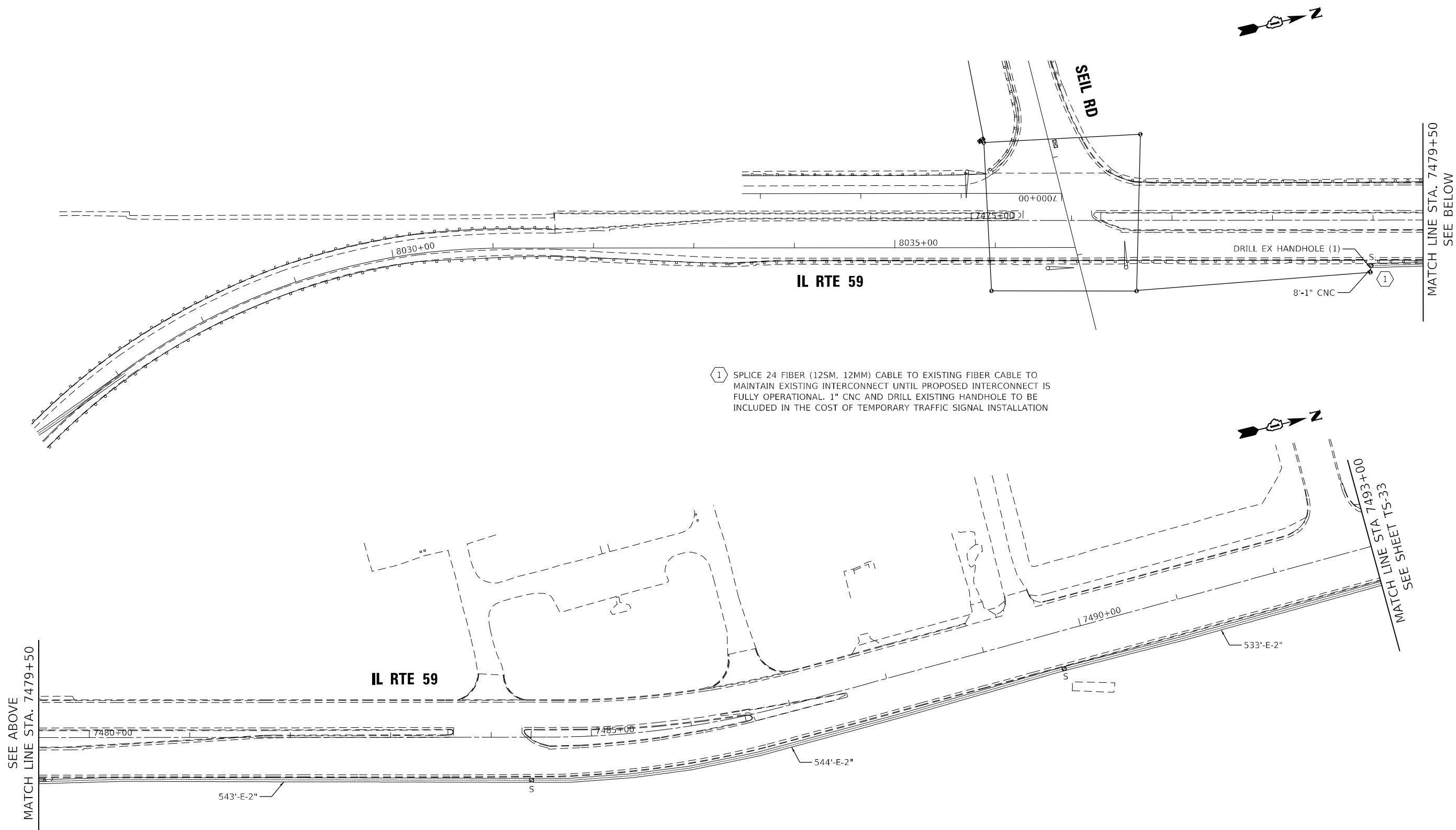
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**TS 22199
EAGLE 3D**

| | | | | | | | | | | |
|---|-----------------------------|--------------------|-----------|---|--|-------------|------------|---|--------------|-----------|
|  | USER NAME = echol | DESIGNED - ECHOI | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SCHEDULE OF QUANTITIES I-55 RAMPS AND IL ROUTE 59 | F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 2,0000 ' / in. | CHECKED - MGARVIDA | REVISED - | | | = | 2018-075-R | WILL | 1510 | 903 |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - | | SCALE: NTS | SHEET OF SHEETS | STA. | TO STA. | * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT CONTRACT NO. 62H15 | | |

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55509
2022/03/27

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1 SPLICE 24 FIBER (12SM, 12MM) CABLE TO EXISTING FIBER CABLE TO MAINTAIN EXISTING INTERCONNECT UNTIL PROPOSED INTERCONNECT IS FULLY OPERATIONAL. 1" CNC AND DRILL EXISTING HANDHOLE TO BE INCLUDED IN THE COST OF TEMPORARY TRAFFIC SIGNAL INSTALLATION

MATCH LINE STA. 7479+50
SEE BELOW

SEE ABOVE
MATCH LINE STA. 7479+50

MATCH LINE STA 7493+00
SEE SHEET TS-33



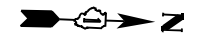
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|------------------------------|--------------------|-----------|
| USER NAME = echol | DESIGNED - ECHOI | REVISED - |
| DRAWN - ECHOI | REVISIONS | |
| PLOT SCALE = 100,0000' / in. | CHECKED - MGARVIDA | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT PLAN (SHEET 1 OF 2)
IL RTE 59 (COTTAGE ST) – SEIL RD TO SCHOOL RD

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

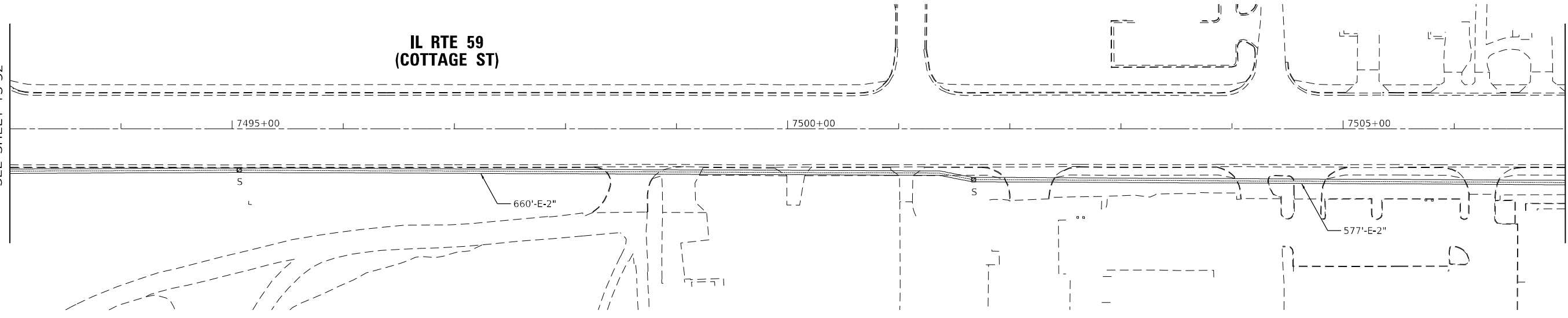
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| | 2018-075-R | WILL | 1510 | 904 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



MATCH LINE STA. 7493+00
SEE SHEET TS-32

IL RTE 59
(COTTAGE ST)

MATCH LINE STA. 7507+00
SEE BELOW

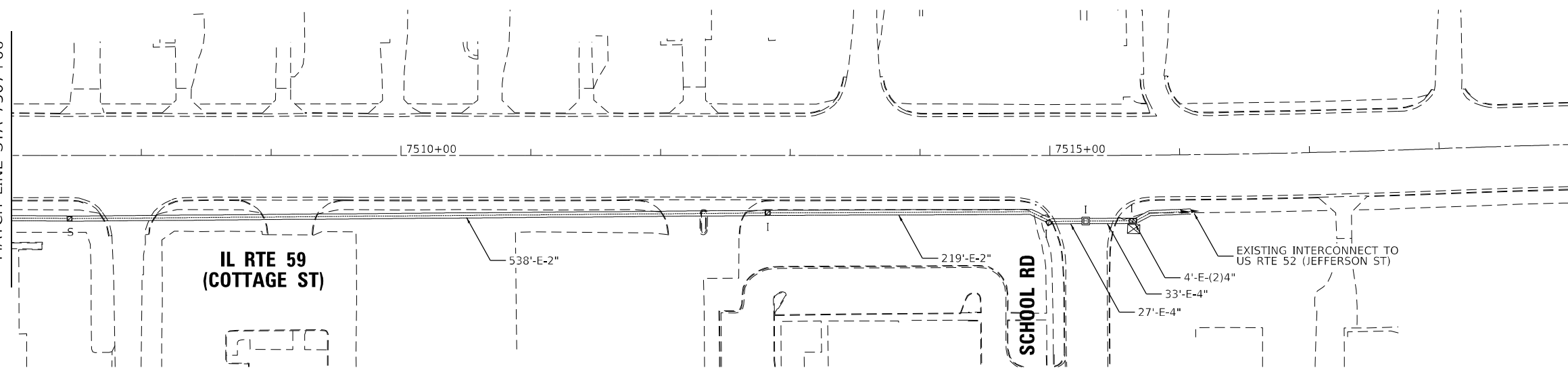


SEE ABOVE
MATCH LINE STA 7507+00

IL RTE 59
(COTTAGE ST)

SCHOOL RD

EXISTING INTERCONNECT TO
US RTE 52 (JEFFERSON ST)



TS SHT NO. 33

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| | | |
|------------------------------|--------------------|-------------|
| USER NAME = echol | DESIGNED - ECHOI | REVISED - |
| DRAWN - ECHOI | REVISIONS - | |
| PLOT SCALE = 100,0000' / in. | CHECKED - MGARVIDA | REVISIONS - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISIONS - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

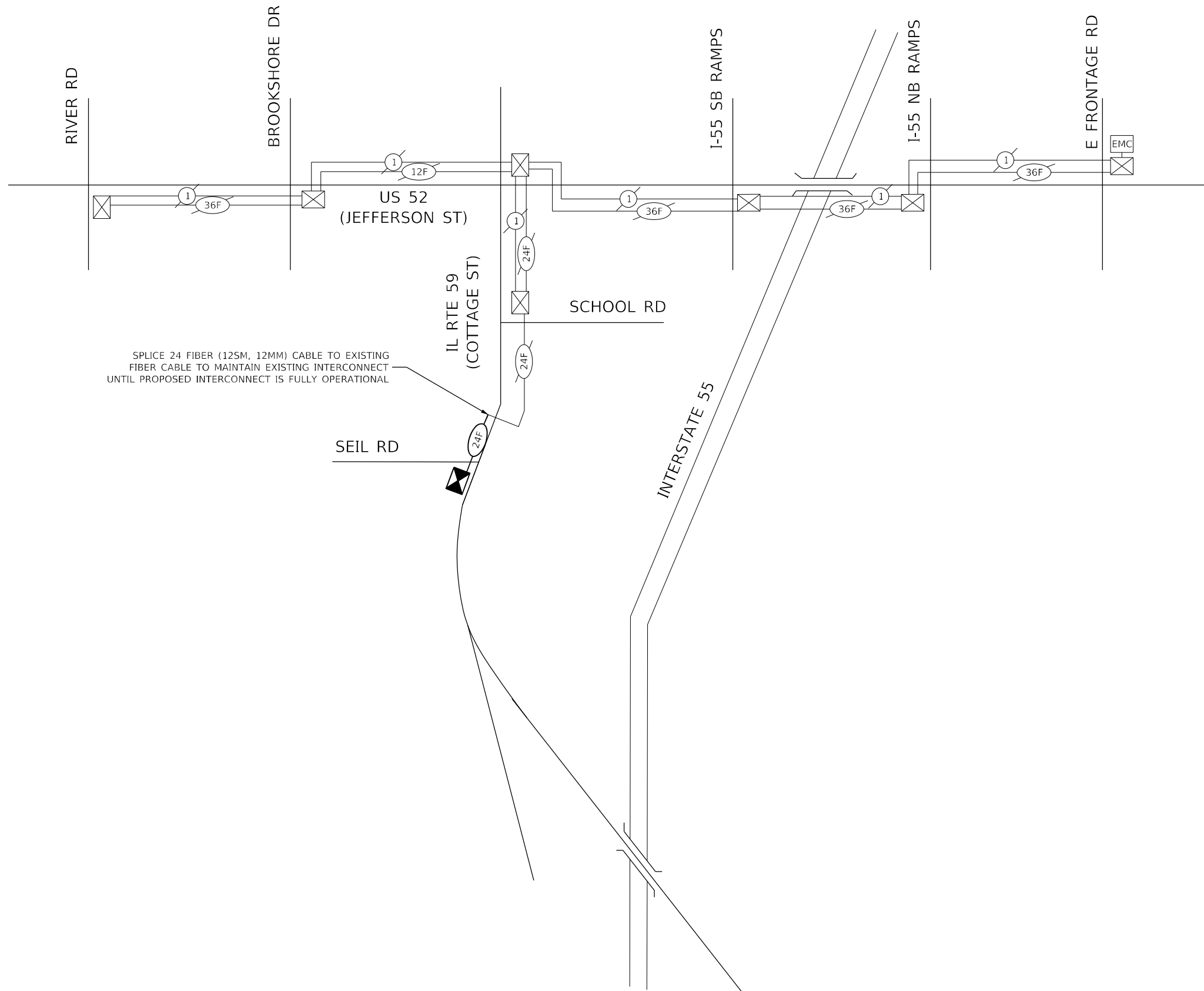
TEMPORARY INTERCONNECT PLAN (SHEET 2 OF 2)
IL RTE 59 (COTTAGE ST) - SEIL RD TO SCHOOL RD

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

| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| - | 2018-075-R | WILL | 1510 | 905 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

EAGLE 3D

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2022/01/27



SPlice 24 FIBER (12SM, 12MM) CABLE TO EXISTING FIBER CABLE TO MAINTAIN EXISTING INTERCONNECT UNTIL PROPOSED INTERCONNECT IS FULLY OPERATIONAL



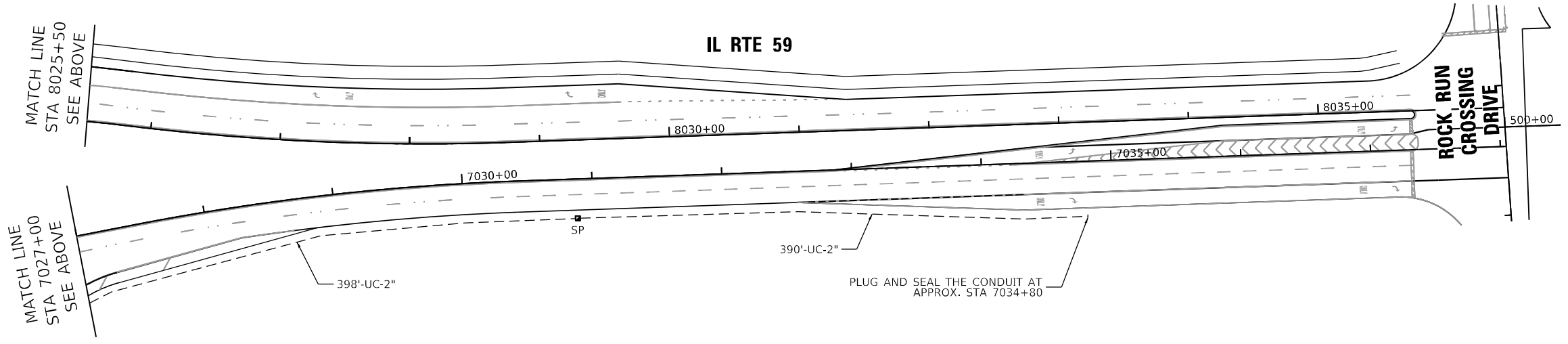
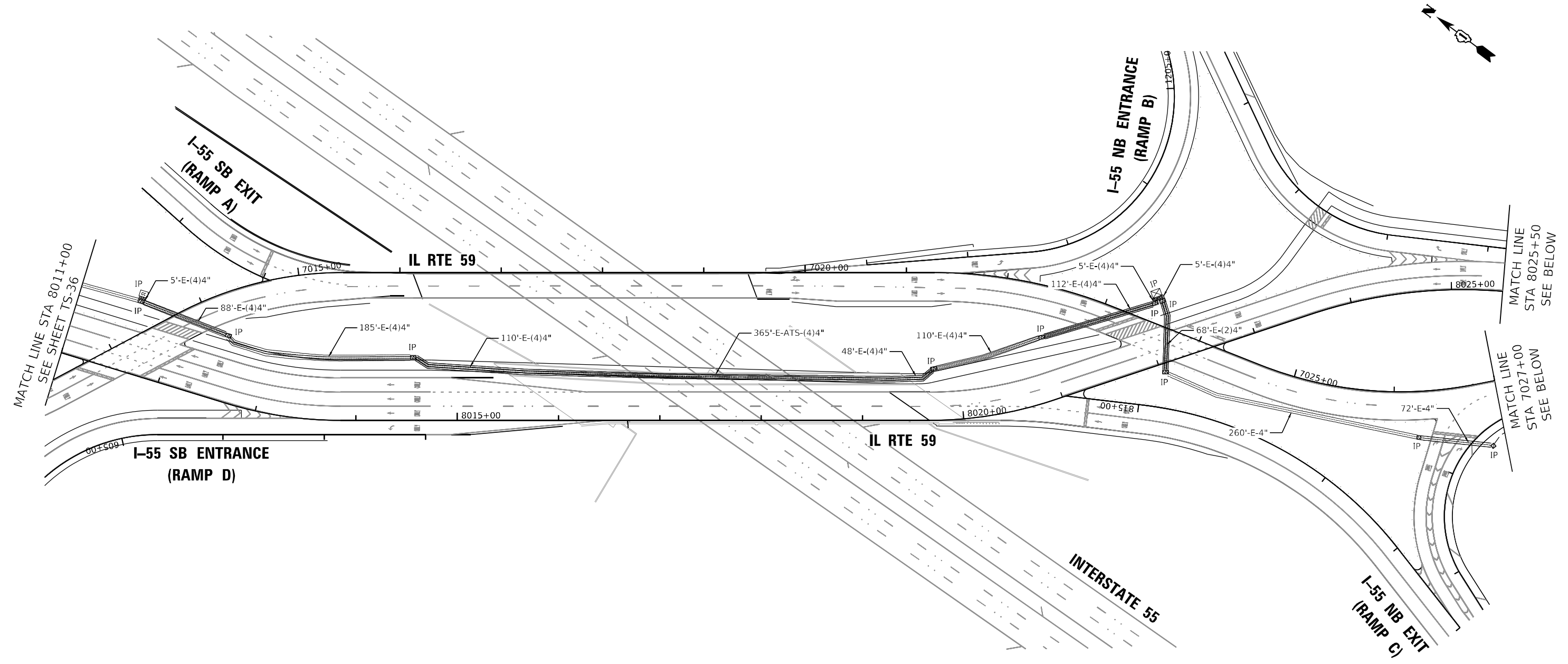
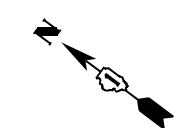
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|----------------------------|--------------------|-----------|
| USER NAME = echol | DESIGNED - ECHOI | REVISED - |
| | DRAWN - ECHOI | REVISED - |
| PLOT SCALE = 2,0000' / in. | CHECKED - MGARVIDA | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TEMPORARY INTERCONNECT SCHEMATIC
 IL RTE 59 FROM SEIL RD TO US RTE 52 AND
 US RTE 52 FROM RIVER RD TO E FRONTAGE RD**

SCALE: NTS SHEET OF SHEETS STA. TO STA.

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| - | 2018-075-R | WILL | 1510 | 906 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



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EAGLE 3D



| | | |
|------------------------------|--------------------|-----------|
| USER NAME = echol | DESIGNED - ECHOI | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - ECHOI | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - MGARVIDA | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

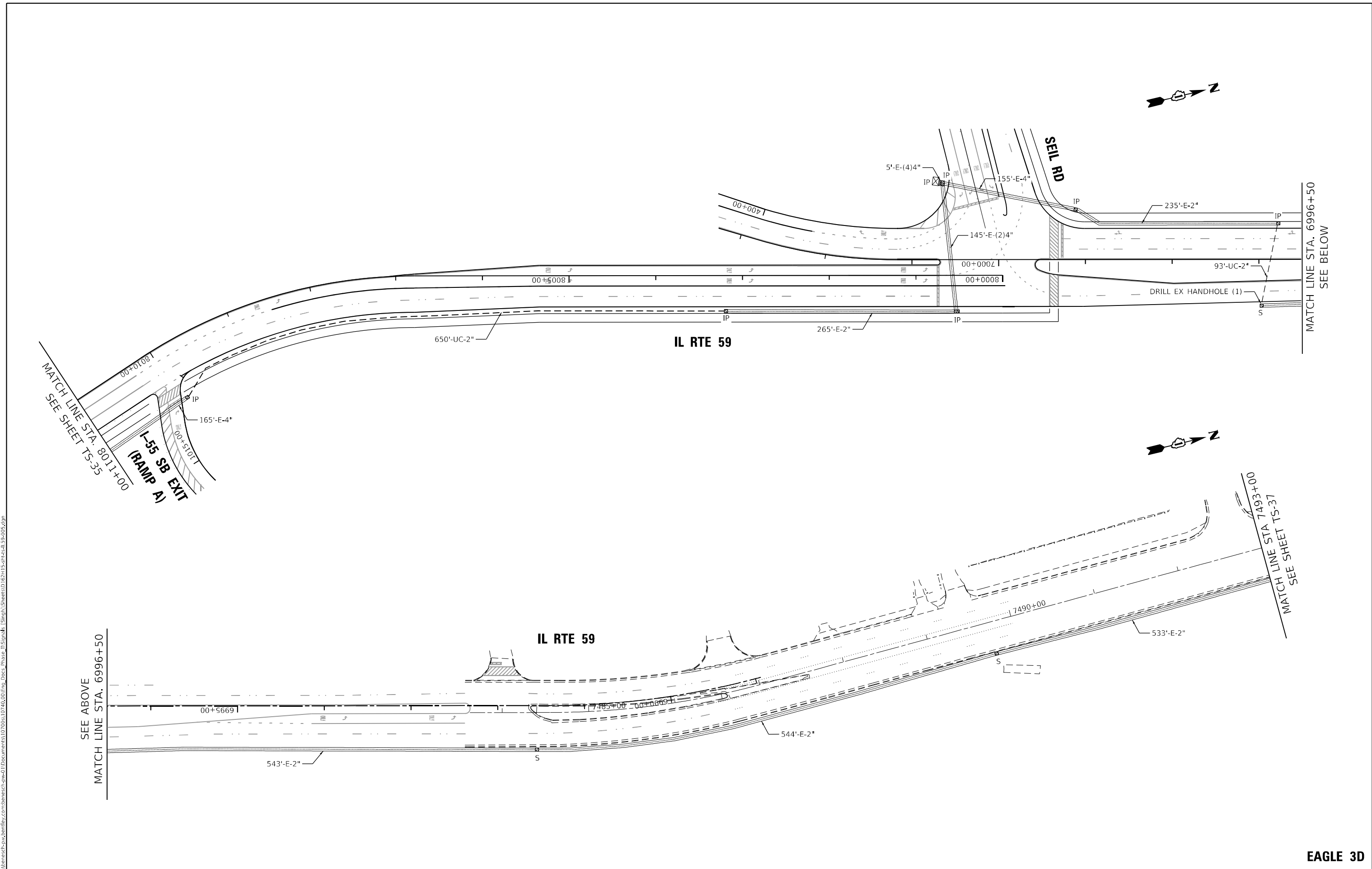
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT PLAN (SHEET 1 OF 3)
IL RTE 59 FROM I-55 TO SCHOOL RD

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

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 907 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

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55509
2022/03/27



MATCH LINE STA. 8011+00
SEE SHEET TS-35
I-55 SB EXIT
(RAMP A)

MATCH LINE STA. 6996+50
SEE BELOW

SEE ABOVE
MATCH LINE STA. 6996+50

MATCH LINE STA. 7493+00
SEE SHEET TS-37

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

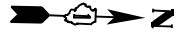
PROPOSED INTERCONNECT PLAN (SHEET 2 OF 3)
IL RTE 59 FROM I-55 TO SCHOOL RD

EAGLE 3D

| | | |
|------------------------------|--------------------|-----------|
| USER NAME = echol | DESIGNED - ECHOI | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - MGARVIDA | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

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

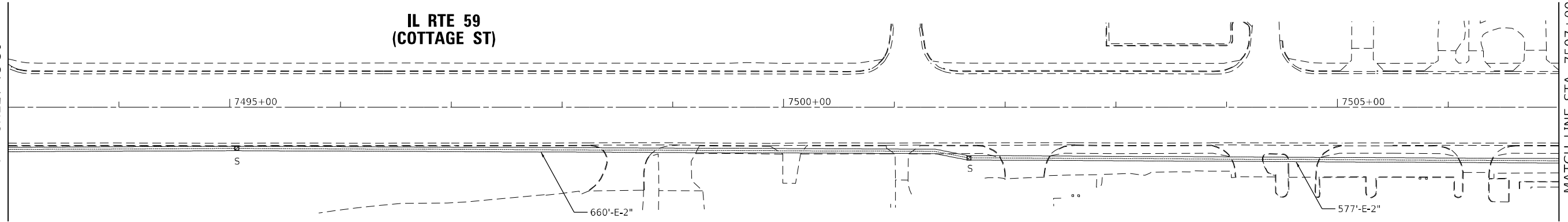
| F.A./IP RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| | 2018-075-R | WILL | 1510 | 908 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



MATCH LINE STA. 7493+00
SEE SHEET TS-36

**IL RTE 59
(COTTAGE ST)**

MATCH LINE STA. 7507+00
SEE BELOW

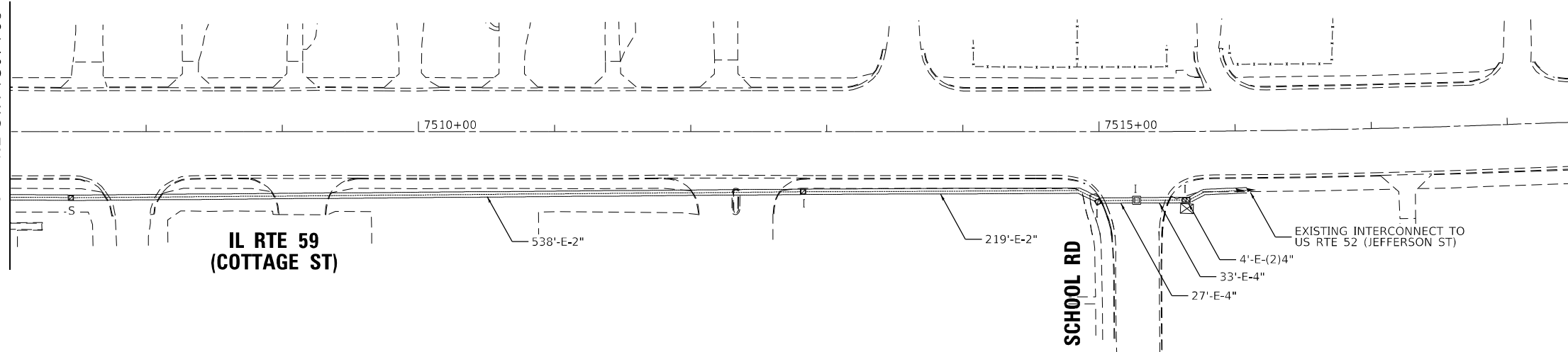


SEE ABOVE
MATCH LINE STA 7507+00

**IL RTE 59
(COTTAGE ST)**

SCHOOL RD

EXISTING INTERCONNECT TO
US RTE 52 (JEFFERSON ST)



TS SHT NO. 37

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| | | |
|------------------------------|--------------------|-----------|
| USER NAME = echol | DESIGNED - ECHOI | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - MGARVIDA | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

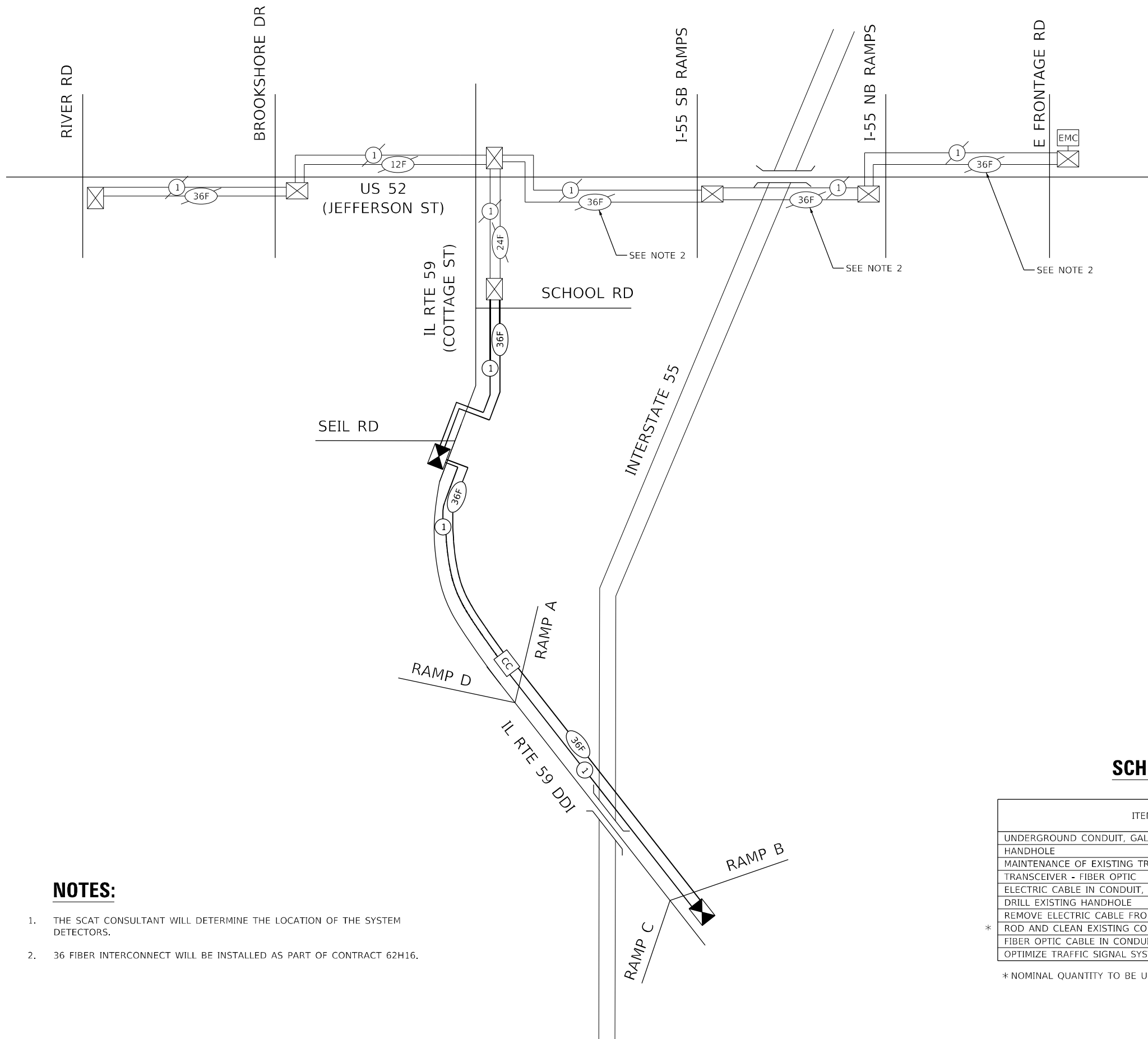
**PROPOSED INTERCONNECT PLAN (SHEET 3 OF 3)
IL RTE 59 FROM I-55 TO SCHOOL RD**

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

| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| - | 2018-075-R | WILL | 1510 | 909 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

EAGLE 3D

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2022/01/27



NOTES:

1. THE SCAT CONSULTANT WILL DETERMINE THE LOCATION OF THE SYSTEM DETECTORS.
2. 36 FIBER INTERCONNECT WILL BE INSTALLED AS PART OF CONTRACT 62H16.

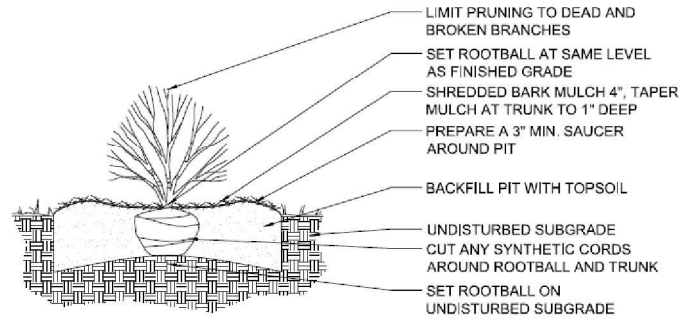
SCHEDULE OF QUANTITIES

| ITEM DESCRIPTION | UNITS | TOTAL QTY. |
|---|-------|------------|
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 1,531 |
| HANDHOLE | EACH | 1 |
| MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| TRANSCEIVER - FIBER OPTIC | EACH | 3 |
| ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C | FOOT | 6,740 |
| DRILL EXISTING HANDHOLE | EACH | 1 |
| REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 7,520 |
| ROD AND CLEAN EXISTING CONDUIT | FOOT | 3,395 |
| FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F | FOOT | 6,740 |
| OPTIMIZE TRAFFIC SIGNAL SYSTEM | EACH | 1 |

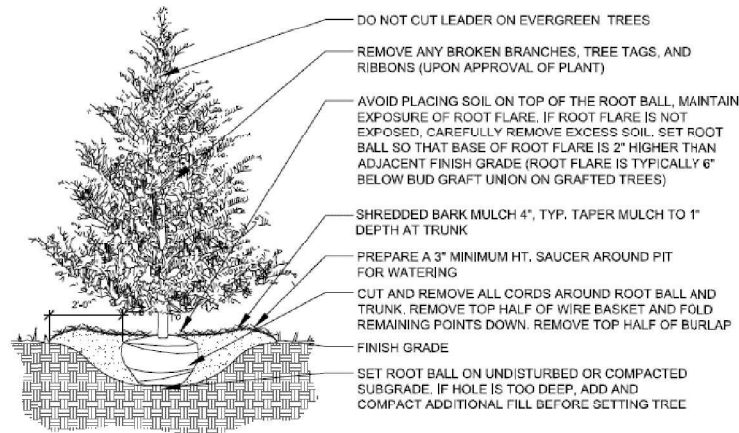
* NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY THE ENGINEER

LANDSCAPING NOTES

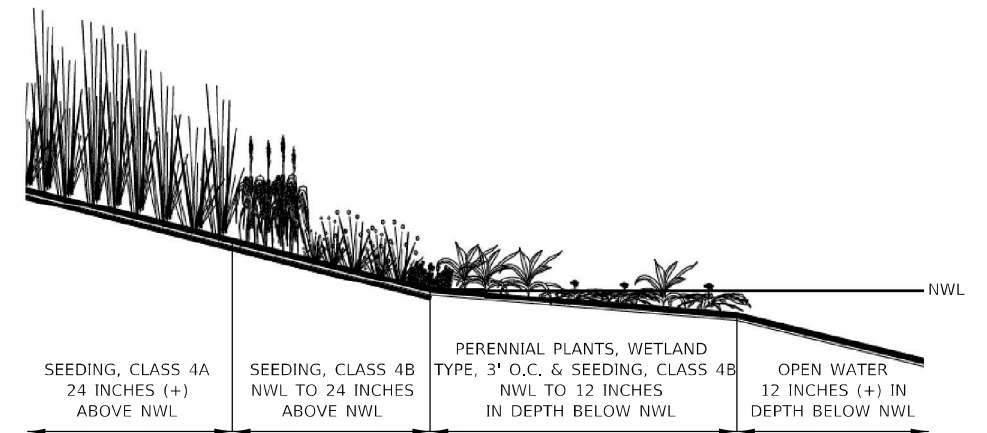
1. THE CONTRACTOR SHALL COORDINATE THE PLANTING, LANDSCAPING AND RESTORATION WORK WITH WORK BY THE GRADING CONTRACTOR AND OTHER UTILITY CONTRACTORS. THE RESTORATION AND PANTING WORK SHALL BE COMPLETED AS DIRECTED BY THE ENGINEER, NOTWITHSTANDING THE PLANTING RESTRICTIONS AS DESCRIBED IN THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS.
2. ALL PLANT MATERIAL NOT PLANTED ACCORDING TO THE SPECIFIED SEASONAL DATE SHALL REQUIRE PRIOR WRITTEN APPROVAL FROM THE ENGINEER. FAILURE TO SECURE SUCH APPROVAL WILL RESULT IN REJECTION OF THE PLANT MATERIAL AND THE REPLACEMENT SHALL BE AT NO ADDITIONAL COST TO THE CONTRACT.
3. ALL WORK SHALL BE IN ACCORDANCE WITH SECTIONS 253 AND 254 OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS AND THE DETAILS SHOWN ON THE PLANS. THE CONTRACTOR SHALL FURNISH THE INITIAL WATERING AND ALL ADDITIONAL WATERING DURING THE PERIOD OF ESTABLISHMENT.
4. THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND DEPTH OF ANY UNDERGROUND UTILITIES PRIOR TO EXCAVATION OR CONSTRUCTION.
5. THE CONTRACTOR SHALL FOLLOW THE PLANTING PLANS AND MAY ADJUST LOCATIONS TO FIT FIELD CONDITIONS, BUT SHALL NOT INSTALL TREES DIRECTLY ABOVE ANY MAJOR DRAINAGE CULVERTS OR TRUNK LINES.
6. THE CONTRACTOR SHALL SCHEDULE PLANT MATERIAL TO KEEP UP WITH THE PLANTING OPERATION. IF PLANTINGS ARE NOT PLANTED IMMEDIATELY AFTER DELIVERY TO THE JOB SITE, THE CONTRACTOR SHALL HARBOR THE PLANTINGS AS DESCRIBED IN ARTICLE 253.06 OF THE STANDARD SPECIFICATIONS FOR TEMPORARY STORAGE.
7. REFER TO THE ASSUMED EXISTING TOPSOIL THICKNESS PLANS FOR THE ESTIMATED DEPTH OF TOPSOIL TO BE STRIPPED. THE ACTUAL NEED FOR TOPSOIL REMOVAL SHOULD BE DETERMINED IN THE FIELD BY THE ENGINEER. ALL TOPSOIL STRIPPED SHALL BE STOCKPILED, SORTED, AND REUSED FOR THE PURPOSE OF LANDSCAPING IMPROVEMENTS. REFER TO THE PROPOSED TOPSOIL THICKNESS PLANS FOR TOPSOIL DEPTHS AND LOCATIONS.
8. NITROGEN FERTILIZER AND POTASSIUM FERTILIZER SHALL BE APPLIED AT A RATE OF 90 LB/ACRE TO AREAS WITH SEEDING CLASS 1A AND 2A, PER THE STANDARD SPECIFICATIONS, OR AS DIRECTED BY THE ENGINEER. NO FERTILIZER SHALL BE REQUIRED FOR SEEDING CLASSES 4, 4A, OR 4B.
9. PHOSPHOROUS FERTILIZER SHALL NOT BE APPLIED DUE TO THE CLOSE PROXIMITY TO THE DUPAGE RIVER.
10. CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING FORESTRY AND LANDSCAPE WORK TO CONFIRM LAYOUT.



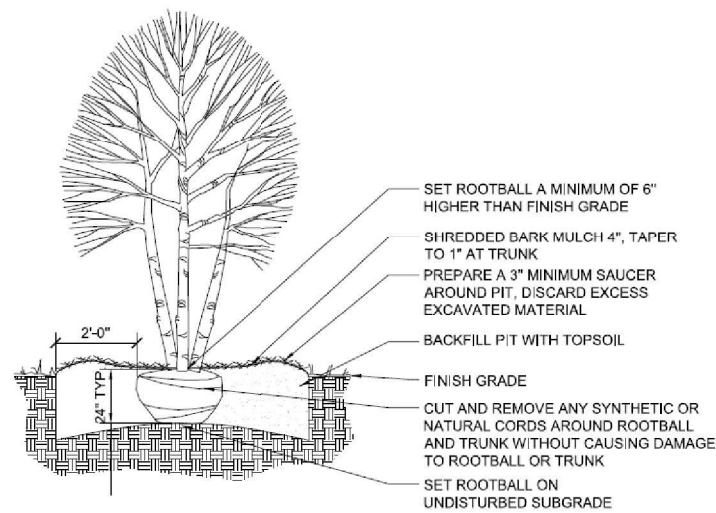
SHRUB PLANTING



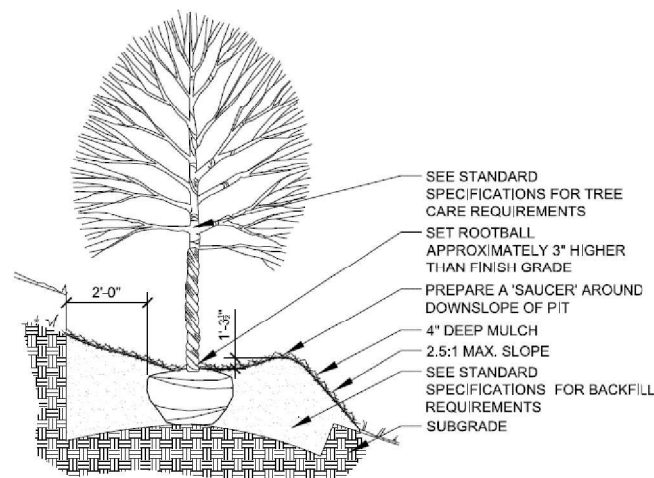
EVERGREEN TREE PLANTING



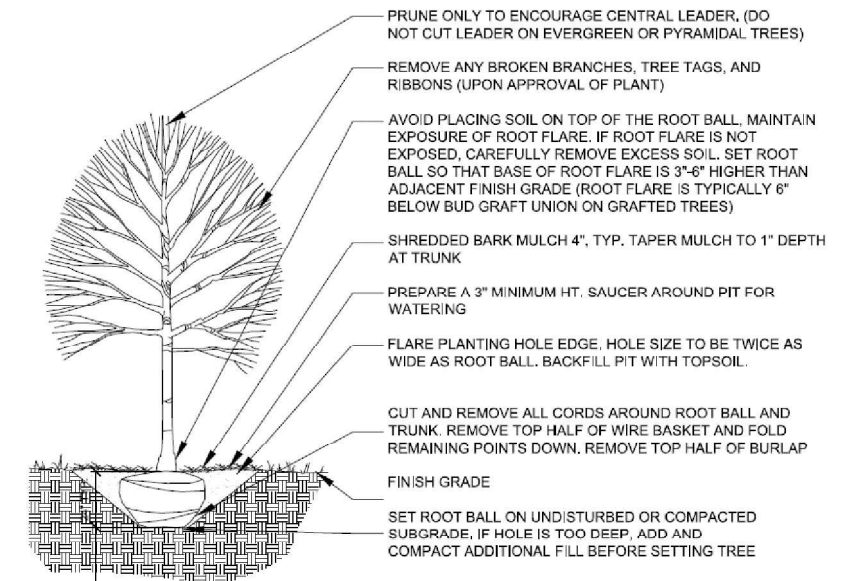
DETENTION BASIN PLANTING



ORNAMENTAL TREE PLANTING



SHADE TREE PLANTING – SLOPE



SHADE TREE PLANTING

MODEL: Default; FILE: thomas; PROJECT: submittal; DRAWING: 01; DOCUMENT: 10; DATE: 10/14/2022; USER: vince; COMPANY: thomas engineering group; PROJECT: 2018-075-R; SHEET: 1510; DATE: 3/10/2022



| | | |
|-----------------------------|-----------------------|-----------|
| USER NAME = vinceM | DESIGNED - KYLES MITH | REVISED - |
| PLOT SCALE = 20,0000' / in. | DRAWN - JHAITSMA | REVISED - |
| PLOT DATE = 3/10/2022 | CHECKED - VMICEK | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
GENERAL NOTES**

| | | | | | |
|--------|-------|----|--------|----------|---------------|
| SCALE: | SHEET | OF | SHEETS | STA. Sta | TO STA. ToSta |
|--------|-------|----|--------|----------|---------------|

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| * | 2018-075-R | WILL | 1510 | 911 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

SCHEDULE OF LANDSCAPE QUANTITIES

| PAY ITEM | DESCRIPTION | UNIT | TOTAL | LANDSCAPE PLAN SHEET NUMBER | | | | | | | | | | | |
|----------|---|------|-------|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|
| | | | | SHEET 1 | SHEET 2 | SHEET 3 | SHEET 4 | SHEET 5 | SHEET 6 | SHEET 7 | SHEET 8 | SHEET 9 | SHEET 10 | SHEET 11 | SHEET 12 |
| A2000214 | TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 1-3/4" CALIPER, BALLED AND BURLAPPED | EACH | 11 | | | | 8 | | | | | | | | 3 |
| A2001612 | TREE, ACER SACCHARINUM MORTON (CRESCENDO SUGAR MAPLE), 2" CALIPER, BALLED AND BURLAPPED | EACH | 18 | | | | | | | 5 | | 6 | 7 | | |
| A2002008 | TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED | EACH | 14 | | 5 | | 3 | | | | 3 | 3 | | | |
| A2002370 | TREE, BETULA NIGRA (RIVER BIRCH), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED | EACH | 55 | 11 | 5 | | 7 | | | 14 | | 13 | 5 | | |
| A2002514 | TREE, CARPINUS CAROLINIANA (AMERICAN HORNBEAM), 1-3/4" CALIPER, BALLED AND BURLAPPED | EACH | 3 | | | | | | | | | | | | 3 |
| A2002608 | TREE, CARYA CORDIFORMIS (BITTERNUT HICKORY), 1" CALIPER, BALLED AND BURLAPPED | EACH | 5 | | | | | | | | | 5 | | | |
| A2002814 | TREE, CATALPA SPECIOSA (NORTHERN CATALPA), 1-3/4" CALIPER, BALLED AND BURLAPPED | EACH | 18 | | | 9 | 9 | | | | | | | | |
| A2002917 | TREE, CELTIS OCCIDENTALIS ULZAM (ULTRA COMMON HACKBERRY), 2" CALIPER, BALLED AND BURLAPPED | EACH | 27 | | 10 | | | | | | 6 | 11 | | | |
| A2004616 | TREE, GLEDITSIA TRIACANTHOS INERMIS (THORNLESS COMMON HONEYLOCUST), 2" CALIPER, BALLED AND BURLAPPED | EACH | 20 | | 6 | | | | | | 2 | 12 | | | |
| A2005016 | TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2" CALIPER, BALLED AND BURLAPPED | EACH | 38 | | 10 | | 7 | | | | 5 | 15 | | | 1 |
| A2005956 | TREE, PLATANUS X ACERIFOLIA MORTON CIRCLE (EXCLAMATION LONDON PLANETREE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED | EACH | 31 | | 7 | 3 | | | | 16 | | | | | |
| A2006414 | TREE, QUERCUS ALBA (WHITE OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED | EACH | 22 | | 12 | | 3 | | | 3 | | | | | 4 |
| A2006512 | TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 1-1/2" CALIPER, BALLED AND BURLAPPED | EACH | 35 | 9 | 7 | | | | | 7 | 5 | 7 | | | |
| A2006612 | TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 1-1/2" CALIPER, BALLED AND BURLAPPED | EACH | 27 | | | | | | | 20 | 7 | | | | |
| A2006712 | TREE, QUERCUS MACROCARPA (BUR OAK), 1-1/2" CALIPER, BALLED AND BURLAPPED | EACH | 25 | | 10 | 1 | 0 | | | | | 6 | | | |
| A2006812 | TREE, QUERCUS MUEHLENBERGII (CHINKAPIN OAK), 1.5" CALIPER, BALLED AND BURLAPPED | EACH | 15 | | | | 7 | | | | | | 8 | | |
| A2007620 | TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED | EACH | 25 | | 11 | 7 | | | | | | | 7 | | |
| A2007817 | TREE, TILIA AMERICANA MCKSENTRY (AMERICAN SENTRY LINDEN), 2" CALIPER, BALLED AND BURLAPPED | EACH | 15 | | 10 | | 5 | | | | | | | | |
| A2007870 | TREE, TILIA AMERICANA (AMERICAN LINDEN/ BASSWOOD), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED | EACH | 18 | | | | | | | | | 8 | | | 10 |
| A2012116 | TREE, AESCULUS X AUTUMN SPLENDOR (AUTUMN SPLENDOR BUCKEYE), 2" CALIPER, BALLED AND BURLAPPED | EACH | 15 | | 10 | | | | | | | | 5 | | |
| A2016614 | TREE, QUERCUS ELLIPSOIDALIS (HILL'S OAK), 1-3/4" CALIPER, BALLED AND BURLAPPED | EACH | 26 | | 11 | | | 15 | | | | | | | |
| B2000562 | TREE, AMELANCHIER CANADENSIS (SHADBLow SERVICEBERRY), 4' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED | EACH | 10 | | | | | | | 10 | | | | | |
| B2001664 | TREE, CRATAEGUS CRUSGALLI INERMIS (THORNLESS COCKSPUR HAWTHORN), 5' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED | EACH | 5 | | | | | | | | 5 | | | | |
| C2003348 | SHRUB, HAMAMELIS VIRGINIANA (COMMON WITCHHAZEL), 4' HEIGHT, BALLED AND BURLAPPED | EACH | 20 | | | | | | | | | | | | 20 |
| C2C04524 | SHRUB, MYRICA PENNSYLVANICA (BAYBERRY), 2' HEIGHT, CONTAINER | EACH | 700 | | 350 | | | | | | | | 350 | | |
| C2C05718 | SHRUB, RHUS AROMATICA (FRAGRANT SUMAC), 18" WIDTH, CONTAINER | EACH | 385 | | | 250 | | | | | | | 60 | | 75 |
| C2C05936 | SHRUB, RHUS GLABRA (SMOOTH SUMAC), 3' HEIGHT, CONTAINER | EACH | 390 | | | | | 350 | | 40 | | | | | |
| C2C077G5 | SHRUB, ROSA RUGOSA FRAU DAGMAR HARTOPP (FRAU DAGMAR HASTRUP RUGOSA ROSE), CONTAINER GROWN, 5-GALLON | EACH | 150 | | 150 | | | | | | | | | | |
| C2C09636 | SHRUB, SAMBUCUS CANADENSIS (AMERICAN ELDER), 3' HEIGHT, CONTAINER | EACH | 40 | | | | | | | | 40 | | | | |
| D2001715 | EVERGREEN, JUNIPERUS VIRGINIANA TAYLOR (TAYLOR RED CEDAR), 6' HEIGHT, BALLED AND BURLAPPED | EACH | 35 | | | | | 20 | | 15 | | | | | |
| D2001760 | EVERGREEN, PICEA ABIES (NORWAY SPRUCE), 5' HEIGHT, BALLED AND BURLAPPED | EACH | 63 | | 5 | | | 14 | | 5 | | | 39 | | |
| D2001960 | EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 5' HEIGHT, BALLED AND BURLAPPED | EACH | 33 | | 14 | | | | | | | | 19 | | |
| D2002348 | EVERGREEN, PINUS FLEXILIS (LIMBER PINE), 4' HEIGHT, BALLED AND BURLAPPED | EACH | 31 | | 16 | | | 3 | | | | | 12 | | |
| D2002948 | EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 4' HEIGHT, BALLED AND BURLAPPED | EACH | 10 | | | | | | | | | | | | 10 |
| D2003776 | EVERGREEN, THUJA OCCIDENTALIS SMARAGD (EMERALD GREEN AMERICAN ARBORVITAE), 5' HEIGHT, BALLED AND BURLAPPED | EACH | 185 | | | | | | | | | | | 35 | 150 |
| E20210G1 | VINE-PARTHENOCISSUS QUINQUEFOLIA ENGEL MANNII (ENGELMANNII VIRGINIA CREEPER), 1-GALLON POT | EACH | 1,664 | | 60 | | | 180 | 1,018 | 106 | | | 165 | | 75 |
| K0012990 | PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT | UNIT | 5 | | 5 | | | | | | | | | | |
| K0013030 | PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG | UNIT | 389 | | | | | | | | | | | | |

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 5/12/11
 2012/11/30

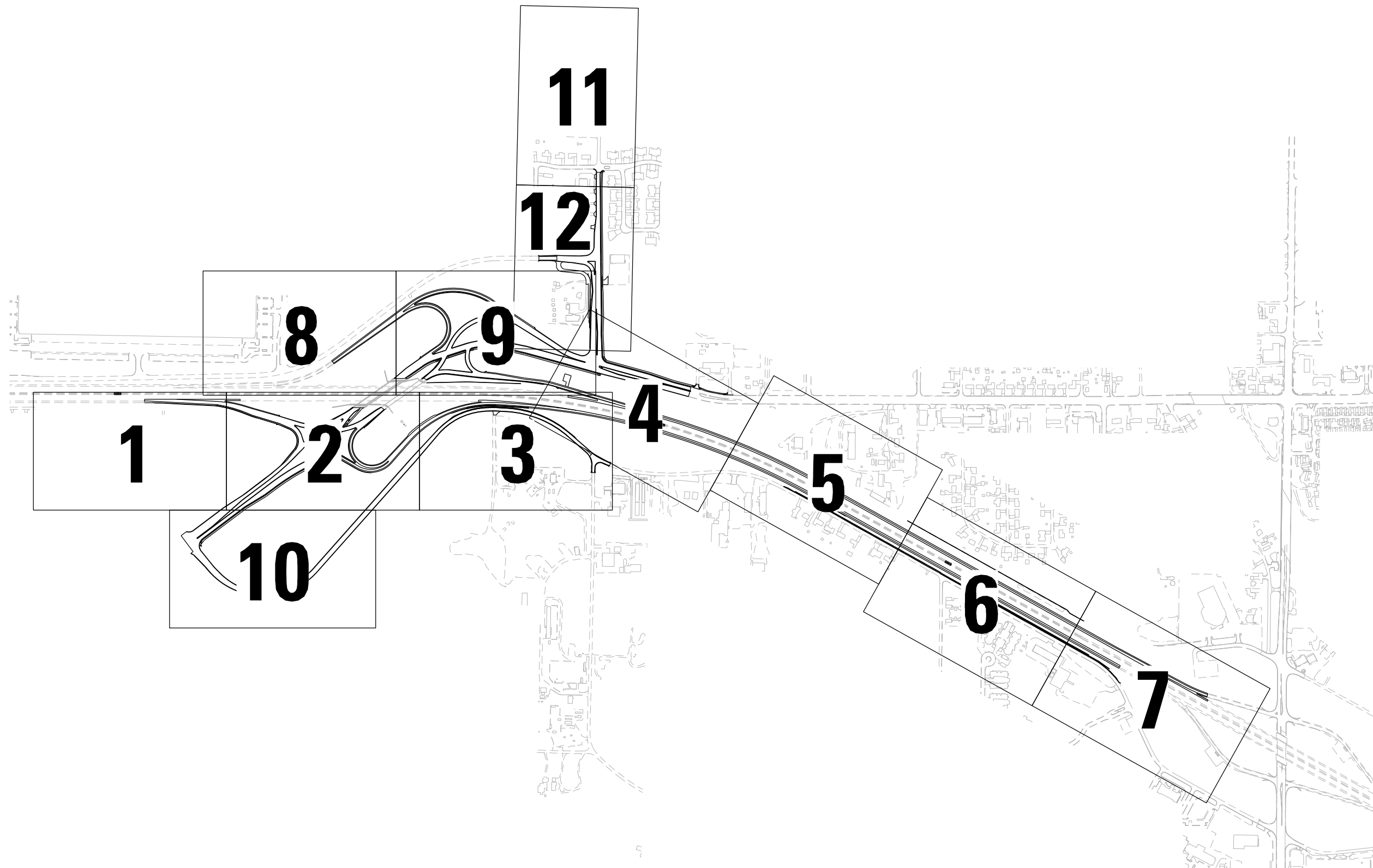


| | | |
|---------------------------|----------------------|-----------|
| USER NAME = VinceM | DESIGNED - KYLESMITH | REVISED - |
| PLOT SCALE = 2,000' / in. | DRAWN - JHAITSMA | REVISED - |
| PLOT DATE = 3/10/2022 | CHECKED - VMICEK | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|---|----------|---------|--------|
| SCHEDULE OF QUANTITIES LANDSCAPING | | | |
| SCALE: | SHEET | OF | SHEETS |
| | STA. Sta | TO STA. | ToSta |

| | | | | |
|--------------------|------------|---------------------------|--------------|-----------|
| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| * | 2018-075-R | WILL | 1510 | 912 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 | | ILLINOIS FED. AID PROJECT | | |



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thomas
engineering group
service of the highest grade.

| |
|------------------------------|
| USER NAME = VinceM |
| PLOT SCALE = 800,0000' / in. |
| PLOT DATE = 3/10/2022 |

| |
|----------------------|
| DESIGNED - KYLESMITH |
| DRAWN - JHAITSMA |
| CHECKED - VMICEK |
| DATE - 03/16/2022 |

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| REVISED - |
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| REVISED - |

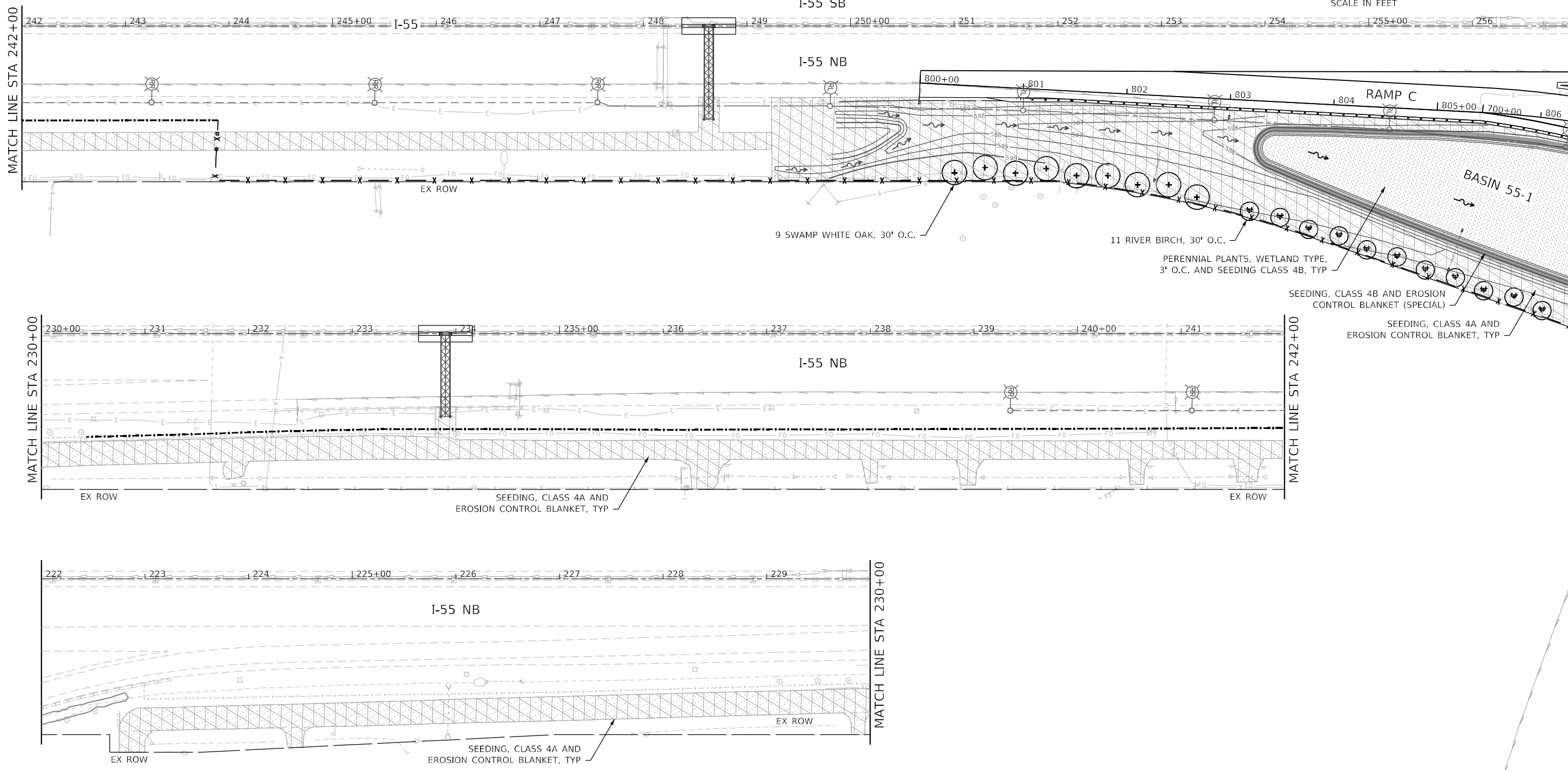
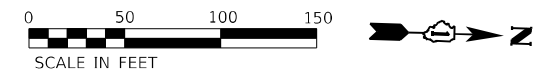
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERALL LANDSCAPING PLAN
KEY MAP**

| | | | | | |
|------------|-------|----|--------|----------|---------------|
| SCALE: NTS | SHEET | OF | SHEETS | STA. Sta | TO STA. ToSta |
|------------|-------|----|--------|----------|---------------|

| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| * | 2018-075-R | WILL | 1510 | 913 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

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51261
2012/11/30



| LANDSCAPING LEGEND | | | |
|--------------------|--|--|---------------------------|
| | SEEDING, CLASS 1A AND EROSION CONTROL BLANKET | | PR ORNAMENTAL TREE |
| | SEEDING, CLASS 2A AND EROSION CONTROL BLANKET | | PR SHADE TREE, CLUMP FORM |
| | SEEDING, CLASS 4 AND EROSION CONTROL BLANKET | | PR SHADE TREE |
| | SEEDING, CLASS 4A AND HEAVY DUTY EROSION CONTROL BLANKET | | PR EVERGREEN TREE |
| | SEEDING, CLASS 4B AND EROSION CONTROL BLANKET (SPECIAL) | | PR SHRUBS AND MULCH BED |
| | PERENNIAL PLANTS, WETLAND TYPE 3' O.C. AND SEEDING, CLASS 4B | | |
| | PR PERENNIAL PLANTS | | |
| | PR PERENNIAL PLANTS COARSE SAND PLACEMENT, 4" | | |

MATCH LINE SEE LANDSCAPING PLAN SHEET 10

MATCH LINE SEE LANDSCAPING PLAN SHEET 2

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51261
2012/11/30



| | | |
|------------------------------|----------------------|-----------|
| USER NAME = VinceM | DESIGNED - KYLESMITH | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - JHAITSMA | REVISED - |
| PLOT DATE = 3/10/2022 | CHECKED - VMICEK | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

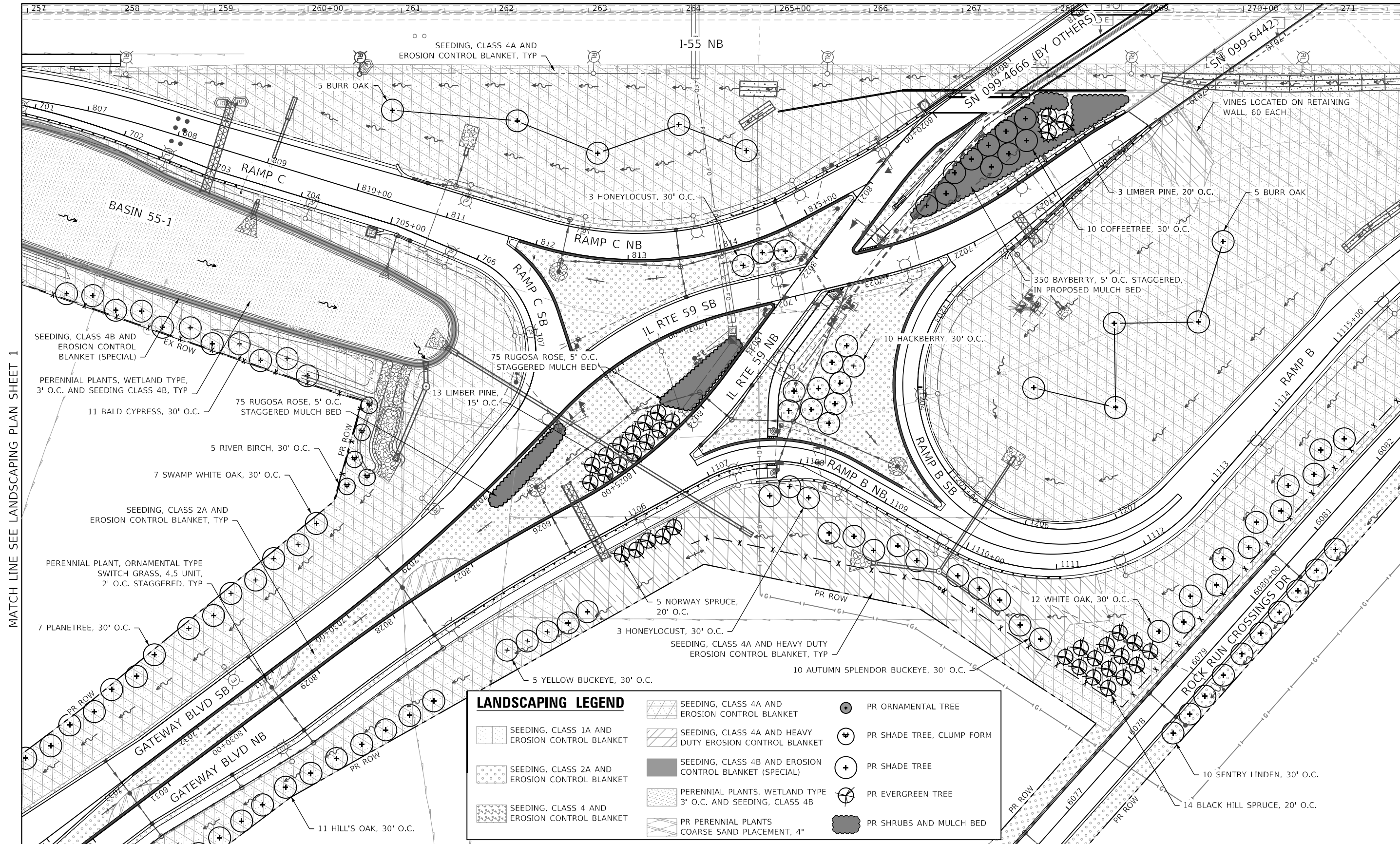
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
SHEET 1 OF 12**

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

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 914 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

MATCH LINE SEE LANDSCAPING PLAN SHEET 8



MATCH LINE SEE LANDSCAPING PLAN SHEET 1

MATCH LINE SEE LANDSCAPING PLAN SHEET 3

| LANDSCAPING LEGEND | | | |
|--------------------|--|--|---------------------------|
| | SEEDING, CLASS 1A AND EROSION CONTROL BLANKET | | PR ORNAMENTAL TREE |
| | SEEDING, CLASS 2A AND EROSION CONTROL BLANKET | | PR SHADE TREE, CLUMP FORM |
| | SEEDING, CLASS 4 AND EROSION CONTROL BLANKET | | PR SHADE TREE |
| | SEEDING, CLASS 4A AND EROSION CONTROL BLANKET | | PR EVERGREEN TREE |
| | SEEDING, CLASS 4B AND EROSION CONTROL BLANKET (SPECIAL) | | PR SHRUBS AND MULCH BED |
| | PERENNIAL PLANTS, WETLAND TYPE 3' O.C. AND SEEDING, CLASS 4B | | |
| | PR PERENNIAL PLANTS COARSE SAND PLACEMENT, 4" | | |
| | SEEDING, CLASS 4A AND HEAVY DUTY EROSION CONTROL BLANKET | | |

MATCH LINE SEE LANDSCAPING PLAN SHEET 10

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| | | |
|------------------------------|-----------------------|-----------|
| USER NAME = Vincem | DESIGNED - KYLES MITH | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - JHAITSMA | REVISED - |
| PLOT DATE = 3/10/2022 | CHECKED - VMICEK | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

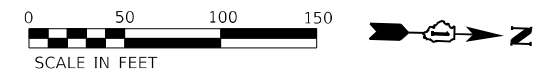
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
SHEET 2 OF 12**

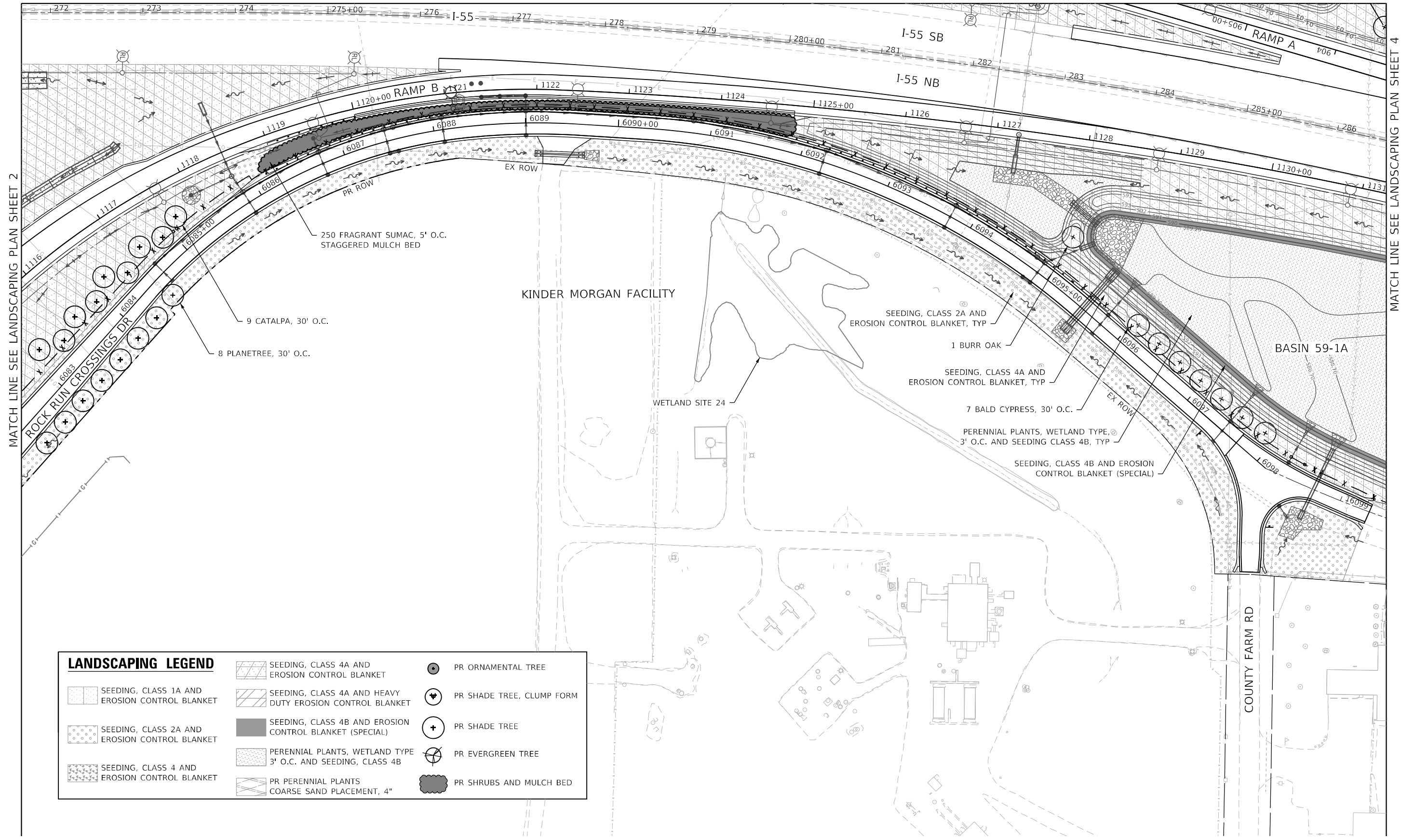
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| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 915 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

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51261
2012/11/30



MATCH LINE SEE LANDSCAPING PLAN SHEET 9



MATCH LINE SEE LANDSCAPING PLAN SHEET 2

MATCH LINE SEE LANDSCAPING PLAN SHEET 4

| LANDSCAPING LEGEND | | | |
|--------------------|--|--|---------------------------|
| | SEEDING, CLASS 1A AND EROSION CONTROL BLANKET | | PR ORNAMENTAL TREE |
| | SEEDING, CLASS 2A AND EROSION CONTROL BLANKET | | PR SHADE TREE, CLUMP FORM |
| | SEEDING, CLASS 4 AND EROSION CONTROL BLANKET | | PR SHADE TREE |
| | SEEDING, CLASS 4A AND EROSION CONTROL BLANKET | | PR EVERGREEN TREE |
| | SEEDING, CLASS 4B AND EROSION CONTROL BLANKET (SPECIAL) | | PR SHRUBS AND MULCH BED |
| | PERENNIAL PLANTS, WETLAND TYPE 3' O.C. AND SEEDING, CLASS 4B | | |
| | PR PERENNIAL PLANTS COARSE SAND PLACEMENT, 4" | | |

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|------------------------------|----------------------|-----------|
| USER NAME = VinceM | DESIGNED - KYLESMITH | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - JHAITSMA | REVISED - |
| PLOT DATE = 3/10/2022 | CHECKED - VMICEK | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN
SHEET 3 OF 12

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

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 916 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

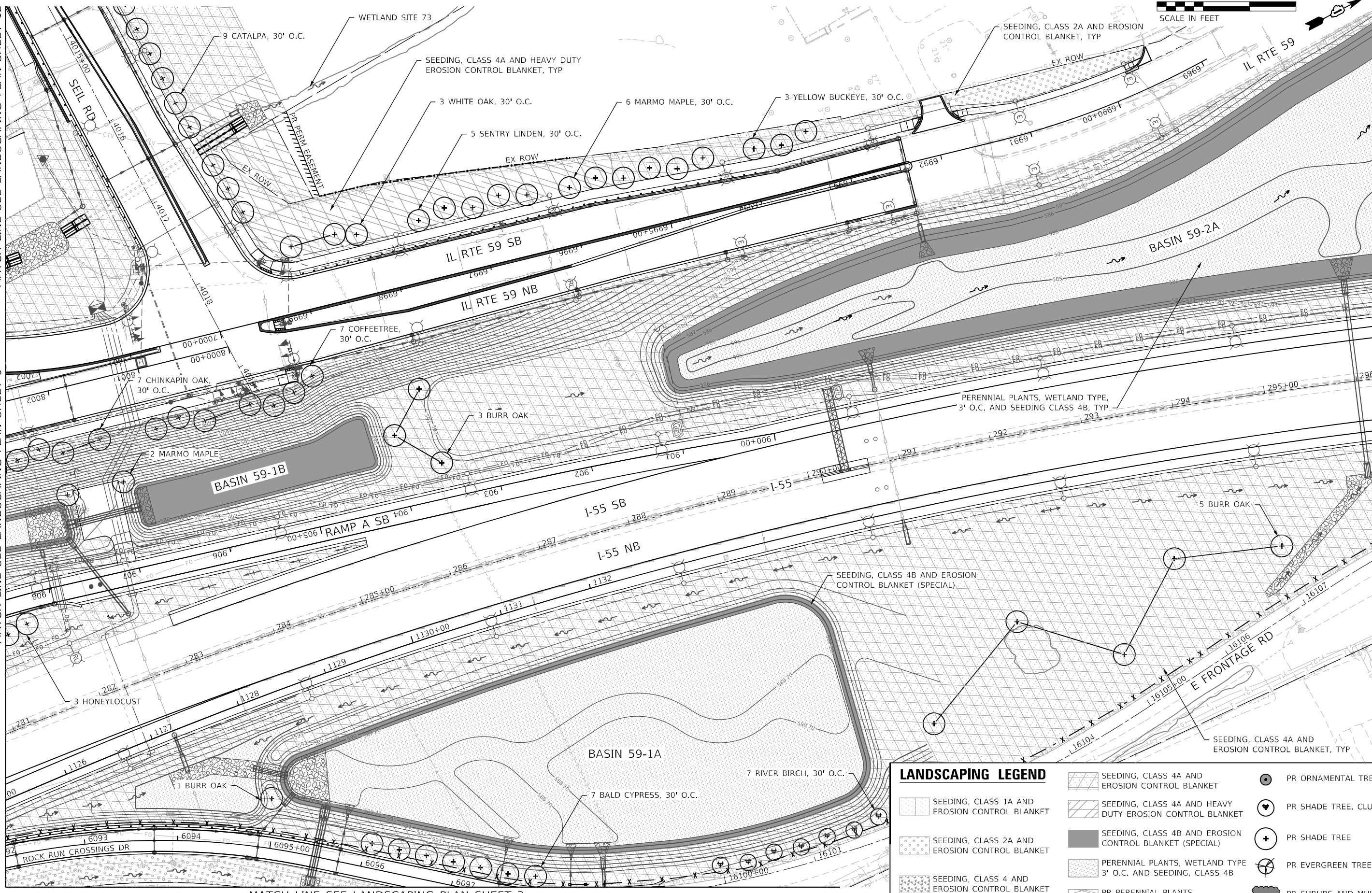
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51261
2012/11/30



MATCH LINE SEE LANDSCAPING PLAN SHEET 12

MATCH LINE SEE LANDSCAPING PLAN SHEET 9

MATCH LINE SEE LANDSCAPING PLAN SHEET 5



MATCH LINE SEE LANDSCAPING PLAN SHEET 3

| LANDSCAPING LEGEND | |
|--------------------|--|
| | SEEDING, CLASS 1A AND EROSION CONTROL BLANKET |
| | SEEDING, CLASS 2A AND EROSION CONTROL BLANKET |
| | SEEDING, CLASS 4 AND EROSION CONTROL BLANKET |
| | SEEDING, CLASS 4A AND HEAVY DUTY EROSION CONTROL BLANKET |
| | SEEDING, CLASS 4B AND EROSION CONTROL BLANKET (SPECIAL) |
| | PERENNIAL PLANTS, WETLAND TYPE 3' O.C. AND SEEDING, CLASS 4B |
| | PR PERENNIAL PLANTS COARSE SAND PLACEMENT, 4" |
| | PR ORNAMENTAL TREE |
| | PR SHADE TREE, CLUMP FORM |
| | PR SHADE TREE |
| | PR EVERGREEN TREE |
| | PR SHRUBS AND MULCH BED |

MODEL: Default
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PROJECT: 62H15-landscaping-001-000.dwg
DATE: 03/16/2022
DRAWN: JHAITSMA
CHECKED: VMICEK
DESIGNED: KYLESMITH
REVISED: -
SCALE: 1" = 50'
SHEET 4 OF 12
COUNTY: WILL
SECTION: 2018-075-R
TOTAL SHEETS: 1510
SHEET NO.: 917
CONTRACT NO.: 62H15



| | | |
|------------------------------|----------------------|-----------|
| USER NAME = VinceM | DESIGNED - KYLESMITH | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - JHAITSMA | REVISED - |
| PLOT DATE = 3/10/2022 | CHECKED - VMICEK | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
SHEET 4 OF 12**

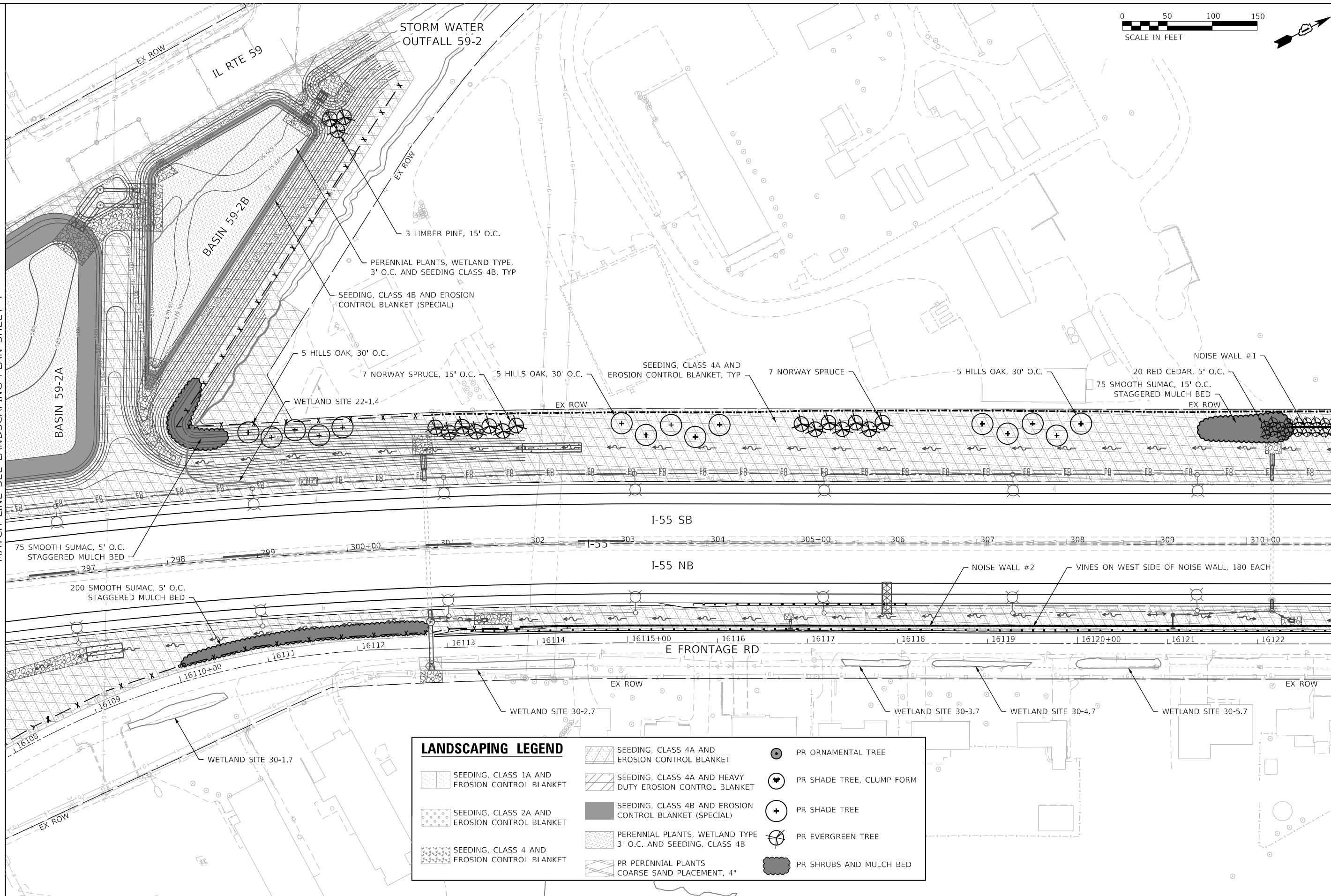
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 917 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



MATCH LINE SEE LANDSCAPING PLAN SHEET 4

MATCH LINE SEE LANDSCAPING PLAN SHEET 6



| LANDSCAPING LEGEND | |
|--------------------|--|
| | SEEDING, CLASS 4A AND EROSION CONTROL BLANKET |
| | SEEDING, CLASS 1A AND EROSION CONTROL BLANKET |
| | SEEDING, CLASS 2A AND EROSION CONTROL BLANKET |
| | SEEDING, CLASS 4 AND EROSION CONTROL BLANKET |
| | SEEDING, CLASS 4A AND HEAVY DUTY EROSION CONTROL BLANKET |
| | SEEDING, CLASS 4B AND EROSION CONTROL BLANKET (SPECIAL) |
| | PERENNIAL PLANTS, WETLAND TYPE 3' O.C. AND SEEDING, CLASS 4B |
| | PR PERENNIAL PLANTS COARSE SAND PLACEMENT, 4" |
| | PR ORNAMENTAL TREE |
| | PR SHADE TREE, CLUMP FORM |
| | PR SHADE TREE |
| | PR EVERGREEN TREE |
| | PR SHRUBS AND MULCH BED |

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Phase: 11-landscaping
Thomas: D:\62215-shr-landscap-006.dwg



| | | |
|------------------------------|----------------------|-----------|
| USER NAME = VinceM | DESIGNED - KYLESMTTH | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - JHAITSMA | REVISED - |
| PLOT DATE = 3/10/2022 | CHECKED - VMICEK | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
SHEET 5 OF 12**

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

| | | | | |
|---------------------------|------------|--------|--------------|-----------|
| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| FAI 55, FAP 338 | 2018-075-R | WILL | 1510 | 918 |
| CONTRACT NO. 62H15 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

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2012/11/30



LAURA ST

20 RED CEDAR
EX ROW

SEEDING, CLASS 4A AND
EROSION CONTROL BLANKET, TYP

20 SHINGLE OAK, 30' O.C.

NOISE WALL #1

VINES ON BOTH SIDES OF NOISE WALL, 600 EACH
EX ROW

I-55 SB

I-55 NB

VINES ON WEST SIDE OF NOISE WALL, 294 EACH

NOISE WALL #2

RETAINING WALL 099-1002

VINES ON WEST SIDE OF
RETAINING WALL, 124 EACH

E FRONTAGE RD

EX ROW

WETLAND SITE 30-6.7

WETLAND SITE 30-7.7

EX ROW

MCDONOUGH ST

ELK'S LODGE

MATCH LINE SEE LANDSCAPING PLAN SHEET 5

MATCH LINE SEE LANDSCAPING PLAN SHEET 7

| LANDSCAPING LEGEND | | | |
|--------------------|---|--|---------------------------|
| | SEEDING, CLASS 1A AND EROSION CONTROL BLANKET | | PR ORNAMENTAL TREE |
| | SEEDING, CLASS 2A AND EROSION CONTROL BLANKET | | PR SHADE TREE, CLUMP FORM |
| | SEEDING, CLASS 4 AND EROSION CONTROL BLANKET | | PR SHADE TREE |
| | SEEDING, CLASS 4B AND EROSION CONTROL BLANKET (SPECIAL) | | PR EVERGREEN TREE |
| | PERENNIAL PLANTS, WETLAND TYPE 3' O.C. AND SEEDING, CLASS 4B | | PR SHRUBS AND MULCH BED |
| | SEEDING, CLASS 4A AND HEAVY DUTY EROSION CONTROL BLANKET | | |
| | SEEDING, CLASS 4B AND EROSION CONTROL BLANKET (SPECIAL) | | |
| | PR PERENNIAL PLANTS COARSE SAND PLACEMENT, 4" | | |

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2012/11/30



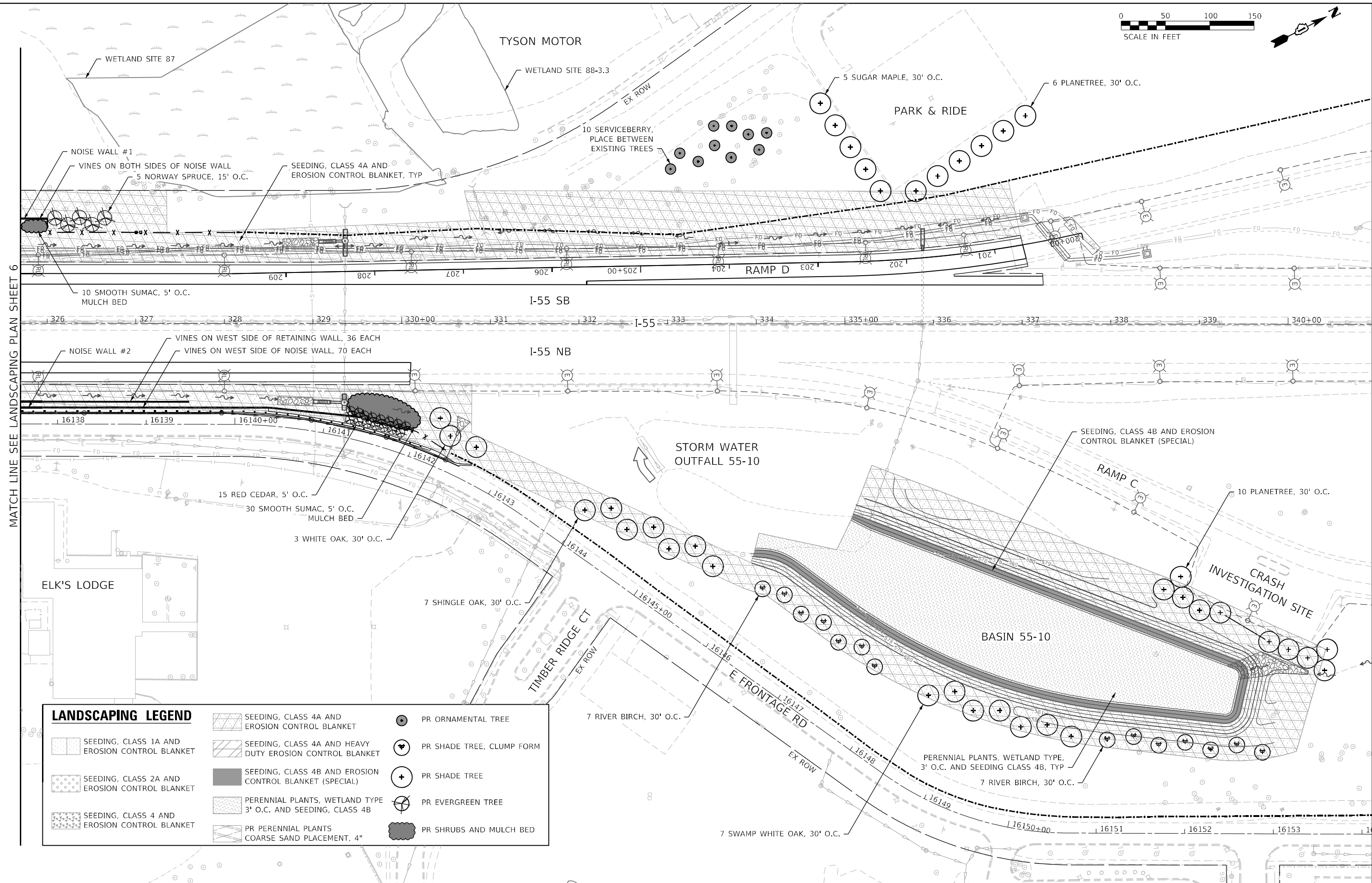
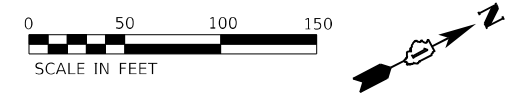
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| USER NAME = VinceM | DESIGNED - KYLESMITH | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - JHAITSMA | REVISED - |
| PLOT DATE = 3/10/2022 | CHECKED - VMICEK | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN
SHEET 6 OF 12

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

| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------|-----------|
| FAI 55, FAP 338 | 2018-075-R | WILL | 1510 | 919 |
| CONTRACT NO. 62H15 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



MATCH LINE SEE LANDSCAPING PLAN SHEET 6

| LANDSCAPING LEGEND | | | |
|--------------------|--|--|---------------------------|
| | SEEDING, CLASS 1A AND EROSION CONTROL BLANKET | | PR ORNAMENTAL TREE |
| | SEEDING, CLASS 2A AND EROSION CONTROL BLANKET | | PR SHADE TREE, CLUMP FORM |
| | SEEDING, CLASS 4 AND EROSION CONTROL BLANKET | | PR SHADE TREE |
| | SEEDING, CLASS 4A AND EROSION CONTROL BLANKET | | PR EVERGREEN TREE |
| | SEEDING, CLASS 4B AND EROSION CONTROL BLANKET (SPECIAL) | | PR SHRUBS AND MULCH BED |
| | PERENNIAL PLANTS, WETLAND TYPE 3' O.C. AND SEEDING, CLASS 4B | | |
| | PR PERENNIAL PLANTS COARSE SAND PLACEMENT, 4" | | |

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 2012/11/30



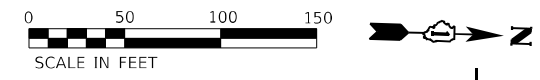
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| USER NAME = VinceM | DESIGNED - KYLESMTIH | REVISD - |
| PLOT SCALE = 100,0000' / in. | DRAWN - JHAITSMA | REVISD - |
| PLOT DATE = 3/10/2022 | CHECKED - VMICEK | REVISD - |
| | DATE - 03/16/2022 | REVISD - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

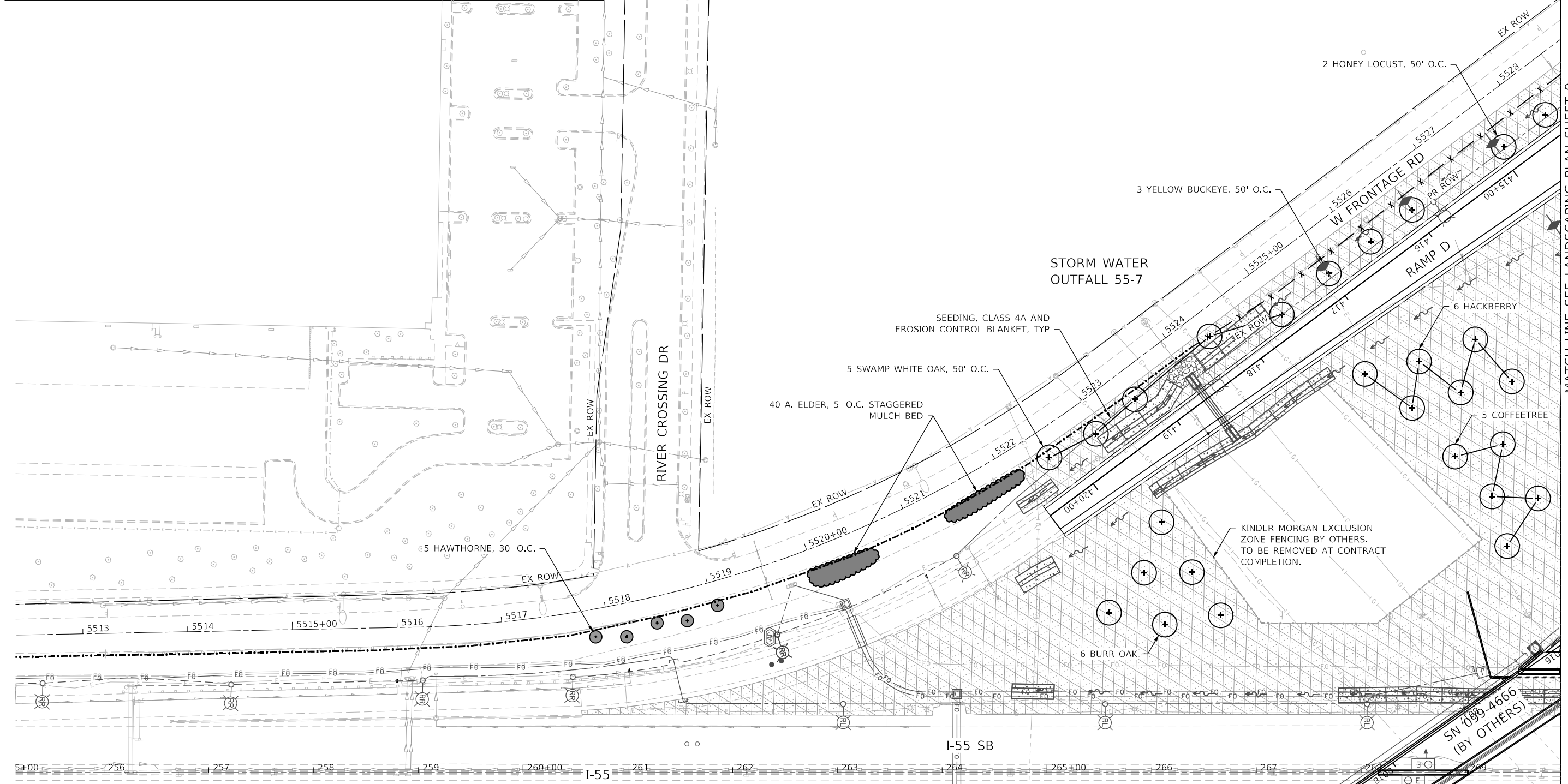
LANDSCAPING PLAN
SHEET 7 OF 12

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

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 920 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



| LANDSCAPING LEGEND | | | |
|--------------------|--|--|---------------------------|
| | SEEDING, CLASS 1A AND EROSION CONTROL BLANKET | | PR ORNAMENTAL TREE |
| | SEEDING, CLASS 2A AND EROSION CONTROL BLANKET | | PR SHADE TREE, CLUMP FORM |
| | SEEDING, CLASS 4 AND EROSION CONTROL BLANKET | | PR SHADE TREE |
| | SEEDING, CLASS 4A AND EROSION CONTROL BLANKET | | PR EVERGREEN TREE |
| | SEEDING, CLASS 4B AND EROSION CONTROL BLANKET (SPECIAL) | | PR SHRUBS AND MULCH BED |
| | PERENNIAL PLANTS, WETLAND TYPE 3' O.C. AND SEEDING, CLASS 4B | | |
| | PR PERENNIAL PLANTS COARSE SAND PLACEMENT, 4" | | |



MATCH LINE SEE LANDSCAPING PLAN SHEET 1

MATCH LINE SEE LANDSCAPING PLAN SHEET 2

MATCH LINE SEE LANDSCAPING PLAN SHEET 9

MODEL: Default; FILE: 62615; USER: jhaitsma; PROJECT: 2018-075-R; SHEET: 8 OF 12; DATE: 03/16/2022; SCALE: 1" = 50';



| | | |
|------------------------------|----------------------|-----------|
| USER NAME = VinceM | DESIGNED - KYLESMITH | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - JHAITSMA | REVISED - |
| PLOT DATE = 3/10/2022 | CHECKED - VMICEK | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

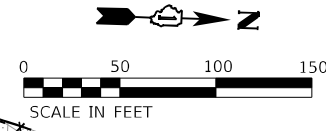
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
SHEET 8 OF 12**

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

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 921 |
| CONTRACT NO. 62H15 | | | | |
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2012/11/30

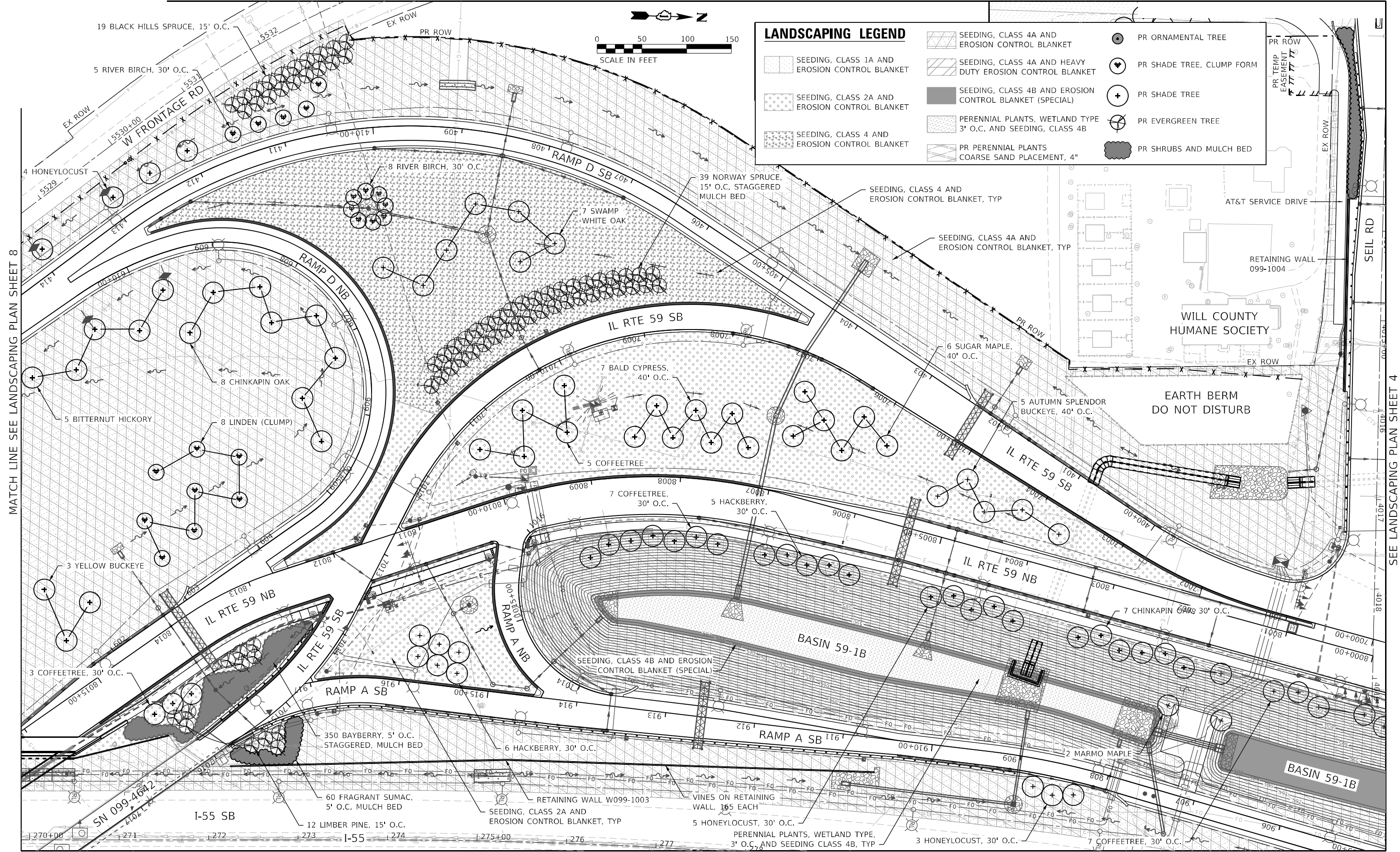


LANDSCAPING LEGEND

- SEEDING, CLASS 1A AND EROSION CONTROL BLANKET
- SEEDING, CLASS 2A AND EROSION CONTROL BLANKET
- SEEDING, CLASS 4 AND EROSION CONTROL BLANKET
- SEEDING, CLASS 4A AND EROSION CONTROL BLANKET
- SEEDING, CLASS 4A AND HEAVY DUTY EROSION CONTROL BLANKET
- SEEDING, CLASS 4B AND EROSION CONTROL BLANKET (SPECIAL)
- PERENNIAL PLANTS, WETLAND TYPE 3' O.C. AND SEEDING, CLASS 4B
- PR PERENNIAL PLANTS COARSE SAND PLACEMENT, 4"
- PR ORNAMENTAL TREE
- PR SHADE TREE, CLUMP FORM
- PR SHADE TREE
- PR EVERGREEN TREE
- PR SHRUBS AND MULCH BED

MATCH LINE SEE LANDSCAPING PLAN SHEET 8

SEE LANDSCAPING PLAN SHEET 4



SEE LANDSCAPING PLAN SHEET 2

SEE LANDSCAPING PLAN SHEET 3

MODEL: Default
FILE: 62h15-landscaping-010.dwg
PROJECT: 62h15-landscaping-010.dwg
DATE: 3/10/2022



USER NAME = Vincem
 PLOT SCALE = 100,0000' / in.
 PLOT DATE = 3/10/2022

DESIGNED - KYLESMITH
 DRAWN - JHAITSMA
 CHECKED - VMICEK
 DATE - 03/16/2022

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
SHEET 9 OF 12**

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

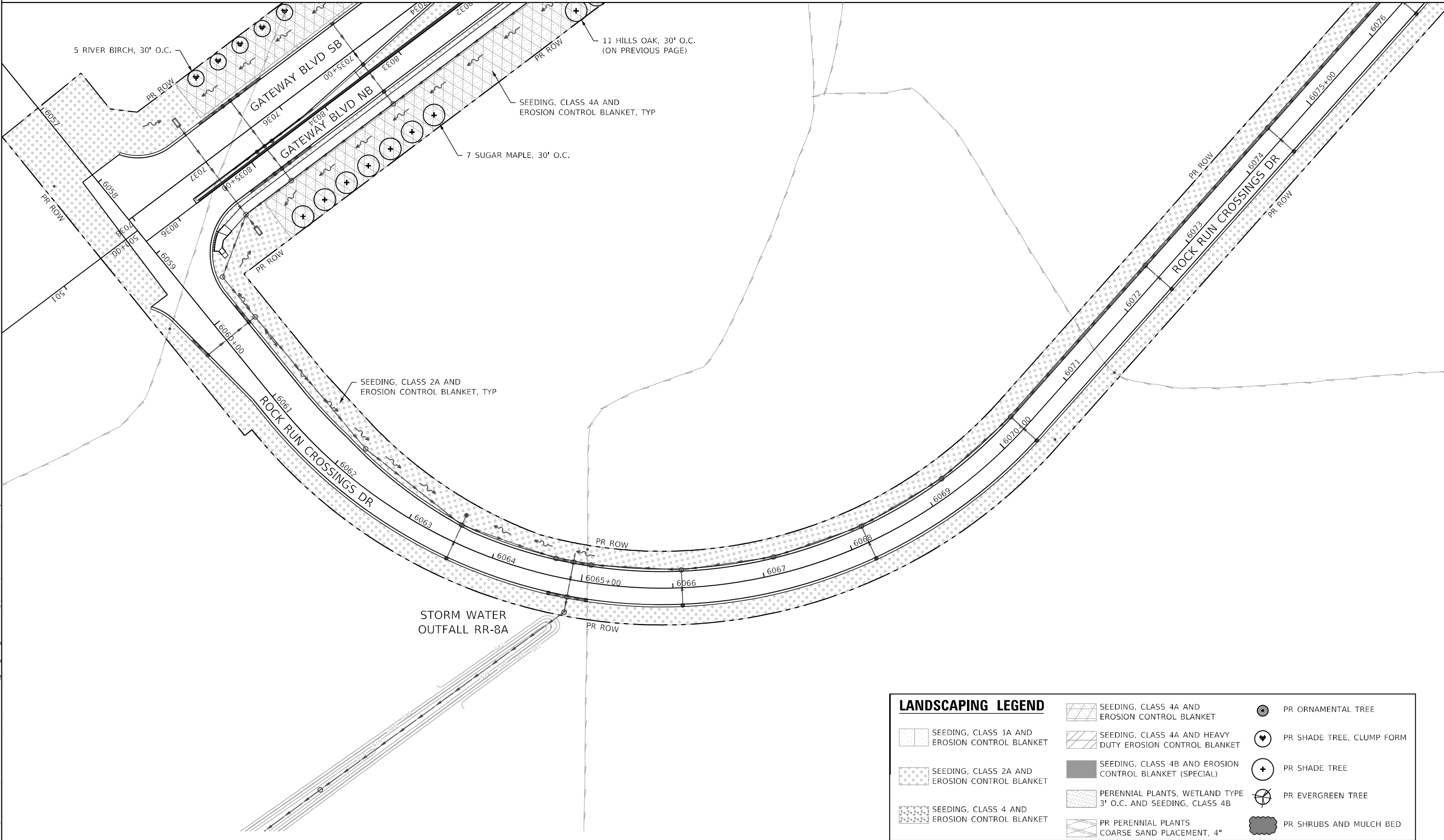
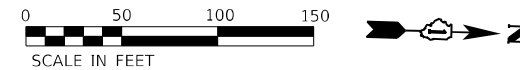
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| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 922 |
| CONTRACT NO. 62H15 | | | | |

F A I 55, FAP 338 ILLINOIS FED. AID PROJECT

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2012/11/30

MATCH LINE SEE LANDSCAPING PLAN SHEET 1

MATCH LINE SEE LANDSCAPING PLAN SHEET 2



| LANDSCAPING LEGEND | | | |
|--------------------|--|--|---------------------------|
| | SEEDING, CLASS 1A AND EROSION CONTROL BLANKET | | PR ORNAMENTAL TREE |
| | SEEDING, CLASS 2A AND EROSION CONTROL BLANKET | | PR SHADE TREE, CLUMP FORM |
| | SEEDING, CLASS 4 AND EROSION CONTROL BLANKET | | PR SHADE TREE |
| | SEEDING, CLASS 4A AND EROSION CONTROL BLANKET | | PR EVERGREEN TREE |
| | SEEDING, CLASS 4A AND HEAVY DUTY EROSION CONTROL BLANKET | | PR SHRUBS AND MULCH BED |
| | SEEDING, CLASS 4B AND EROSION CONTROL BLANKET (SPECIAL) | | |
| | PERENNIAL PLANTS, WETLAND TYPE 3' O.C. AND SEEDING, CLASS 4B | | |
| | PR PERENNIAL PLANTS COARSE SAND PLACEMENT, 4" | | |

MODEL: Default
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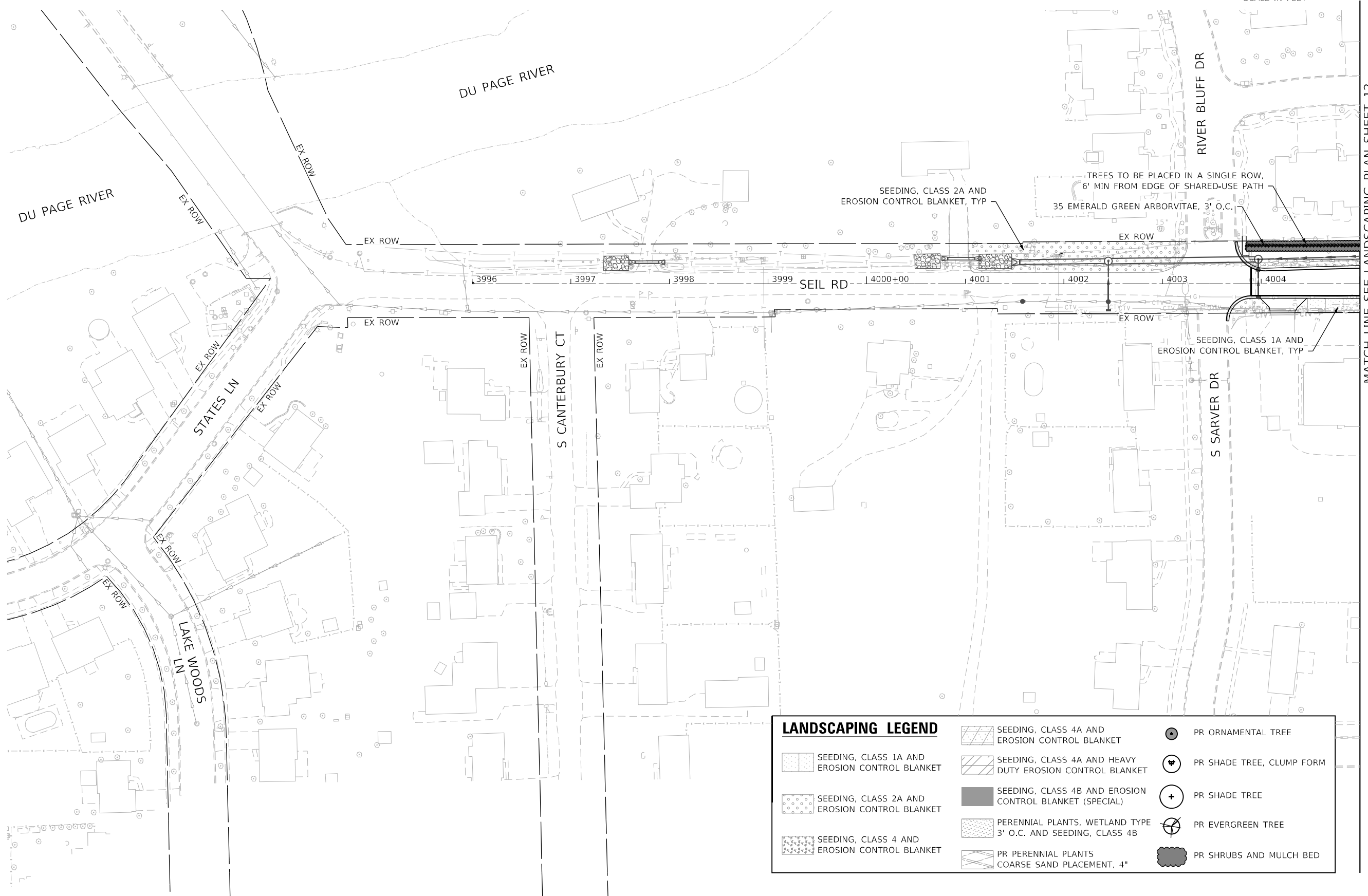
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| USER NAME = VinceM | DESIGNED - KYLES MITH | REVISED - |
| DRAWN - JHAITSMA | REVISIONS | |
| PLOT SCALE = 100,0000' / in. | CHECKED - VMICEK | REVISED - |
| PLOT DATE = 3/10/2022 | DATE - 03/16/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|------------------|-------|-----------|--------------|
| LANDSCAPING PLAN | | | |
| SHEET 10 OF 12 | | | |
| SCALE: 1" = 50' | SHEET | OF SHEETS | STA. TO STA. |

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P.R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 923 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

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 51261
 2012/11/30



MATCH LINE SEE LANDSCAPING PLAN SHEET 12

| LANDSCAPING LEGEND | | | |
|--------------------|--|--|---------------------------|
| | SEEDING, CLASS 1A AND EROSION CONTROL BLANKET | | PR ORNAMENTAL TREE |
| | SEEDING, CLASS 2A AND EROSION CONTROL BLANKET | | PR SHADE TREE, CLUMP FORM |
| | SEEDING, CLASS 4 AND EROSION CONTROL BLANKET | | PR SHADE TREE |
| | SEEDING, CLASS 4A AND EROSION CONTROL BLANKET | | PR EVERGREEN TREE |
| | SEEDING, CLASS 4A AND HEAVY DUTY EROSION CONTROL BLANKET | | PR SHRUBS AND MULCH BED |
| | SEEDING, CLASS 4B AND EROSION CONTROL BLANKET (SPECIAL) | | |
| | PERENNIAL PLANTS, WETLAND TYPE 3' O.C. AND SEEDING, CLASS 4B | | |
| | PR PERENNIAL PLANTS COARSE SAND PLACEMENT, 4" | | |

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5/26/2022
2012/11/30



| | | |
|------------------------------|----------------------|-----------|
| USER NAME = VinceM | DESIGNED - KYLESMITH | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - JHAITSMA | REVISED - |
| PLOT DATE = 3/10/2022 | CHECKED - VMICEK | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
SHEET 11 OF 12**

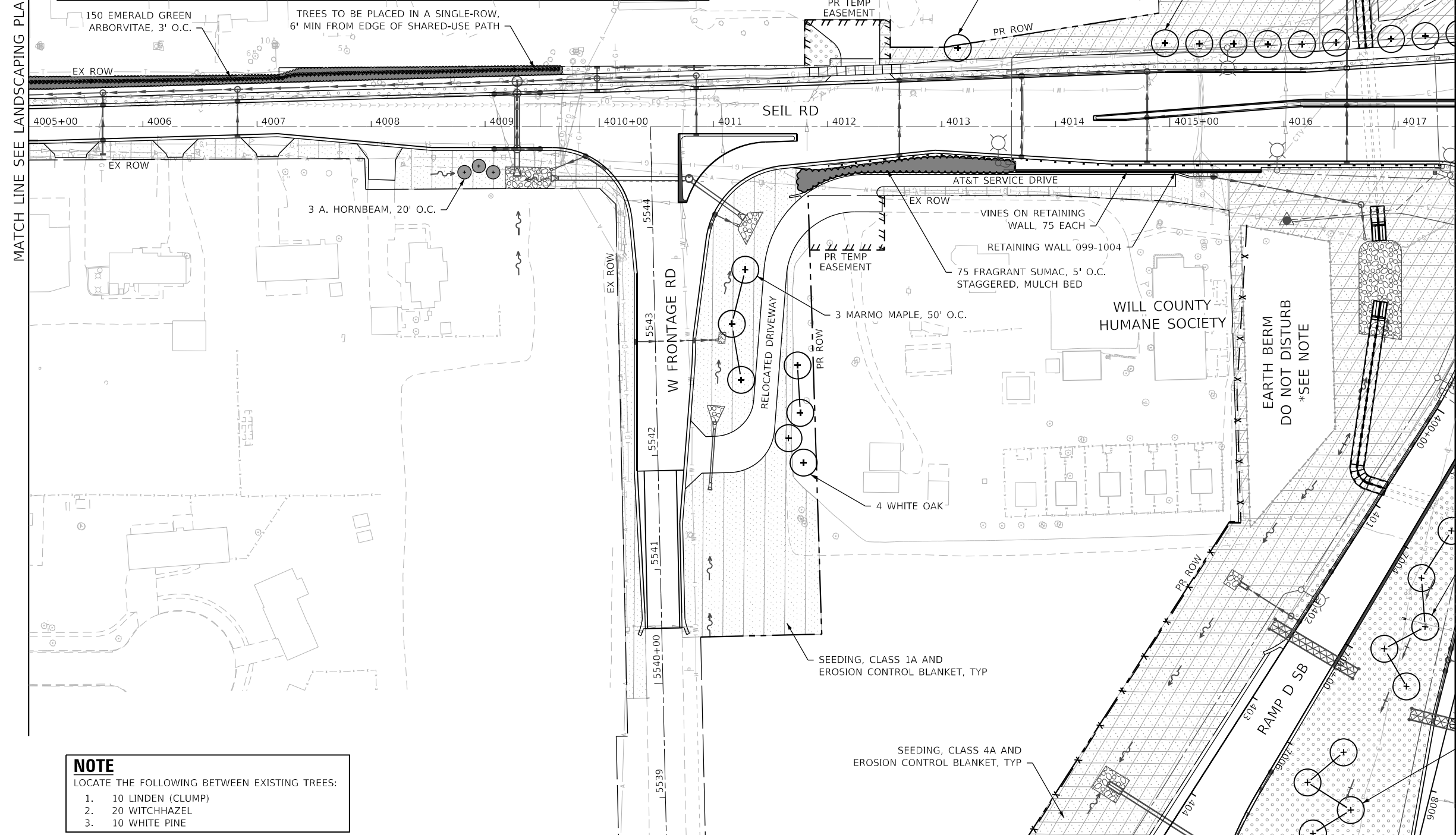
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|-----------------|-------|----|--------|------|----|------|
| SCALE: 1" = 50' | SHEET | OF | SHEETS | STA. | TO | STA. |
|-----------------|-------|----|--------|------|----|------|

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 924 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



| LANDSCAPING LEGEND | | | |
|--------------------|--|--|---------------------------|
| | SEEDING, CLASS 1A AND EROSION CONTROL BLANKET | | PR ORNAMENTAL TREE |
| | SEEDING, CLASS 4A AND HEAVY DUTY EROSION CONTROL BLANKET | | PR SHADE TREE, CLUMP FORM |
| | SEEDING, CLASS 2A AND EROSION CONTROL BLANKET | | PR SHADE TREE |
| | SEEDING, CLASS 4 AND EROSION CONTROL BLANKET | | PR EVERGREEN TREE |
| | PERENNIAL PLANTS, WETLAND TYPE 3' O.C. AND SEEDING, CLASS 4B | | PR SHRUBS AND MULCH BED |
| | PR PERENNIAL PLANTS COARSE SAND PLACEMENT, 4" | | |

MATCH LINE SEE LANDSCAPING PLAN SHEET 11



SEE LANDSCAPING PLAN SHEET 4

SEE LANDSCAPING PLAN SHEET 9

SEE LANDSCAPING PLAN SHEET 11

NOTE
LOCATE THE FOLLOWING BETWEEN EXISTING TREES:

1. 10 LINDEN (CLUMP)
2. 20 WITCHHAZEL
3. 10 WHITE PINE

SEE LANDSCAPING PLAN SHEET 9

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51261
2012/11/30

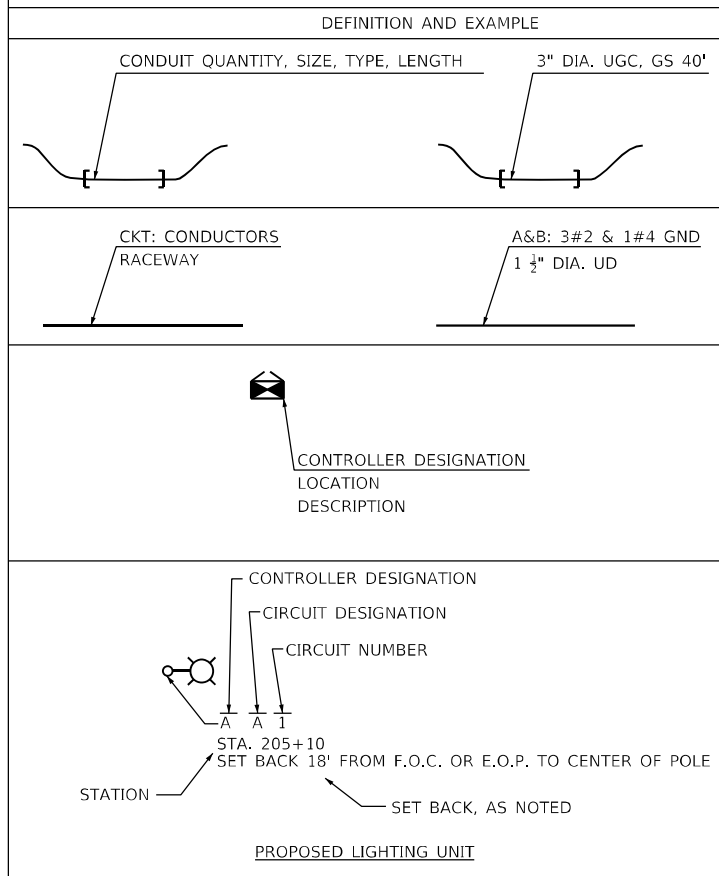
LIGHTING AND ELECTRICAL LEGEND

| SYMBOL | DESCRIPTION |
|--------|--|
| | PROPOSED IDOT LIGHTING UNIT MOUNTED ON BREAKAWAY DEVICE, 47.5 FT M.H., 15 FT DAVIT ARM, LUMINAIRE TO BE LED, HORIZONTAL MOUNT, OUTPUT DESIGNATION H (240 VAC) U.N.O. |
| | PROPOSED IDOT LIGHTING UNIT MOUNTED ON BRIDGE PARAPET WALL, 47.5 FT M.H., 8 FT DAVIT ARM, LUMINAIRE TO BE LED, HORIZONTAL MOUNT, OUTPUT DESIGNATION H (240 VAC) |
| | PROPOSED COMBINATION LIGHTING UNIT, 45 FT M.H., 15 FT MAST ARM, LUMINAIRE TO BE LED, HORIZONTAL MOUNT, OUTPUT DESIGNATION H (240 VAC) |
| | TEMPORARY LIGHTING UNIT, 60 FT WOOD POLE, 50 FT MOUNTING HEIGHT, LUMINAIRE TO BE LED, HORIZONTAL MOUNT, 15 FT MAST ARM |
| | EXISTING LIGHTING UNIT TO REMAIN IN PLACE |
| | EXISTING TEMPORARY LIGHTING UNIT |
| | EXISTING LIGHTING UNIT TO BE RELOCATED |
| | EXISTING TEMPORARY LIGHTING UNIT TO BE REMOVED |
| | EXISTING LIGHTING UNIT TO BE RETROFITTED WITH LED LUMINAIRE, OUTPUT DESIGNATION H |
| | EXISTING LIGHTING UNIT (47.5 FT M.H., 15 FT DAVIT ARM, U.N.O.) RELOCATED TO NEW FOUNDATION AND BREAKAWAY DEVICE, AND RETROFITTED WITH LED LUMINAIRE, OUTPUT DESIGNATION H. REPLACE POLE WIRING, SURGE ARRESTER, FUSE HOLDER AND FUSES. |
| | TEMPORARY WOOD POLE, 50 FT, CLASS 4 |
| | EXISTING TEMPORARY WOOD POLE |
| | EXISTING JUNCTION BOX |
| | PROPOSED JUNCTION BOX, SIZE AND TYPE AS NOTED |
| | EXISTING IDOT LIGHTING CONTROLLER |
| | PROPOSED IDOT LIGHTING CONTROLLER |
| | PROPOSED COMBINATION LIGHTING CONTROLLER |
| | TEMPORARY RELOCATED 60 FT WOOD POLE MOUNTED LIGHTING CONTROLLER |
| | EXISTING ELECTRIC UTILITY SERVICE TO BE REMOVED |
| | PROPOSED ELECTRIC UTILITY SERVICE |
| | PROPOSED UNDERPASS LUMINAIRE, LED, OUTPUT DESIGNATION D |
| | EXISTING UNDERPASS LUMINAIRE (LED) TO REMAIN |
| | PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED |
| | PROPOSED UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED |
| | PROPOSED CONDUIT EMBEDDED IN STRUCTURE, SIZE AND TYPE AS NOTED |
| | EXISTING UNIT DUCT OR CONDUIT TO REMAIN |
| | AERIAL CABLE FOR TEMPORARY LIGHTING |
| | EXISTING AERIAL CABLE FOR TEMPORARY LIGHTING |
| | EXISTING UNIT DUCT TO BE ABANDONED |

ABBREVIATIONS

| ABBREVIATION | DESCRIPTION |
|--------------|---|
| AC | ALTERNATING CURRENT |
| A/C | AERIAL CABLE |
| ATS | ATTACHED TO STRUCTURE |
| B.O.C. | BACK OF CURB |
| CB | CIRCUIT BREAKER |
| CKT | CIRCUIT |
| CM | CENTIMETER |
| COMED | COMMONWEALTH EDISON COMPANY |
| CP | CONTROL PANEL |
| CT | CURRENT TRANSFORMER |
| DA | DAVIT ARM |
| DC | DIRECT CURRENT |
| DIA | DIAMETER |
| DP | DISTRIBUTION PANEL |
| E | EXISTING UNIT TO REMAIN |
| EX. | EXISTING |
| ECA | ELECTRIC CABLE ASSEMBLY |
| EIS | EMBEDDED IN STRUCTURE |
| E.O.P. | EDGE OF PAVEMENT |
| F.O.C. | FACE OF CURB |
| FT | FEET OR FOOT |
| FU | FUSE |
| GND | GROUND |
| HID | HIGH INTENSITY DISCHARGE |
| JB | JUNCTION BOX |
| KVA | KILOVOLT-AMPERE |
| KW | KILOWATTS |
| LED | LIGHT EMITTING DIODE |
| LP | LIGHT POLE |
| M | METER |
| MA | MAST ARM |
| MC | MULTI-CONDUCTOR |
| MM | MILLIMETER |
| M.H. | MOUNTING HEIGHT |
| MW | MESSENGER WIRE |
| NESC | NATIONAL ELECTRIC SAFETY CODE |
| NO. # | NUMBER |
| N.T.S. | NOT TO SCALE |
| P | PROPOSED |
| PB | PUSH BUTTON |
| PNL | PANEL |
| PVC | POLYVINYL CHLORIDE |
| PVCC RGC | PVC COATED RIGID GALVANIZED CONDUIT |
| PT | POTENTIAL TRANSFORMER |
| R | EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.) |
| RECP | RECEPTACLE |
| RGC | RIGID GALVANIZED CONDUIT |
| SEL SW | SELECTOR SWITCH |
| SPARE | SPARE |
| SPACE | SPACE |
| SS | STAINLESS STEEL |
| STA | STATION |
| T/F | TOP OF FOUNDATION |
| UD | UNIT DUCT |
| U.N.O. | UNLESS NOTED OTHERWISE |
| UGC, GS | UNDERGROUND CONDUIT, GALVANIZED STEEL |
| VAC | VOLTS, ALTERNATING CURRENT |
| W | WATTS |
| WP | WOOD POLE |
| XFMR | TRANSFORMER |
| HPS | HIGH PRESSURE SODIUM |
| LPS | LOW PRESSURE SODIUM |
| LTFM | LIQUID TIGHT FLEXIBLE METALLIC |

CALL-OUT SAMPLE



GENERAL NOTES

1. THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
2. THE CONTRACTOR SHALL CONTACT MEADE ELECTRIC CO. DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR AT 773-287-7672 TO LOCATE IDOT ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES.
3. THE CONTRACTOR SHALL CONTACT FOLLOWING COMED REPRESENTATIVES FOR ELECTRIC SERVICE COORDINATION:
IL 59 AT SEIL RD: CHRISTY GOOSSENS AT 815-724-5982
DDI: ANNETTE KISALA AT 815-724-5328

IDOT-D1 STANDARDS:

| STANDARD NO. | TITLE |
|--------------|---|
| BE-205 | LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 200 AMP (DUAL) RADIO SCADA |
| BE-220 | ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT |
| BE-301 | LIGHT POLE FOUNDATION, 40' TO 47.5' M.H. 15" BOLT CIRCLE |
| BE-410 | DAVIT LIGHT POLE 47'-6" MOUNTING HEIGHT |
| BE-701 | LUMINAIRE SAFETY CABLE ASSEMBLY |
| BE-702 | MISC. ELECTRICAL DETAILS SHEET A |
| BE-800 | TEMPORARY LIGHT POLE DETAILS |
| BE-801 | TEMPORARY AERIAL CABLE INSTALLATION |
| BE-901 | SUSPENDED MOUNT LED UNDERPASS LUMINAIRE INSTALLATION DETAILS |

INDEX OF DRAWINGS

| DRAWING NO. | TITLE |
|--------------|---|
| E-01 | LEGEND, ABBREVIATIONS, GENERAL NOTES, AND INDEX OF DRAWINGS |
| E-02 | SCHEDULE OF QUANTITIES |
| E-03 TO E-23 | TEMPORARY LIGHTING PLANS |
| E-24 TO E-33 | PROPOSED LIGHTING PLANS |
| E-34 | LIGHTING CONTROLLER "O" WIRING DIAGRAM |
| E-35 | LIGHTING CONTROLLER "N" WIRING DIAGRAM |
| E-36 | LIGHTING DETAILS |
| E-37 | TEMPORARY LIGHTING CONTROLLER DETAIL |
| E-38 | EXISTING UNDERPASS LIGHTING DETAIL |
| E-39 | COMED COORDINATION |

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| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vgurskas | DESIGNED - VGURSKAS | REVISED - |
| | DRAWN - UMERDAMERT | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 4/29/2022 | DATE - 04/27/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LEGEND, ABBREVIATIONS, GENERAL NOTES,
AND INDEX OF DRAWINGS

SCALE: NTS SHEET OF SHEETS STA. TO STA.

| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| * | 2018-075-R | WILL | 1510 | 926 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

E-01

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56378
2012/11/30

BILL OF MATERIALS – IDOT

| DESCRIPTION | UNIT | TOTAL QUANTITY |
|---|--------|----------------|
| ELECTRIC SERVICE INSTALLATION | EACH | 1 |
| ELECTRIC UTILITY SERVICE CONNECTION | L SUM | 1 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA. | FOOT | 200 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. | FOOT | 1,695 |
| CONDUIT ATTACHED TO STRUCTURE, 3" DIA., STAINLESS STEEL | FOOT | 20 |
| CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC | FOOT | 90 |
| JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 18" X 6" | EACH | 2 |
| UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE | FOOT | 10,960 |
| UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE | FOOT | 21,820 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4 | FOOT | 390 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2 | FOOT | 1,170 |
| ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350MCM | FOOT | 690 |
| AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE | FOOT | 10,530 |
| LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H | EACH | 173 |
| LUMINAIRE, LED, UNDERPASS, SUSPENDED, OUTPUT DESIGNATION D | EACH | 4 |
| LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL) | EACH | 1 |
| LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 8 FT. DAVIT ARM | EACH | 2 |
| LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. DAVIT ARM | EACH | 97 |
| LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM | EACH | 39 |
| LIGHT POLE FOUNDATION, 24" DIAMETER | FOOT | 1,260 |
| BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE | EACH | 140 |
| REMOVAL OF TEMPORARY LIGHTING UNIT | EACH | 63 |
| REMOVAL OF POLE FOUNDATION | EACH | 43 |
| RELOCATE EXISTING LIGHTING UNIT | EACH | 43 |
| REMOVAL OF LIGHTING CONTROLLER | EACH | 1 |
| REMOVAL OF ELECTRIC SERVICE INSTALLATION | EACH | 1 |
| REMOVAL OF LIGHTING CONTROLLER FOUNDATION | EACH | 1 |
| REMOVE TEMPORARY WOOD POLE | EACH | 10 |
| TEMPORARY ELECTRIC SERVICE INSTALLATION | EACH | 1 |
| TEMPORARY WOOD POLE, 50 FT., CLASS 4 | EACH | 10 |
| REMOVAL OF LUMINAIRE, SALVAGE | EACH | 64 |
| TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H | EACH | 39 |
| COMBINATION LIGHTING CONTROLLER | EACH | 3 |
| TEMPORARY MAST ARM, ALUMINUM, 15FT | EACH | 1 |
| RELOCATE EXISTING LIGHTING CONTROLLER | EACH | 1 |
| LUMINAIRE SAFETY CABLE ASSEMBLY | EACH | 173 |
| MAINTENANCE OF LIGHTING SYSTEM | CAL MO | 24 |

BILL OF MATERIALS – VILLAGE OF SHOREWOOD

| DESCRIPTION | UNIT | TOTAL QUANTITY |
|---|------|----------------|
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. | FOOT | 50 |
| UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE | FOOT | 400 |
| LIGHT POLE FOUNDATION, 30" DIAMETER | FOOT | 18 |
| REMOVAL OF POLE FOUNDATION | EACH | 2 |
| RELOCATE EXISTING LIGHTING UNIT | EACH | 2 |

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|-------------------------------|
| USER NAME = vгурskas |
| PLOT SCALE = 100,0000 ' / in. |
| PLOT DATE = 4/29/2022 |

| |
|---------------------|
| DESIGNED - VGURSKAS |
| DRAWN - UMERDAMERT |
| CHECKED - RPATEL |
| DATE - 04/27/2022 |

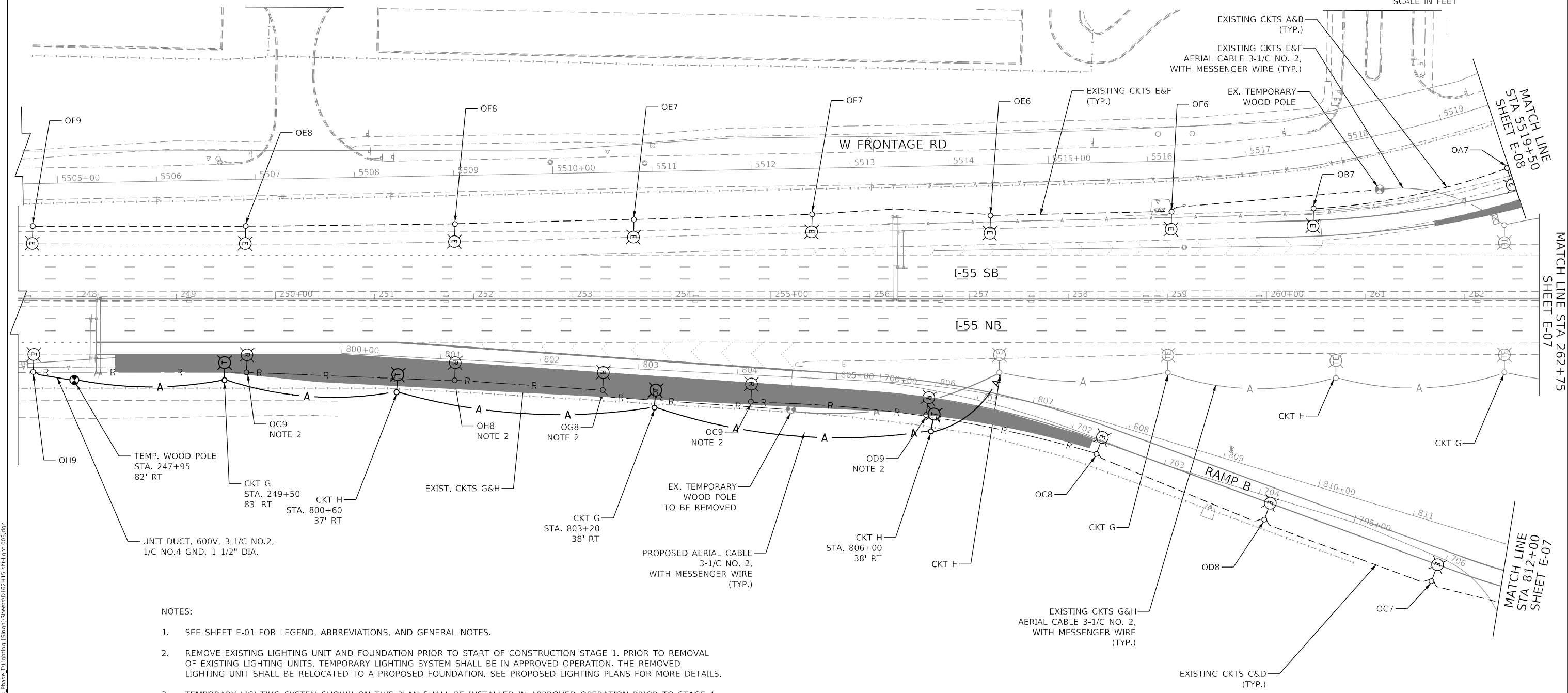
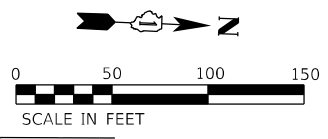
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

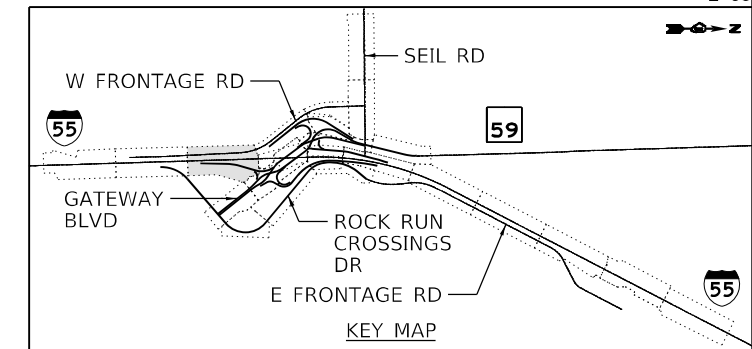
SCHEDULE OF QUANTITIES

SCALE: NTS SHEET OF SHEETS STA. TO STA.

| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|------------|---------------------------|--------------|-----------|
| * | 2018-075-R | WILL | 1510 | 927 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 | | ILLINOIS FED. AID PROJECT | | |



- NOTES:
- SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - REMOVE EXISTING LIGHTING UNIT AND FOUNDATION PRIOR TO START OF CONSTRUCTION STAGE 1. PRIOR TO REMOVAL OF EXISTING LIGHTING UNITS, TEMPORARY LIGHTING SYSTEM SHALL BE IN APPROVED OPERATION. THE REMOVED LIGHTING UNIT SHALL BE RELOCATED TO A PROPOSED FOUNDATION. SEE PROPOSED LIGHTING PLANS FOR MORE DETAILS.
 - TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 1.



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 56378
 2012/11/30



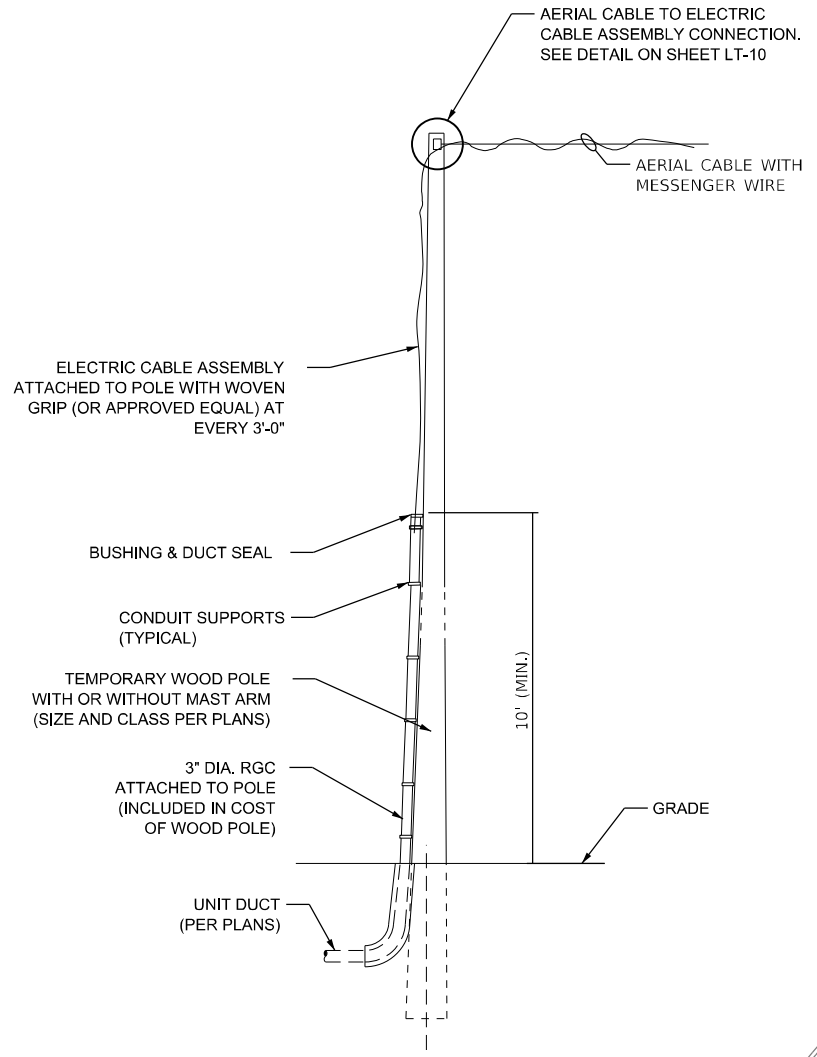
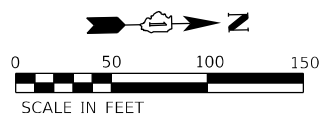
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|------------------------------|---------------------|-----------|
| USER NAME = vjgurskas | DESIGNED - MGARVIDA | REVISED - |
| DRAWN - H.PATEL | REVISIONS - | |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 4/29/2022 | DATE - 04/27/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

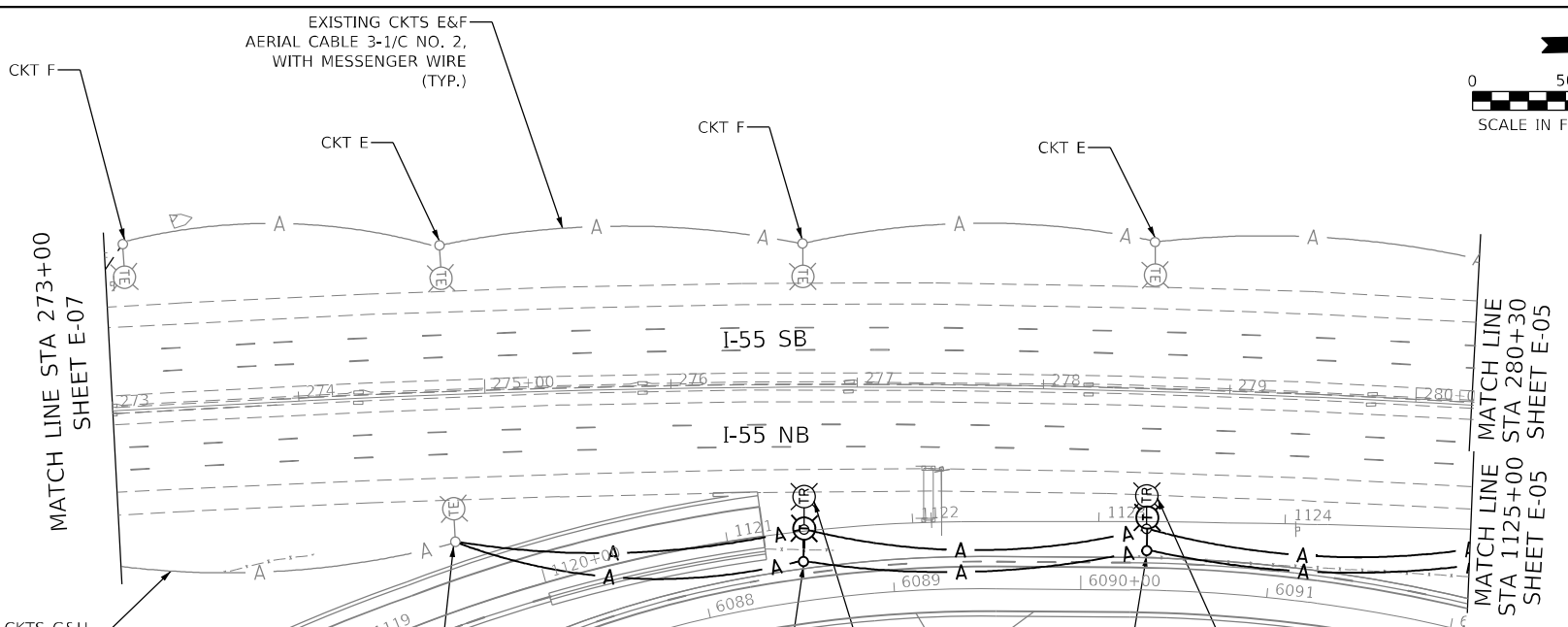
TEMPORARY LIGHTING PLAN STAGE 1 & 1A
I-55

SCALE: 1"=50' SHEET OF SHEETS STA. 248+00 TO STA. 262+75

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 928 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



**AERIAL CABLE TO UNDERGROUND DUCT
TRANSITION DETAIL**

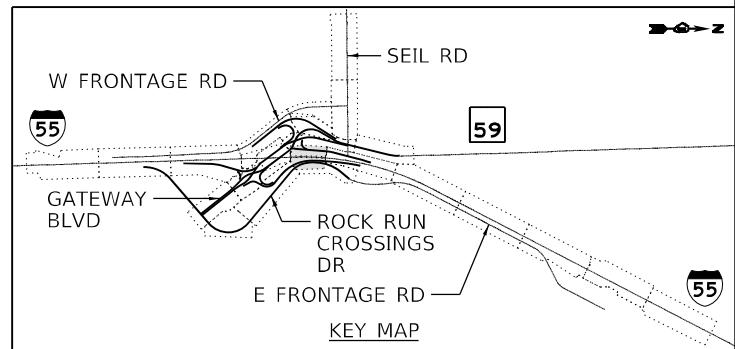


MATCH LINE
STA 1109+50 MATCH LINE
SHEET E-07 STA 1205+25
SHEET E-07

MATCH LINE
STA 280+30
SHEET E-05
MATCH LINE
STA 1125+00
SHEET E-05

NOTES:

- SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
- RELOCATE EXISTING TEMPORARY LIGHTING UNIT AT THE NEW LOCATION SO THAT REINSTALLED TEMPORARY LIGHTING UNIT SHALL BE OPERATIONAL THE SAME EVENING WITHOUT INTERRUPTION. THE CONTRACTOR MUST DISCONNECT EXISTING LIGHT CIRCUITS AT THE RELOCATED LIGHTING CONTROLLER PRIOR TO REMOVAL WORK.
- TEMPORARY LIGHTING SYSTEM INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 1.



KEY MAP

MODEL: Default; FILE: 62H15-sh1-light-004.dwg; Phase: ILLIGHTING; Sheets: 0162H15-sh1-light-004.dwg



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vgsuskas | DESIGNED - MGARVIDA | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - H.PATEL | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - RPATEL | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

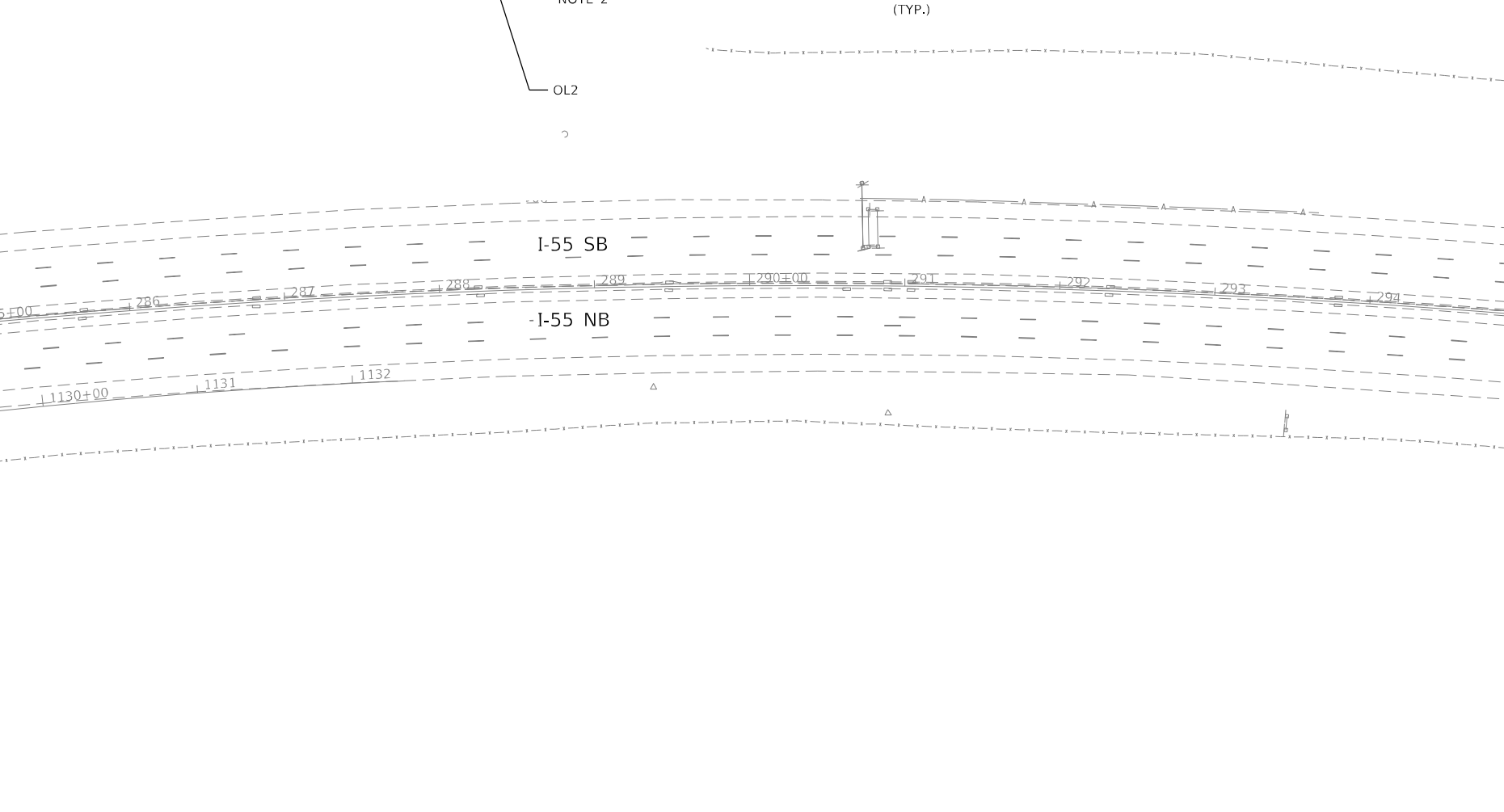
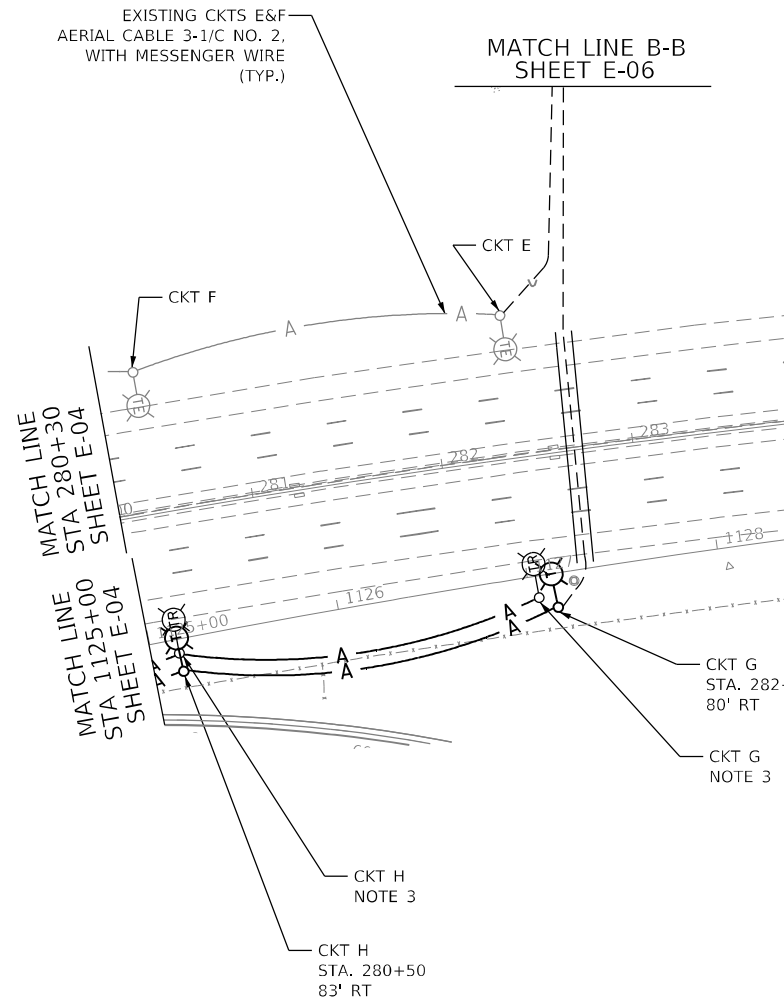
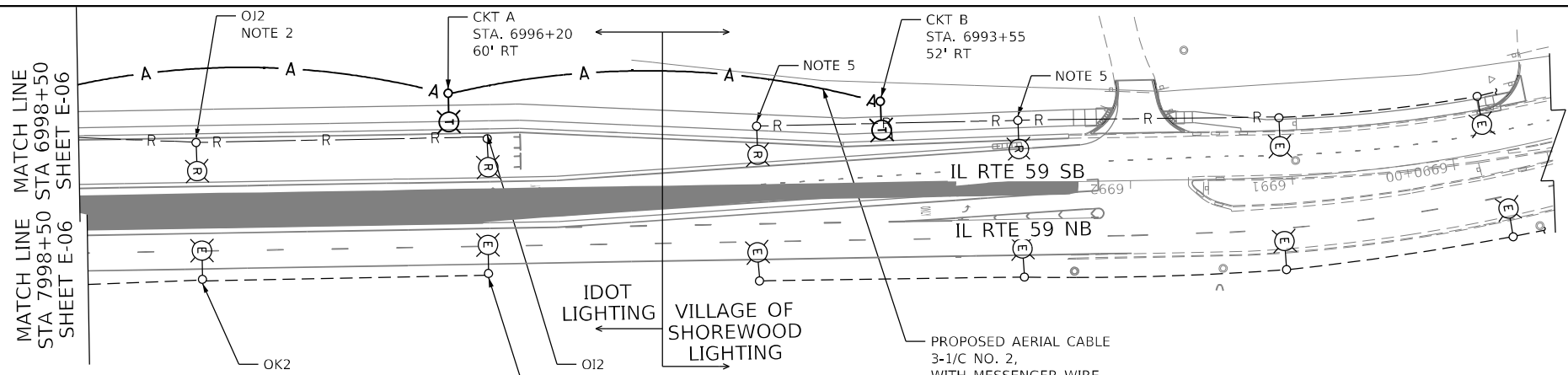
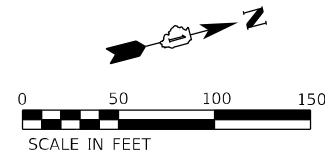
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING PLAN STAGE 1 & 1A
I-55**

SCALE: 1"=50' SHEET OF SHEETS STA. 273+00 TO STA. 280+30

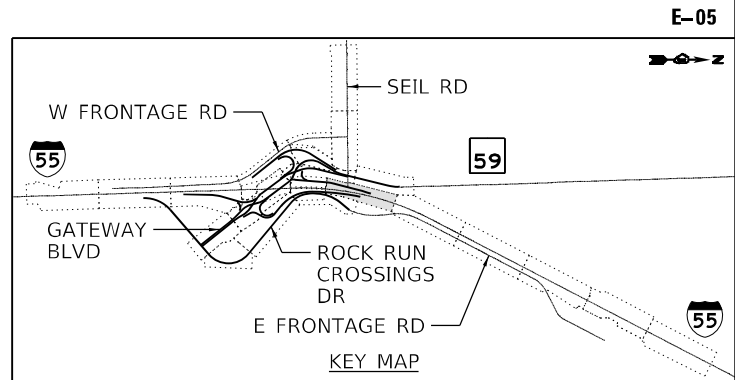
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| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 929 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

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56378
2012/11/30



NOTES:

1. SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. REMOVE EXISTING LIGHTING UNIT AND FOUNDATION PRIOR TO START OF CONSTRUCTION STAGE 1. PRIOR TO REMOVAL OF EXISTING LIGHTING UNITS, TEMPORARY LIGHTING SYSTEM SHALL BE IN APPROVED OPERATION. THE REMOVED LIGHTING UNIT SHALL BE RELOCATED TO A PROPOSED FOUNDATION. SEE PROPOSED LIGHTING PLANS FOR MORE DETAILS.
3. RELOCATE EXISTING TEMPORARY LIGHTING UNIT IMMEDIATELY AT THE NEW LOCATION SO THAT REINSTALLED TEMPORARY LIGHTING UNIT SHALL BE OPERATIONAL THE SAME EVENING WITHOUT INTERRUPTION. THE CONTRACTOR MUST DISCONNECT EXISTING LIGHT CIRCUITS AT THE RELOCATED LIGHTING CONTROLLER PRIOR TO REMOVAL WORK.
4. TEMPORARY LIGHTING SYSTEM INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 1.
5. EXISTING LIGHTING UNIT TO BE RELOCATED.



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| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vjgurskas | DESIGNED - MGARVIDA | REVISED - |
| DRAWN - H.PATEL | CHECKED - RPATEL | REVISED - |
| PLOT SCALE = 100,0000' / in. | DATE - 03/16/2022 | REVISED - |
| PLOT DATE = 3/9/2022 | | |

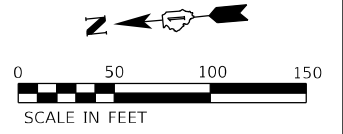
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING PLAN STAGE 1 & 1A
I-55**

SCALE: 1"=50' SHEET OF SHEETS STA. 280+30 TO STA. 295+00

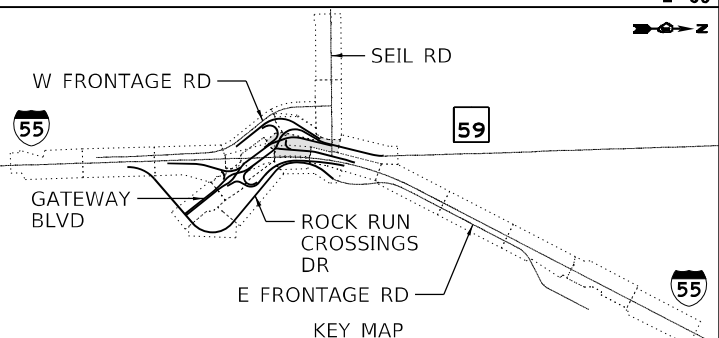
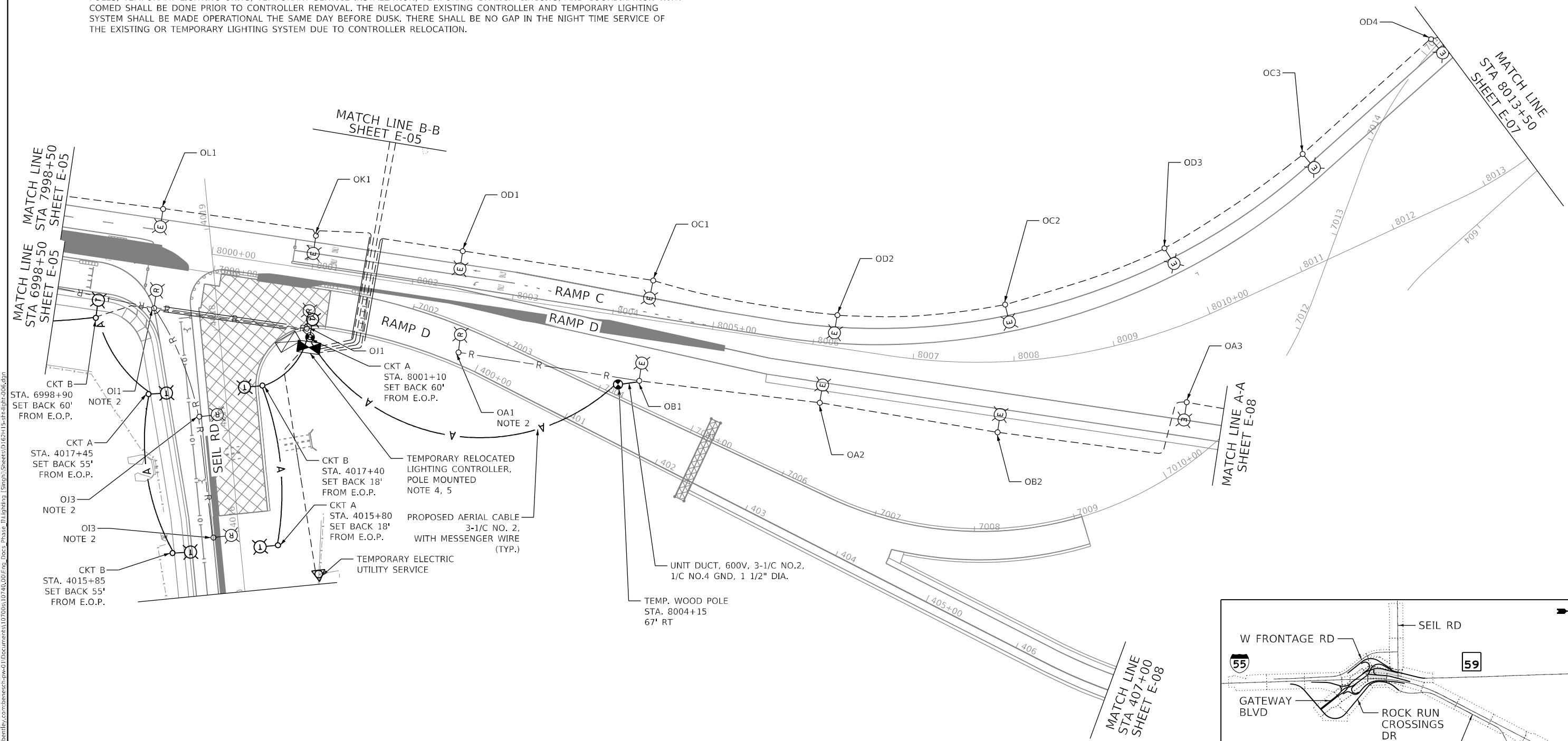
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| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 930 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

E-05



NOTES:

1. SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. REMOVE EXISTING LIGHTING UNIT AND FOUNDATION PRIOR TO START OF CONSTRUCTION STAGE 1. PRIOR TO REMOVAL OF EXISTING LIGHTING UNITS, TEMPORARY LIGHTING SYSTEM SHALL BE IN APPROVED OPERATION. THE REMOVED LIGHTING UNIT SHALL BE RELOCATED TO A PROPOSED FOUNDATION. SEE PROPOSED LIGHTING PLANS FOR MORE DETAILS.
3. TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 1.
4. REROUTE CIRCUITS TO THE TEMPORARY CONTROLLER LOCATION.
5. THE EXISTING LIGHTING CONTROLLER SHALL BE REMOVED AND RELOCATED ONTO A TEMPORARY WOOD POLE PRIOR TO STAGE 1 AS SHOWN ON TEMPORARY LIGHTING PLANS. ALL WORK SHOWN ON THIS PLAN INCLUDING INSTALLATION OF TEMPORARY WOOD POLES, TEMPORARY LIGHTING UNITS, TEMPORARY SERVICE INSTALLATION, TEMPORARY BRANCH CIRCUITS, AND COORDINATION WITH COMED SHALL BE DONE PRIOR TO CONTROLLER REMOVAL. THE RELOCATED EXISTING CONTROLLER AND TEMPORARY LIGHTING SYSTEM SHALL BE MADE OPERATIONAL THE SAME DAY BEFORE DUSK. THERE SHALL BE NO GAP IN THE NIGHT TIME SERVICE OF THE EXISTING OR TEMPORARY LIGHTING SYSTEM DUE TO CONTROLLER RELOCATION.



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vgvskas | DESIGNED - MGARVIDA | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - H.PATEL | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - RPATEL | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

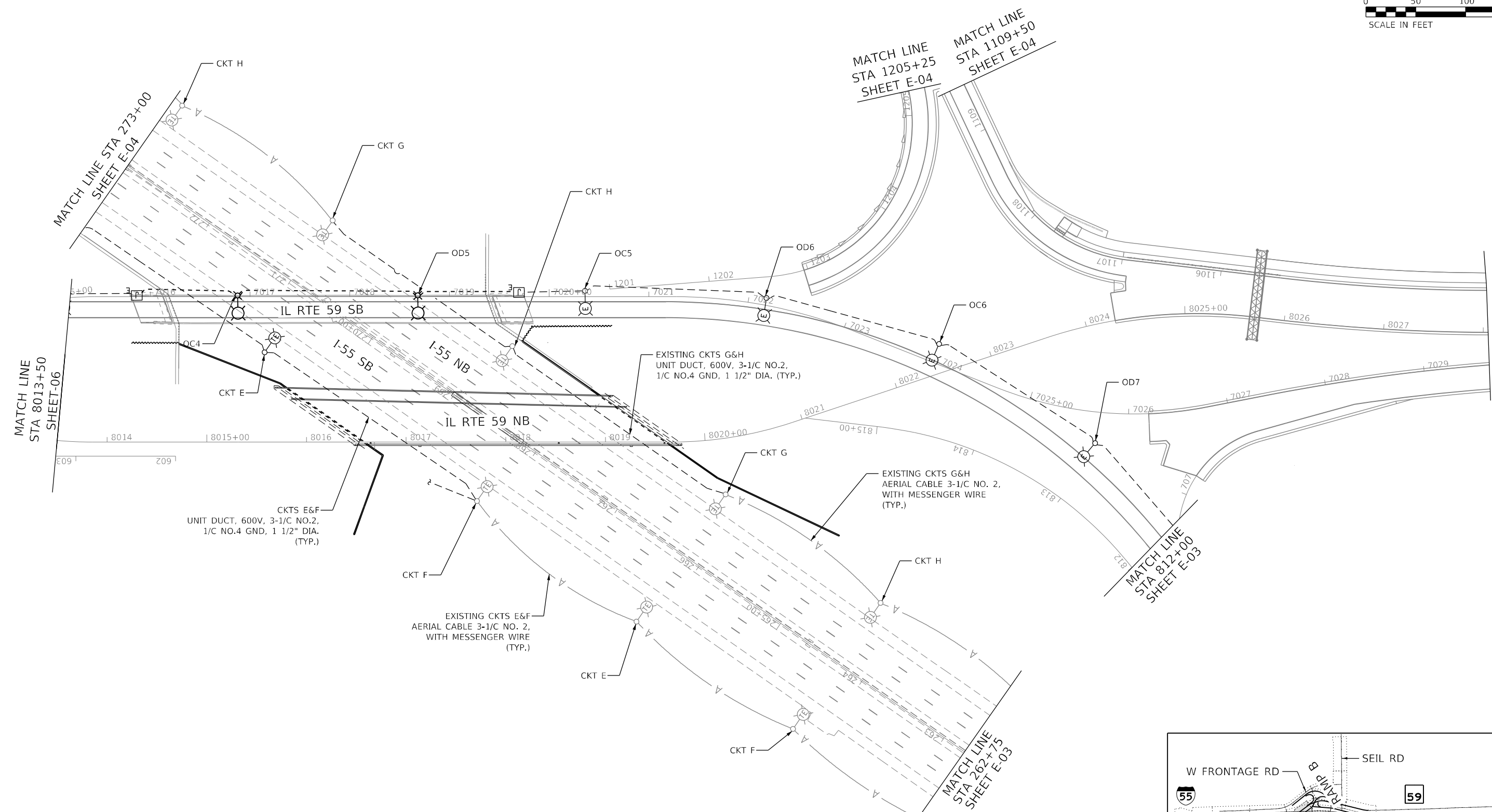
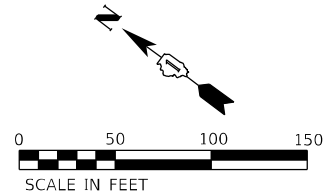
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING PLAN STAGE 1 & 1A
IL RTE 59**

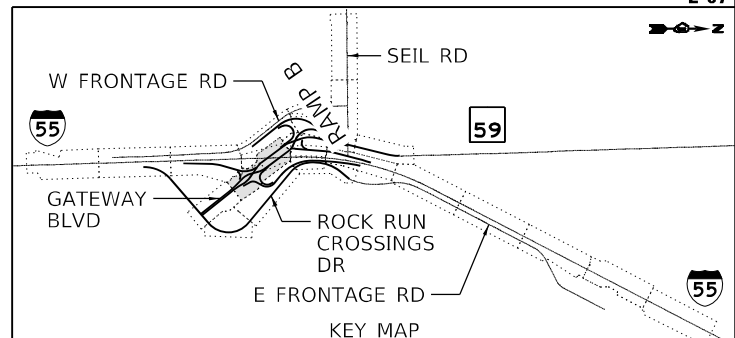
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| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 931 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

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- NOTES:
- SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.



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 56378
 2012/11/30



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vguerskas | DESIGNED - MGARVIDA | REVISED - |
| | DRAWN - H.PATEL | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

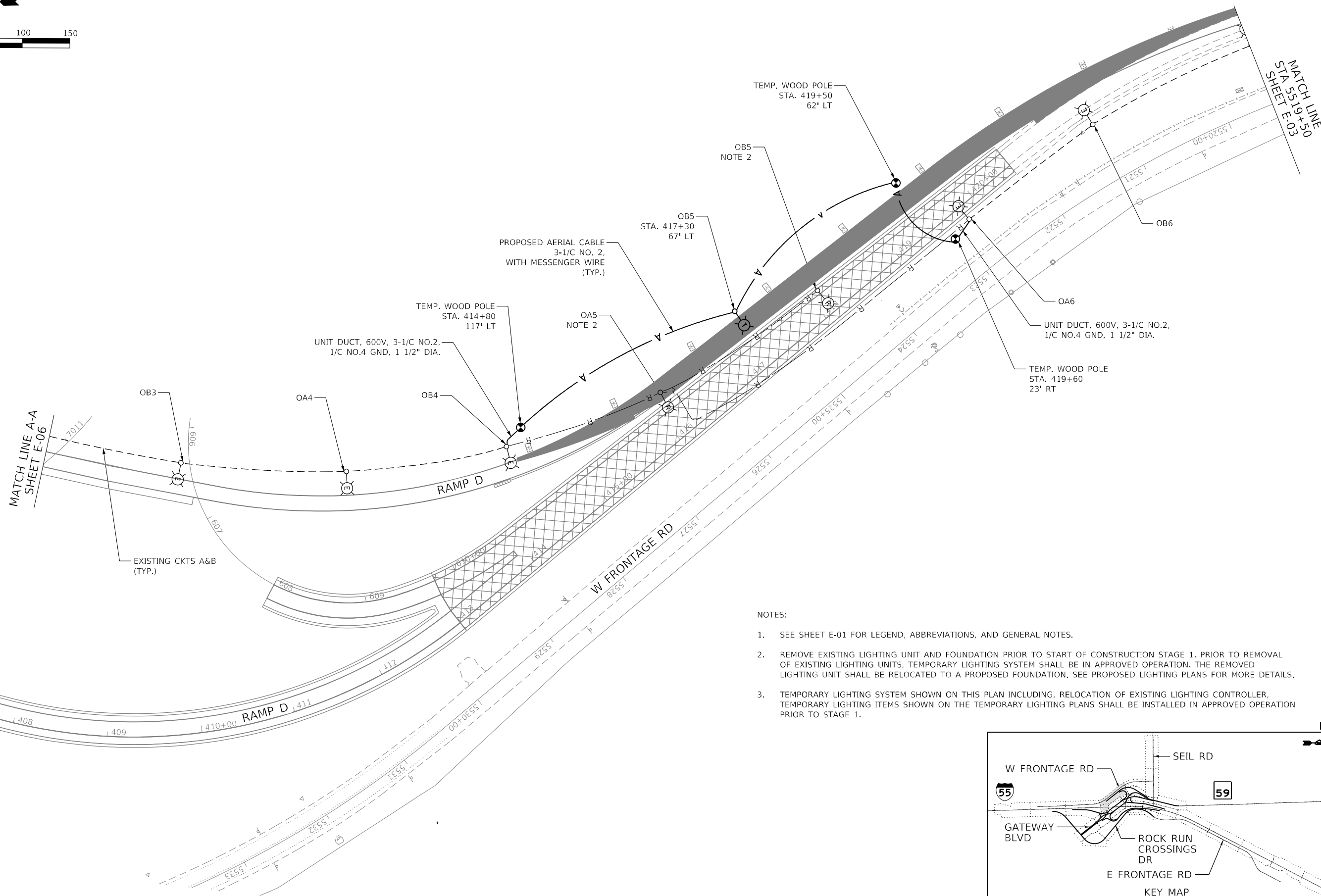
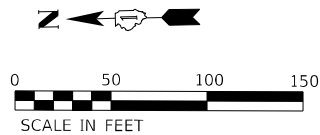
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING PLAN STAGE 1 & 1A
IL RTE 59

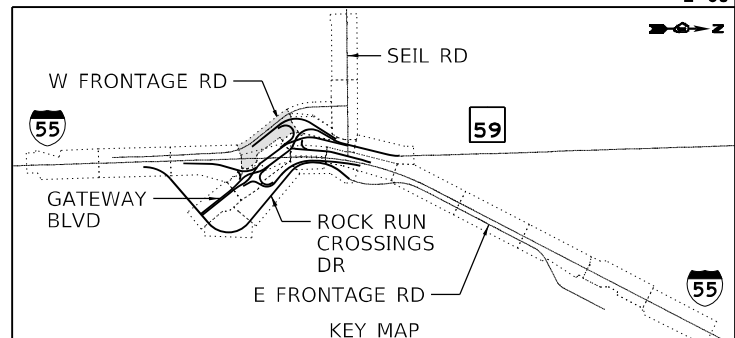
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| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 932 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

E-07



- NOTES:**
1. SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 2. REMOVE EXISTING LIGHTING UNIT AND FOUNDATION PRIOR TO START OF CONSTRUCTION STAGE 1. PRIOR TO REMOVAL OF EXISTING LIGHTING UNITS, TEMPORARY LIGHTING SYSTEM SHALL BE IN APPROVED OPERATION. THE REMOVED LIGHTING UNIT SHALL BE RELOCATED TO A PROPOSED FOUNDATION. SEE PROPOSED LIGHTING PLANS FOR MORE DETAILS.
 3. TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 1.



E-08

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 56378
 2012/11/30



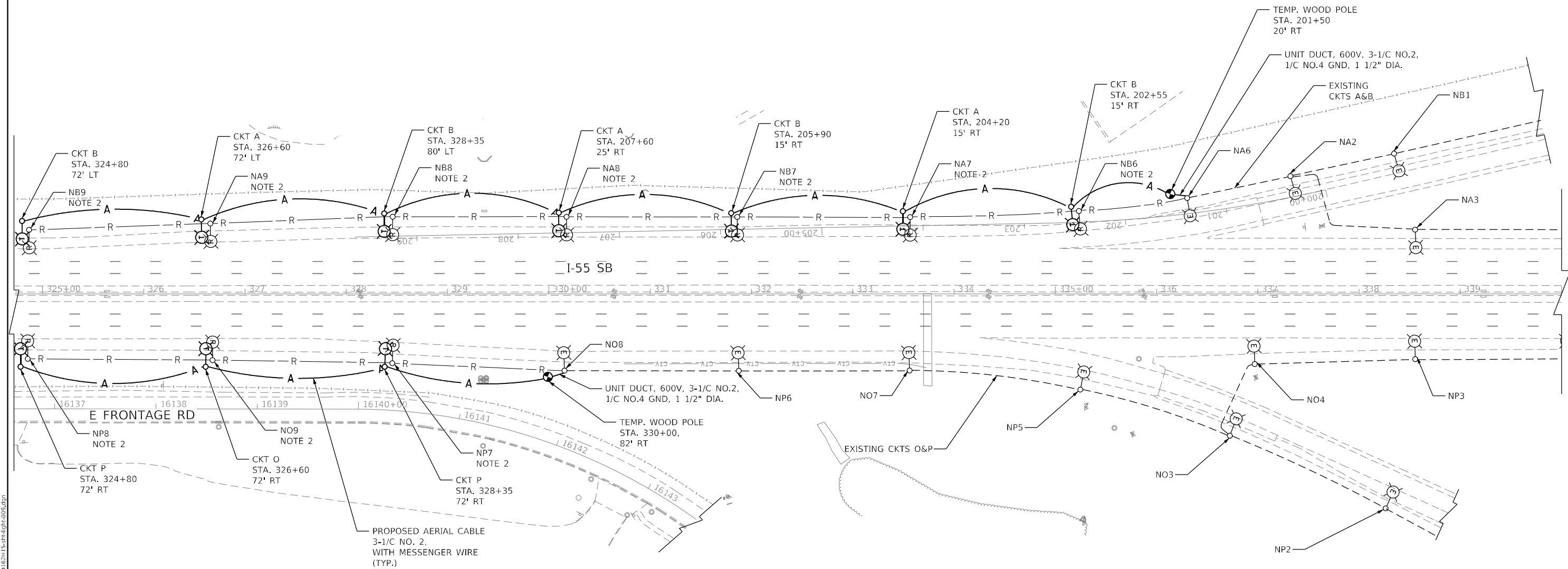
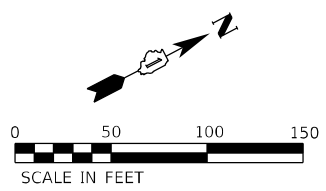
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| USER NAME = vgruskas | DESIGNED - MGARVIDA | REVISED - |
| DRAWN - H.PATEL | REVISIONS | |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

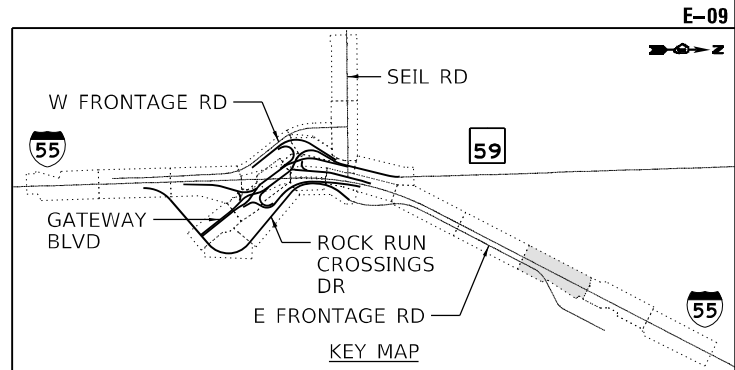
**TEMPORARY LIGHTING PLAN STAGE 1 & 1A
RAMP-D**

SCALE: 1"=50' SHEET OF SHEETS STA. 407+00 TO STA. 5519+50

| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| = | 2018-075-R | WILL | 1510 | 933 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



- NOTES:
- SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - REMOVE EXISTING LIGHTING UNIT AND FOUNDATION PRIOR TO START OF CONSTRUCTION STAGE 1. PRIOR TO REMOVAL OF EXISTING LIGHTING UNITS, TEMPORARY LIGHTING SYSTEM SHALL BE IN APPROVED OPERATION. THE REMOVED LIGHTING UNIT SHALL BE RELOCATED TO A PROPOSED FOUNDATION. SEE PROPOSED LIGHTING PLANS FOR MORE DETAILS.
 - TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 1.



MODEL: Default
 FILE: 622115-sh1-light-009.dgn
 USER: vjgurskas
 PROJECT: 622115-sh1-light-009.dgn
 SHEET: E-09



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vjgurskas | DESIGNED - MGARVIDA | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - H.PATEL | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - RPATEL | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

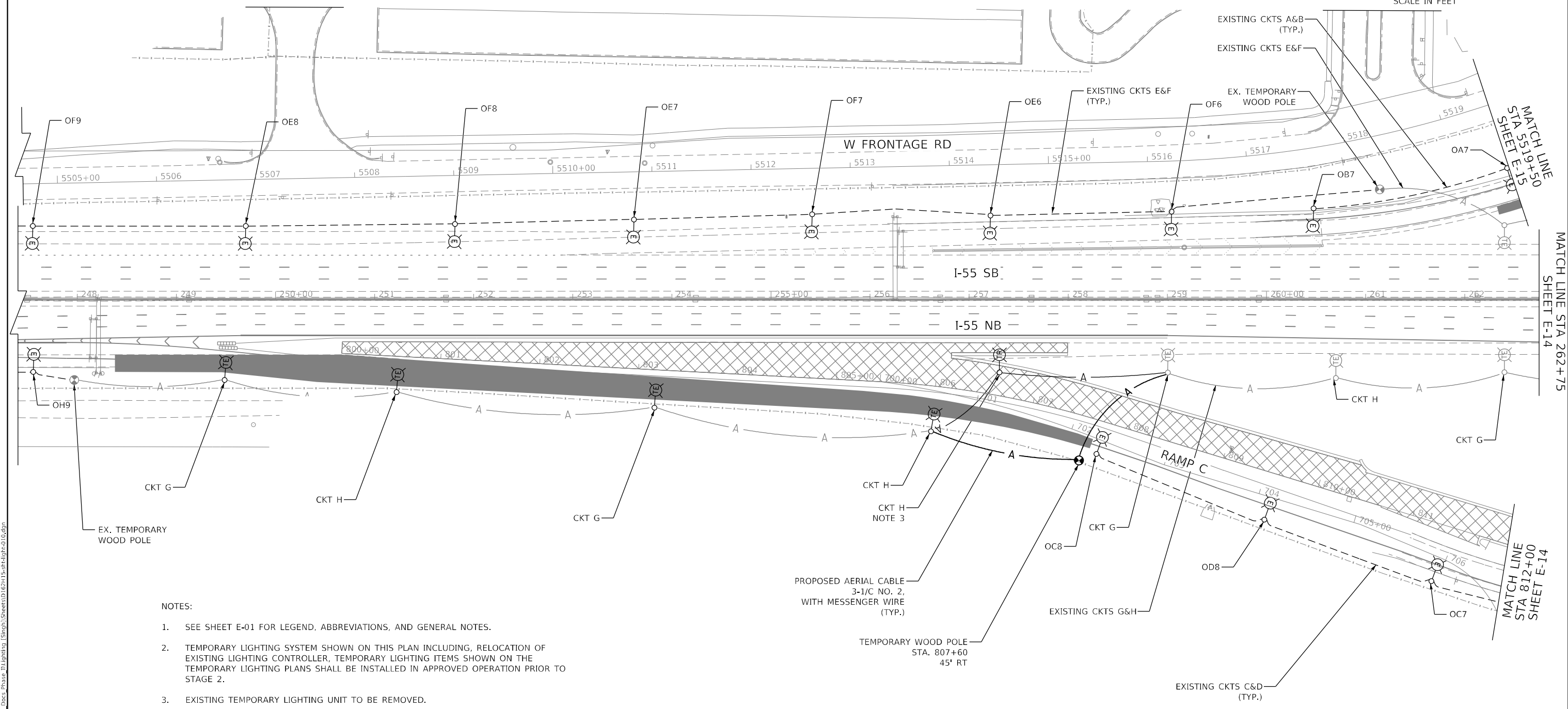
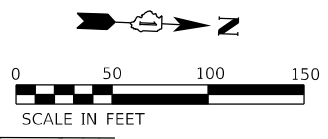
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING PLAN STAGE 1 & 1A
I-55

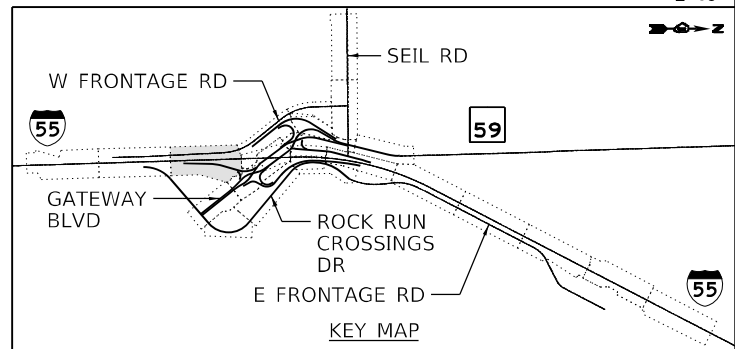
SCALE: 1"=50' SHEET OF SHEETS STA. 325+00 TO STA. 340+00

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 934 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

E-09



- NOTES:
- SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 2.
 - EXISTING TEMPORARY LIGHTING UNIT TO BE REMOVED.



MODEL: Default
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 D:\62H15-sh1-light-010.dgn
 56378
 2012/11/30



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vjguskas | DESIGNED - MGARVIDA | REVISED - |
| | DRAWN - H.PATEL | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 4/29/2022 | DATE - 04/27/2022 | REVISED - |

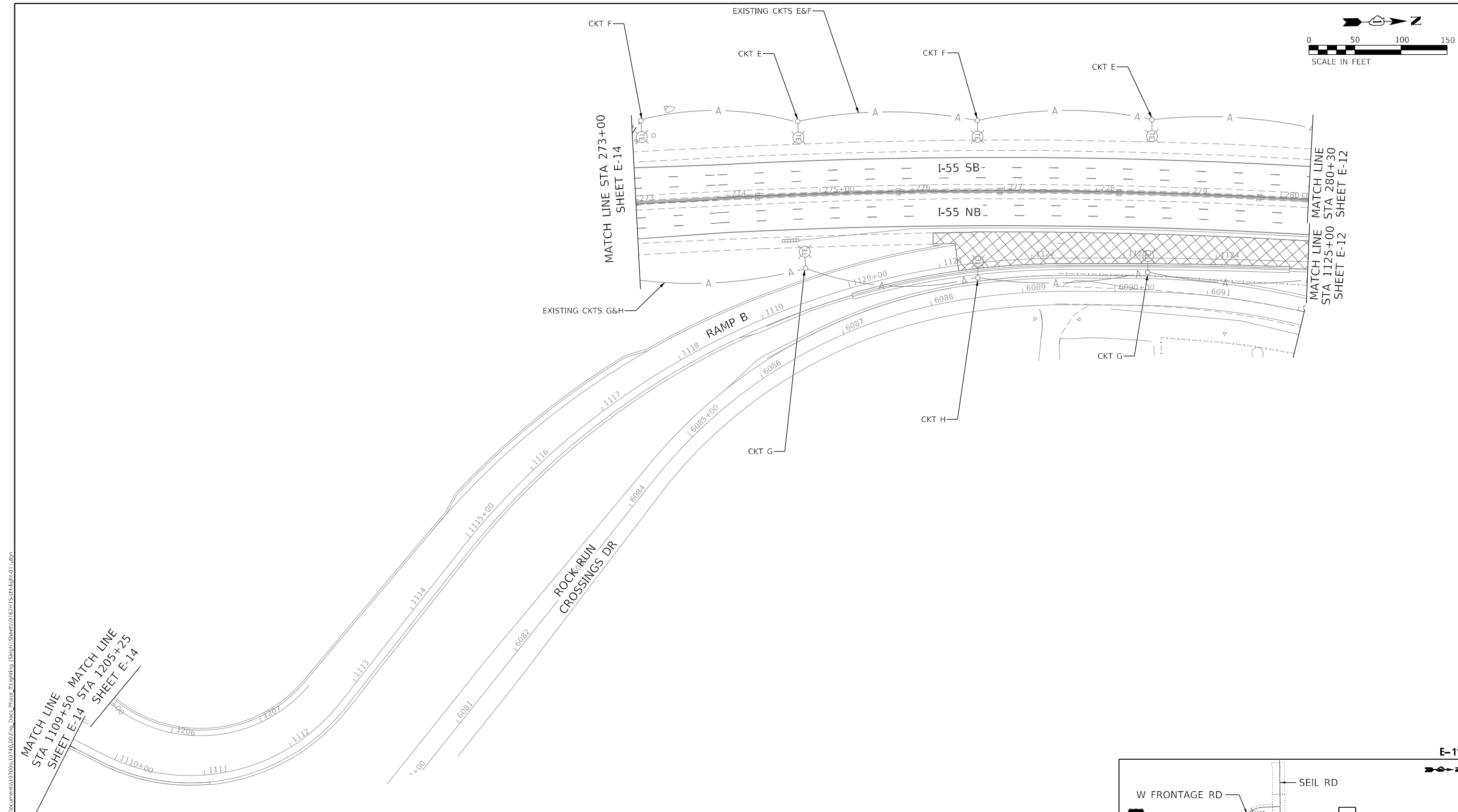
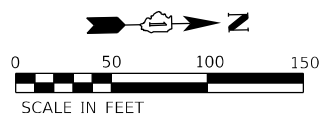
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING PLAN STAGE-2
I-55**

SCALE: 1"=50' SHEET OF SHEETS STA. 248+00 TO STA. 262+75

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| = | 2018-075-R | WILL | 1510 | 935 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

E-10

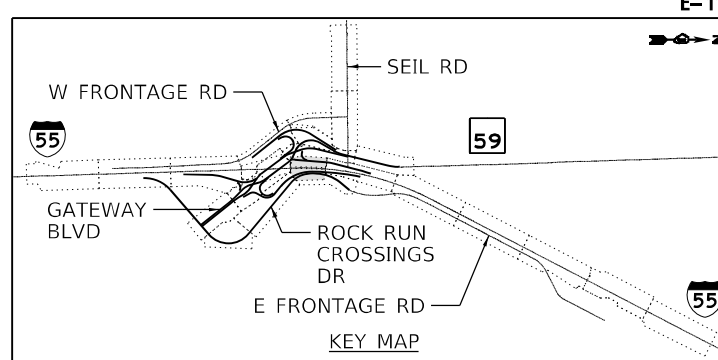


MATCH LINE
STA 1109+50 MATCH LINE
SHEET E-14 STA 1205+25
SHEET E-14

MATCH LINE STA 273+00
SHEET E-14

MATCH LINE STA 280+30
SHEET E-12

- NOTES:
- SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 2.



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vgsuskas | DESIGNED - MGARVIDA | REVISED - |
| | DRAWN - H.PATEL | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

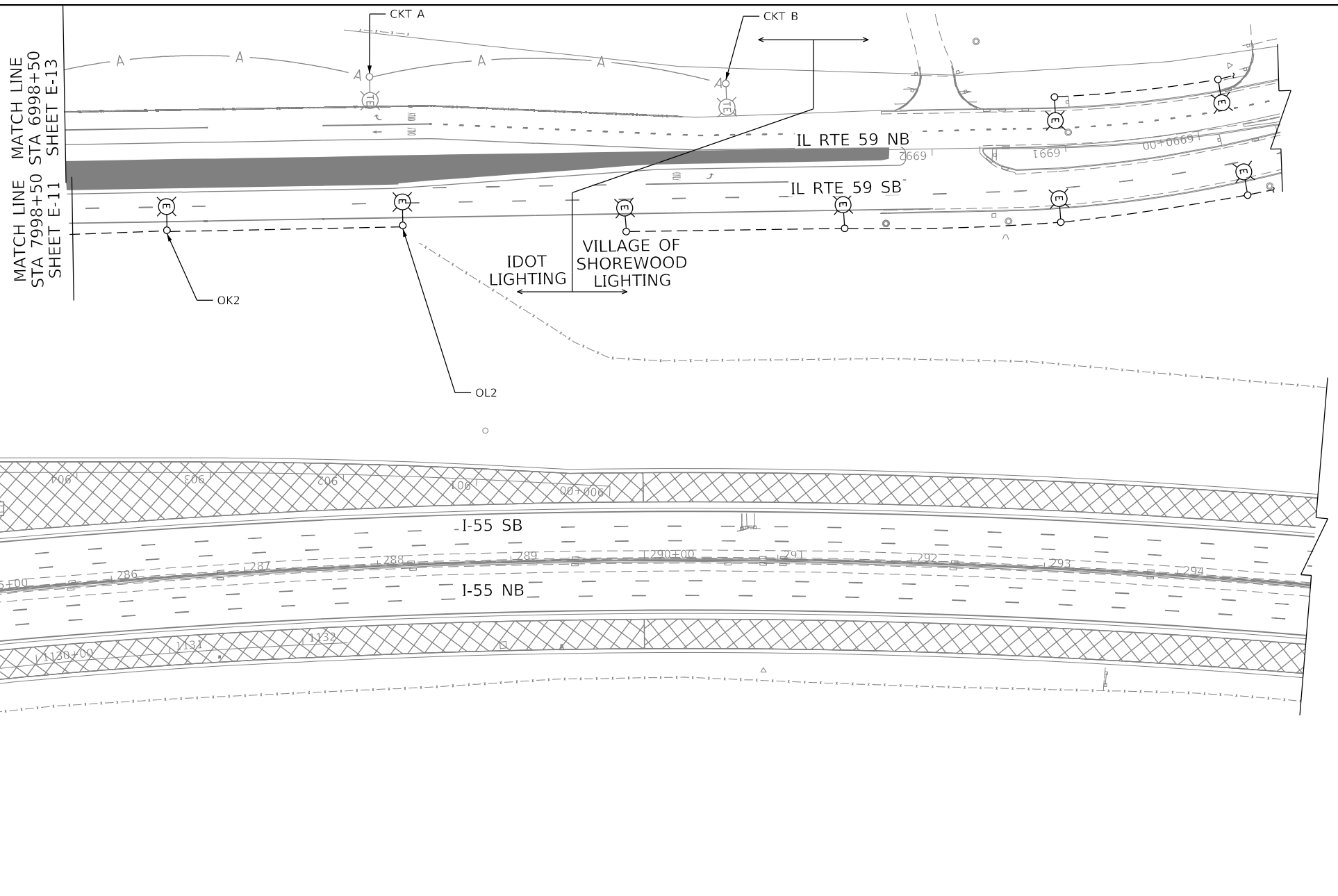
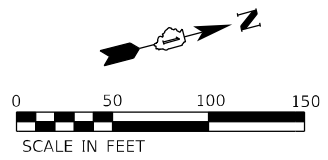
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING PLAN STAGE-2
I-55

SCALE: 1"=50' SHEET OF SHEETS STA. 273+00 TO STA. 280+30

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 936 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

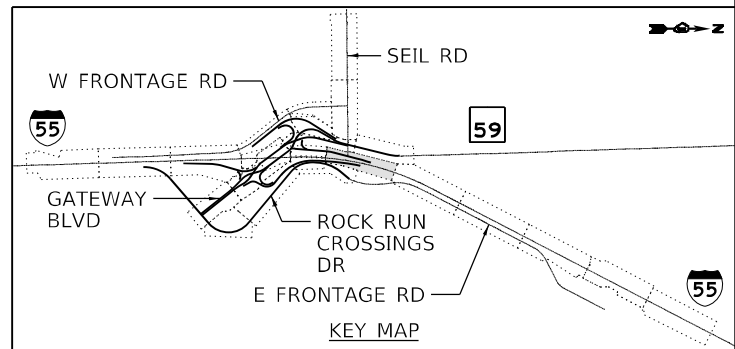
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 D:\62H15-shr-light-01.dgn
 56378
 2012/11/30



MATCH LINE STA 280+30 SHEET E-11
 MATCH LINE STA 1125+00 SHEET E-11

NOTES:

1. SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. COMPLETE TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 2.



E-12

MODEL: Default
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 56378
 2012/11/30



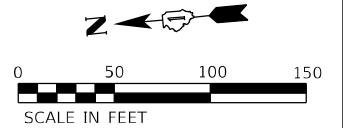
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|------------------------------|---------------------|-----------|
| USER NAME = vgsuskas | DESIGNED - MGARVIDA | REVISED - |
| | DRAWN - H.PATEL | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING PLAN STAGE-2
I-55**

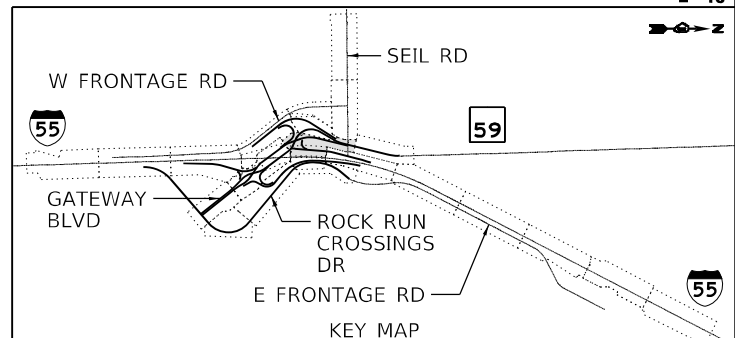
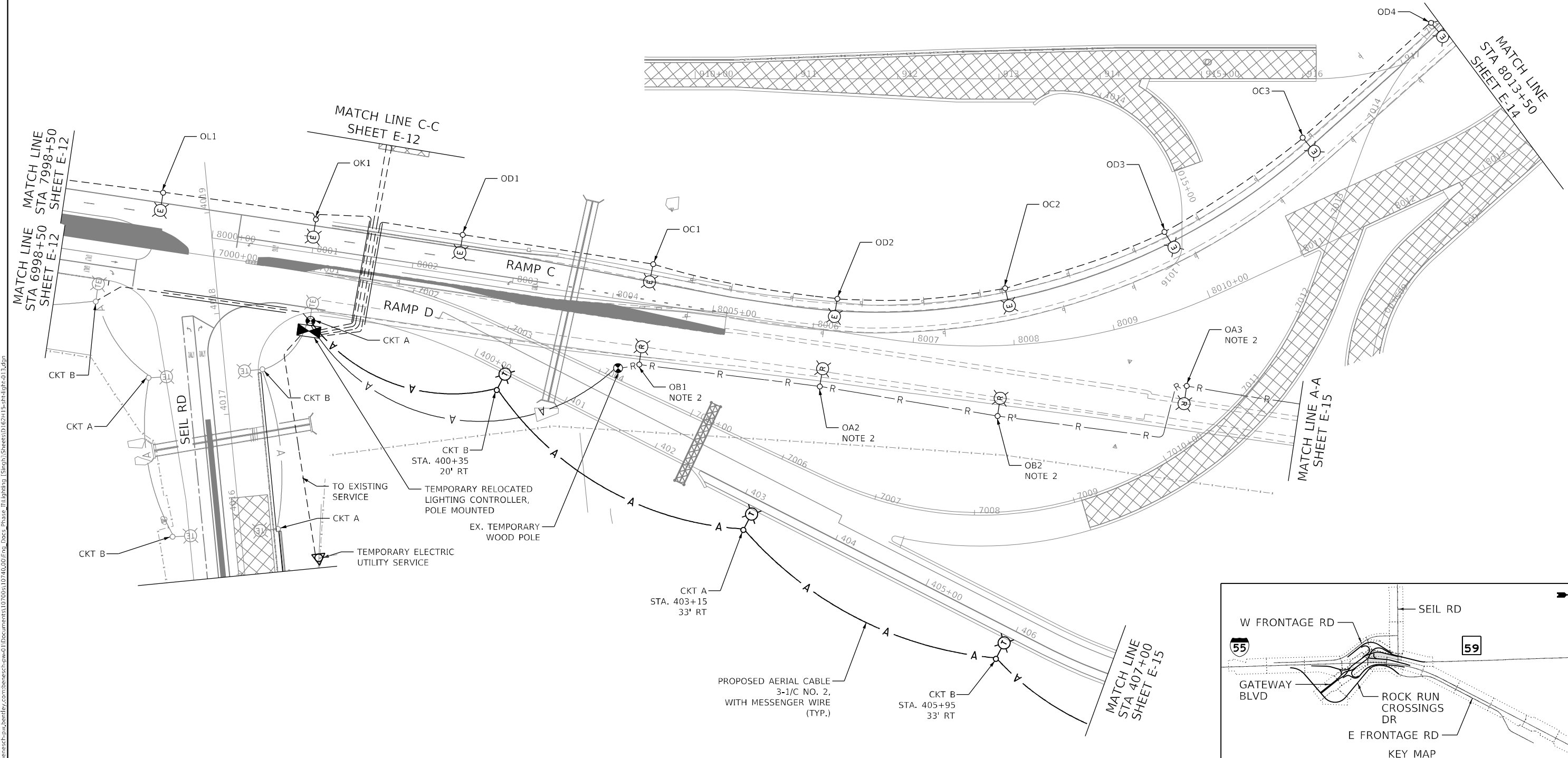
SCALE: 1"=50' SHEET OF SHEETS STA. 280+30 TO STA. 295+00

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 937 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



NOTES:

1. SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. REMOVE EXISTING LIGHTING UNIT AND FOUNDATION PRIOR TO START OF CONSTRUCTION STAGE 2. PRIOR TO REMOVAL OF EXISTING LIGHTING UNITS, TEMPORARY LIGHTING SYSTEM SHALL BE IN APPROVED OPERATION. THE REMOVED LIGHTING UNIT SHALL BE RELOCATED TO A PROPOSED FOUNDATION. SEE PROPOSED LIGHTING PLANS FOR MORE DETAILS.
3. TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 2.



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 56378
 2012/11/30



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vjgurskas | DESIGNED - MGARVIDA | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - H.PATEL | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - RPATEL | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

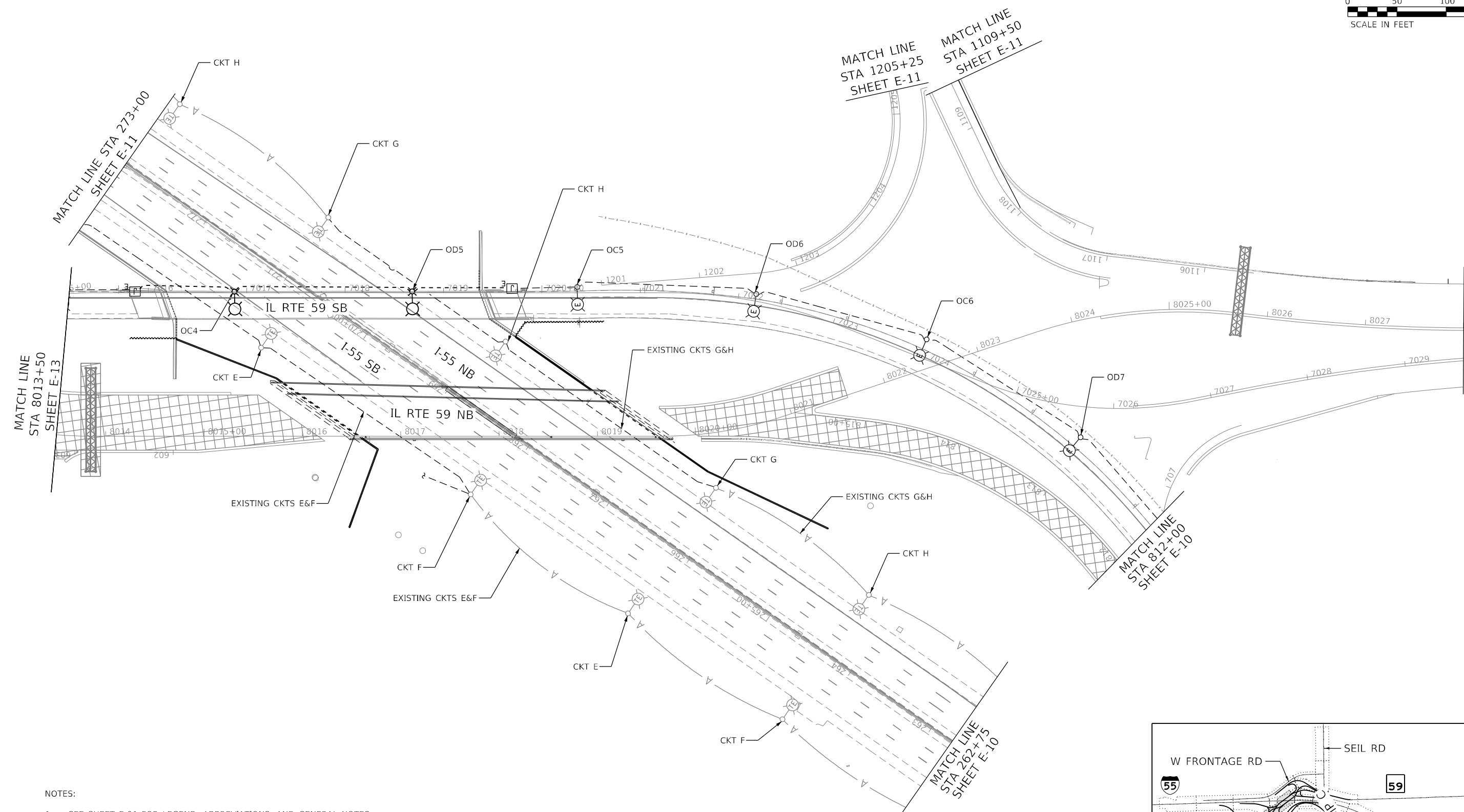
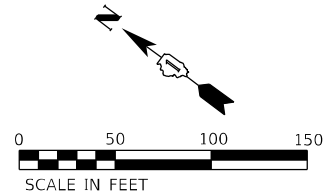
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING PLAN STAGE-2
IL RTE 59**

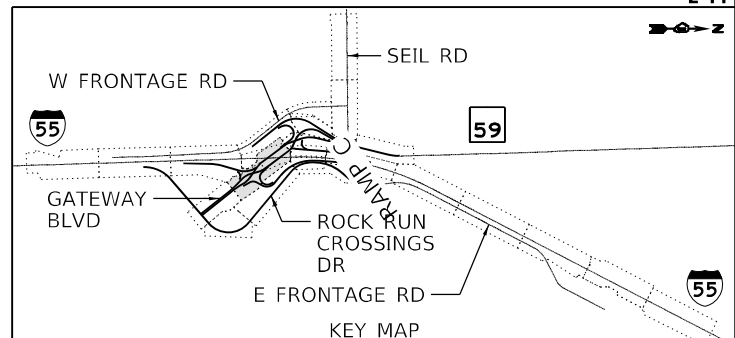
SCALE: 1"=50' SHEET OF SHEETS STA. 7998+50 TO STA. 8013+50

| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| = | 2018-075-R | WILL | 1510 | 938 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

E-13



- NOTES:
- SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 2.



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 D:\62H15-sht-light-014.dgn
 56378
 2012/11/30



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vjgurskas | DESIGNED - MGARVIDA | REVISED - |
| | DRAWN - H.PATEL | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

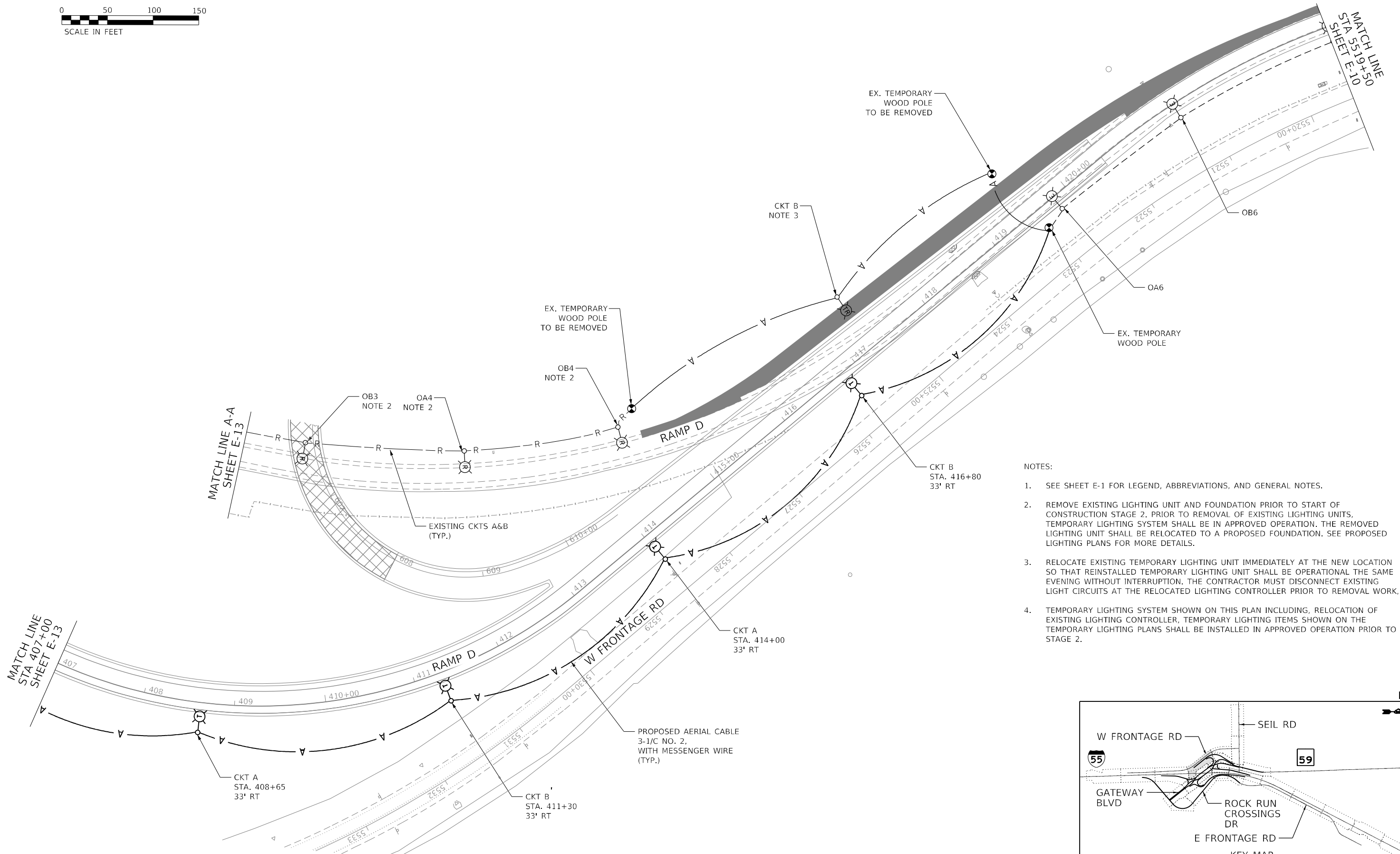
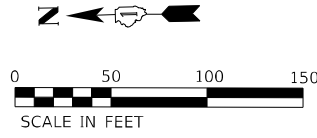
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING PLAN STAGE-2
IL RTE 59**

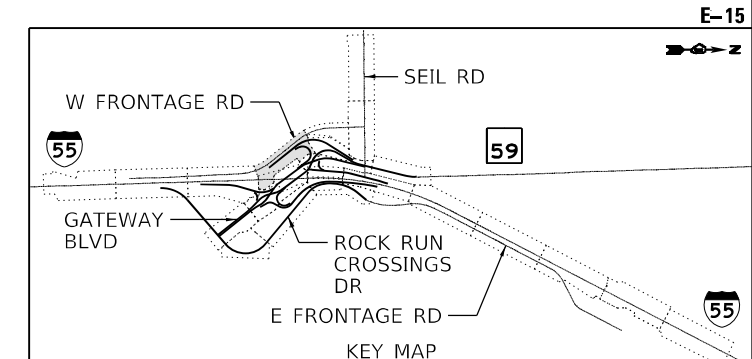
SCALE: 1"=50' SHEET OF SHEETS STA. 8013+50 TO STA. 8028+00

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 939 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

E-14



- NOTES:
1. SEE SHEET E-1 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 2. REMOVE EXISTING LIGHTING UNIT AND FOUNDATION PRIOR TO START OF CONSTRUCTION STAGE 2. PRIOR TO REMOVAL OF EXISTING LIGHTING UNITS, TEMPORARY LIGHTING SYSTEM SHALL BE IN APPROVED OPERATION. THE REMOVED LIGHTING UNIT SHALL BE RELOCATED TO A PROPOSED FOUNDATION. SEE PROPOSED LIGHTING PLANS FOR MORE DETAILS.
 3. RELOCATE EXISTING TEMPORARY LIGHTING UNIT IMMEDIATELY AT THE NEW LOCATION SO THAT REINSTALLED TEMPORARY LIGHTING UNIT SHALL BE OPERATIONAL THE SAME EVENING WITHOUT INTERRUPTION. THE CONTRACTOR MUST DISCONNECT EXISTING LIGHT CIRCUITS AT THE RELOCATED LIGHTING CONTROLLER PRIOR TO REMOVAL WORK.
 4. TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 2.



MODEL: Default
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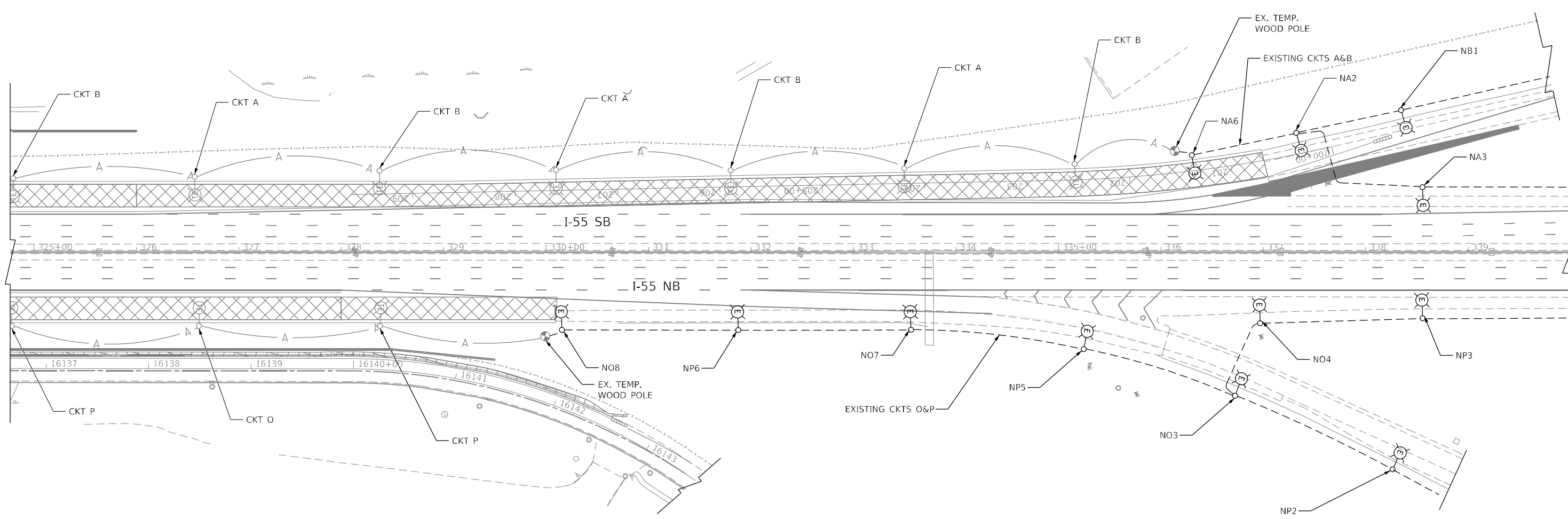
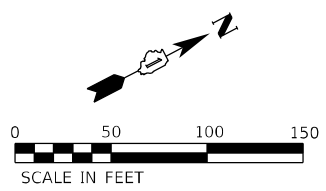
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| USER NAME = vgsuskas | DESIGNED - MGARVIDA | REVISED - |
| DRAWN - H.PATEL | REVISED - | |
| PLOT SCALE = 100,0000 ' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

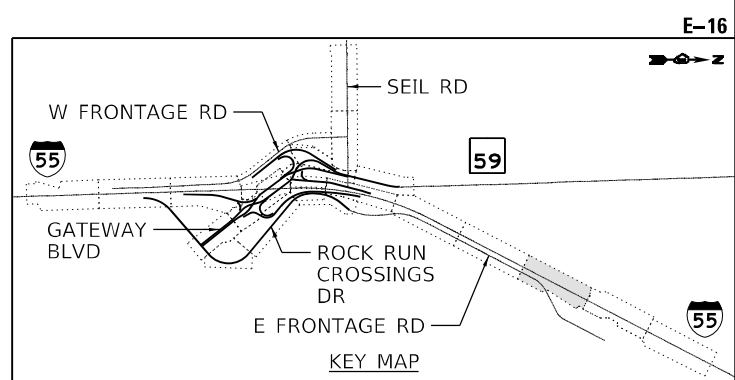
**TEMPORARY LIGHTING PLAN STAGE-2
RAMP-D**

| | | | | | | | |
|--|-----------------|-----------------------------|--------------|------------|--------|--------------|--------------------|
| SCALE: 1"=50' | SHEET OF SHEETS | STA. 407+00 TO STA. 5519+50 | F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | | 2018-075-R | WILL | 1510 | 940 |
| | | | | | | | CONTRACT NO. 62H15 |
| <small>FAI 55, FAP 338 ILLINOIS FED. AID PROJECT</small> | | | | | | | |

D:\62H15-sh-light-015.dgn
56378
2012\11\30



- NOTES:
- SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 2.



MODEL: Default
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 56378
 2012/11/30

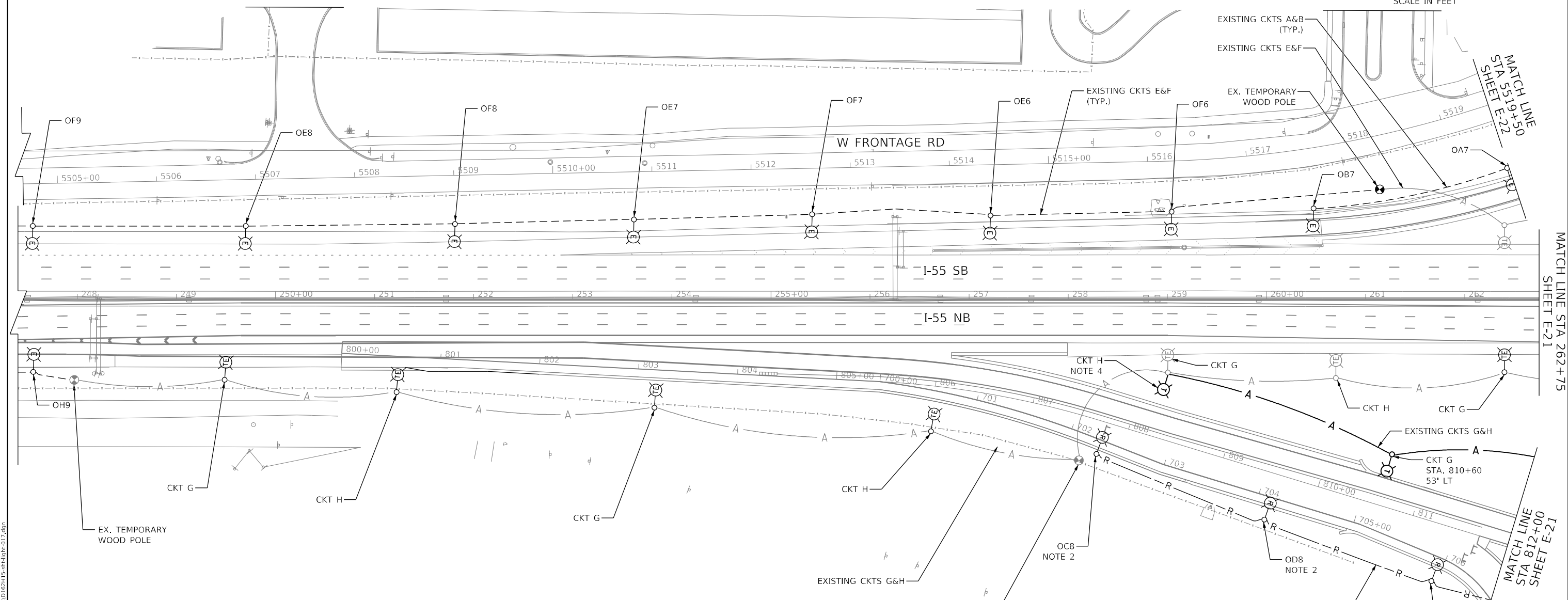
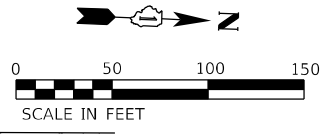


| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vguorskas | DESIGNED - MGARVIDA | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - H.PATEL | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - RPATEL | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

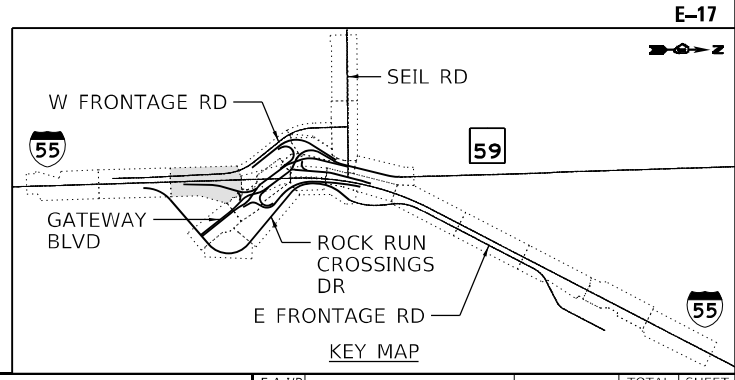
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|--|-------------|----|-------------|
| TEMPORARY LIGHTING PLAN STAGE-2 | | | |
| I-55 | | | |
| SCALE: 1"=50' | SHEET | OF | SHEETS |
| | STA. 325+00 | TO | STA. 340+00 |

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 941 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



- NOTES:**
- SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - REMOVE EXISTING LIGHTING UNIT AND FOUNDATION PRIOR TO START OF CONSTRUCTION STAGE 2A. PRIOR TO REMOVAL OF EXISTING LIGHTING UNITS, TEMPORARY LIGHTING SYSTEM SHALL BE IN APPROVED OPERATION. THE REMOVED LIGHTING UNIT SHALL BE RELOCATED TO A PROPOSED FOUNDATION. SEE PROPOSED LIGHTING PLANS FOR MORE DETAILS.
 - TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 2A.
 - PROVIDE TEMPORARY MAST ARM, 15 FT ON EXISTING TEMPORARY WOOD POLE.



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 56378
 2012/11/30



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vgsuskas | DESIGNED - MGARVIDA | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - H.PATEL | REVISED - |
| PLOT DATE = 4/29/2022 | CHECKED - R.PATEL | REVISED - |
| | DATE - 04/27/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING PLAN STAGE-2A & 3
I-55

SCALE: 1"=50' SHEET OF SHEETS STA. 248+00 TO STA. 262+75

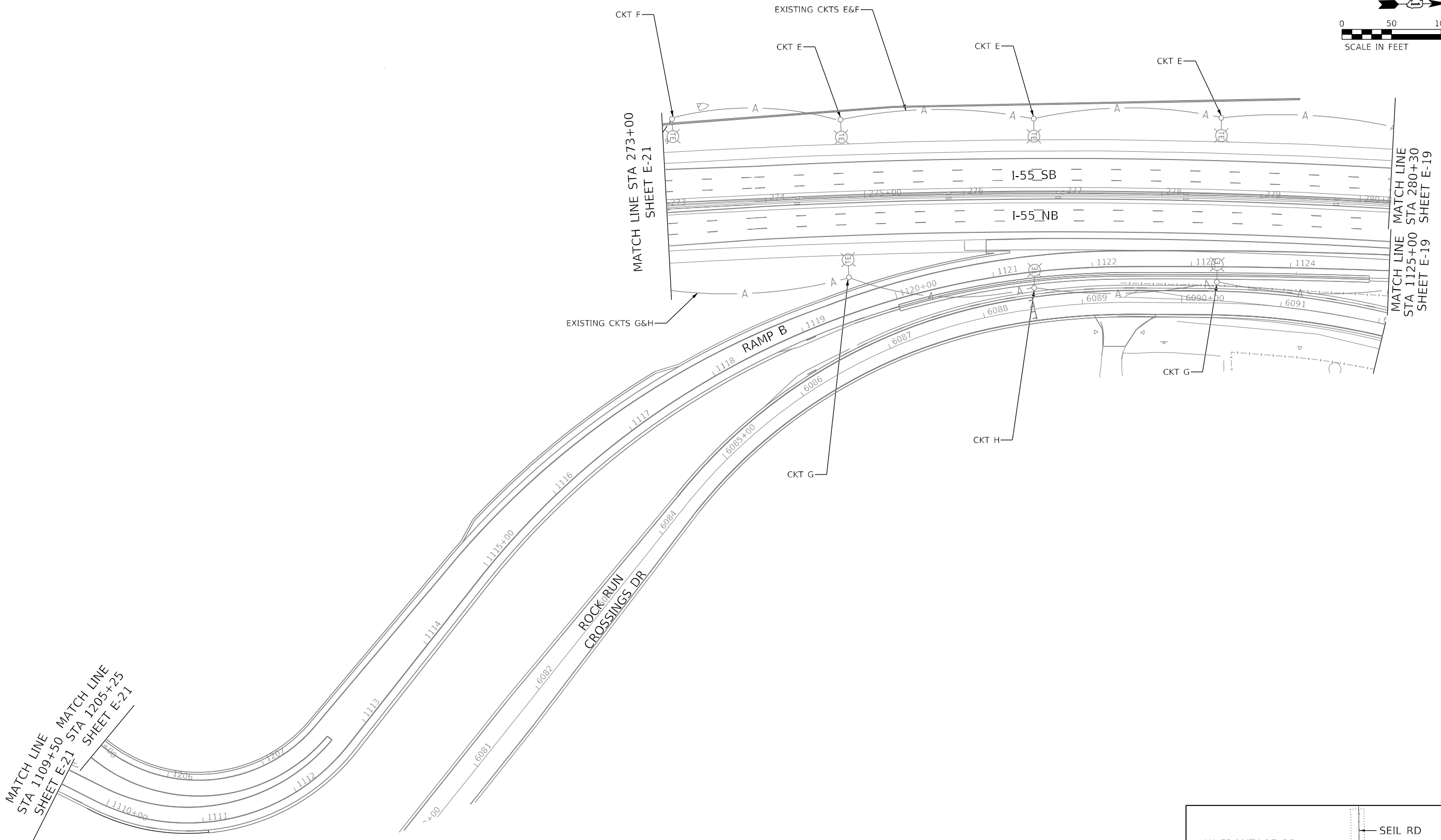
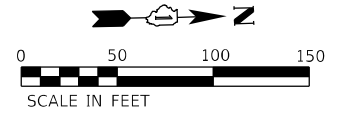
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|---|------------|--------|--------------|-----------|
| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| = | 2018-075-R | WILL | 1510 | 942 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

MATCH LINE STA 262+75 SHEET E-21

MATCH LINE STA 5519+50 SHEET E-22

MATCH LINE STA 812+00 SHEET E-21

E-17



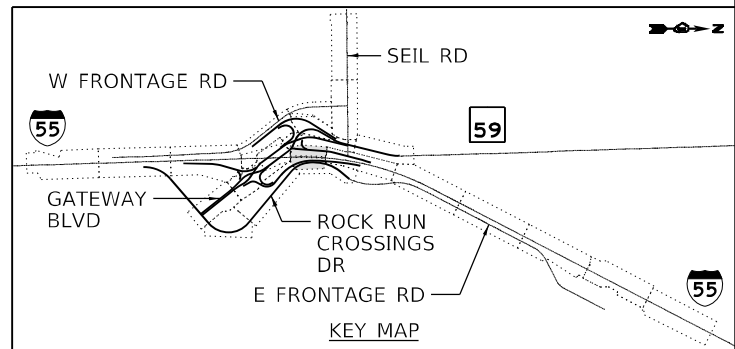
MATCH LINE STA 1109+50 MATCH LINE SHEET E-21 STA 1205+25 SHEET E-21

MATCH LINE STA 273+00 SHEET E-21

MATCH LINE STA 280+30 SHEET E-19

NOTES:

- SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
- TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 2A.



E-18

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 56378
 2012/11/30



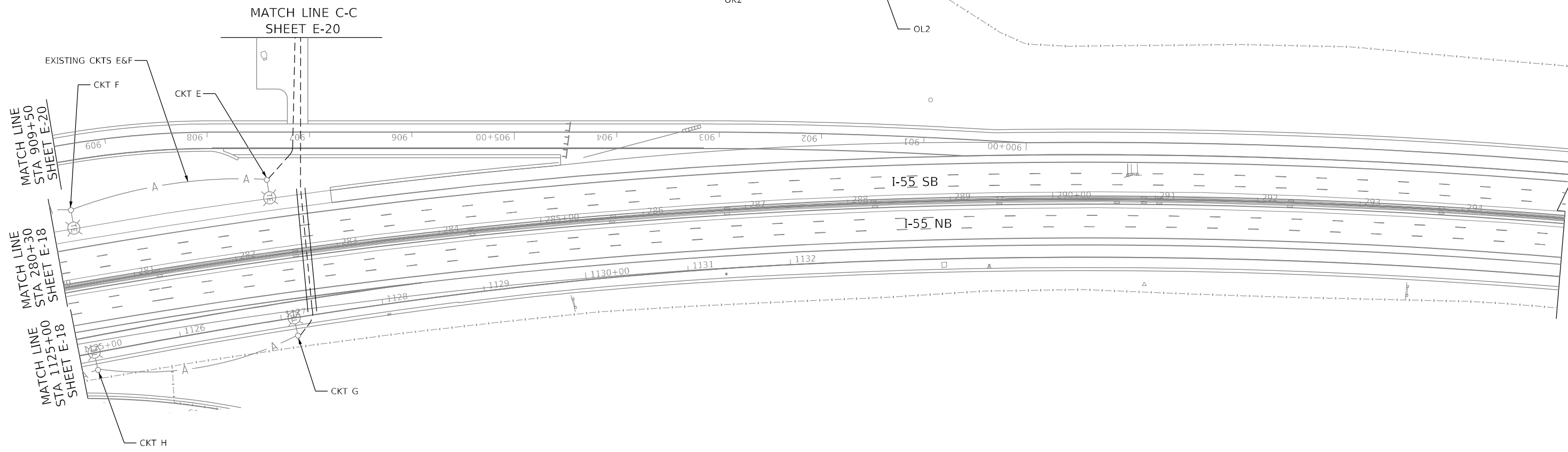
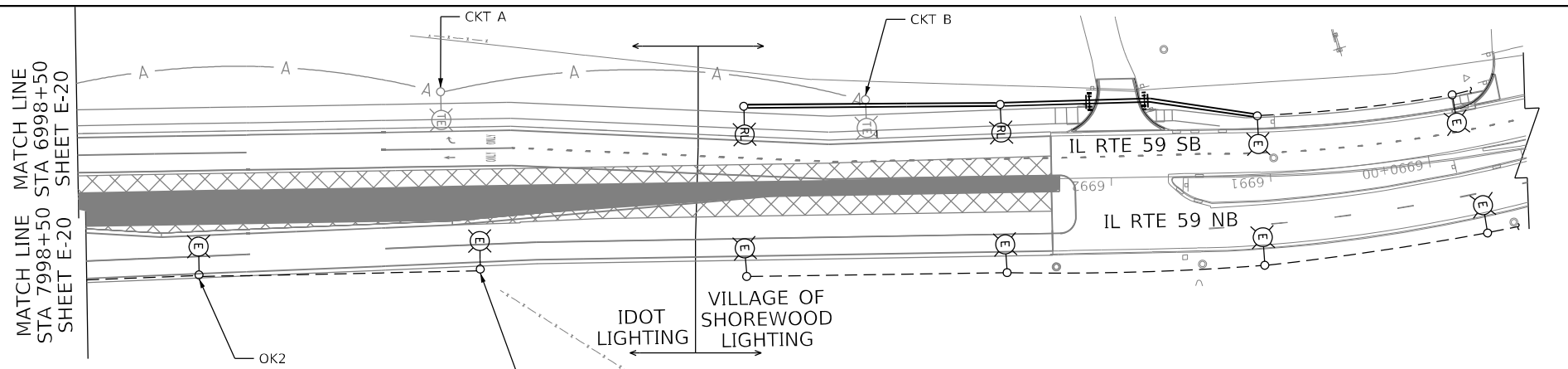
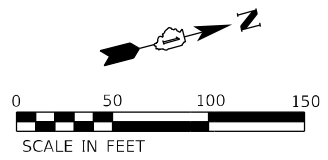
| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vgruskas | DESIGNED - MGARVIDA | REVISED - |
| | DRAWN - H.PATEL | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIGHTING PLAN STAGE-2A & 3
I-55

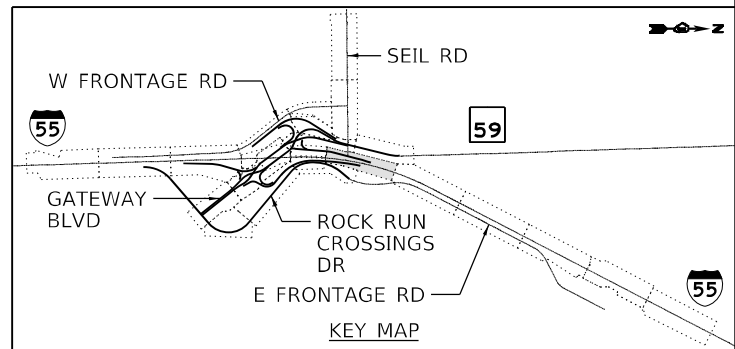
SCALE: 1"=50' SHEET OF SHEETS STA. 273+00 TO STA. 280+30

| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| | 2018-075-R | WILL | 1510 | 943 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



NOTES:

1. SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 2A.



E-19

MODEL: Default
 FILE: \\nautilus.pw.usbnet\share\pwr\com\benesch\pwr\01\Documents\62H15-Sht-light-019.dgn
 D:\62H15-Sht-light-019.dgn
 56378
 2012/11/30



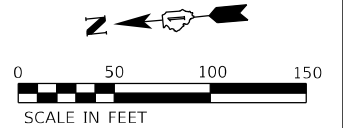
| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vgsuskas | DESIGNED - MGARVIDA | REVISED - |
| | DRAWN - H.PATEL | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING PLAN STAGE-2A & 3
I-55**

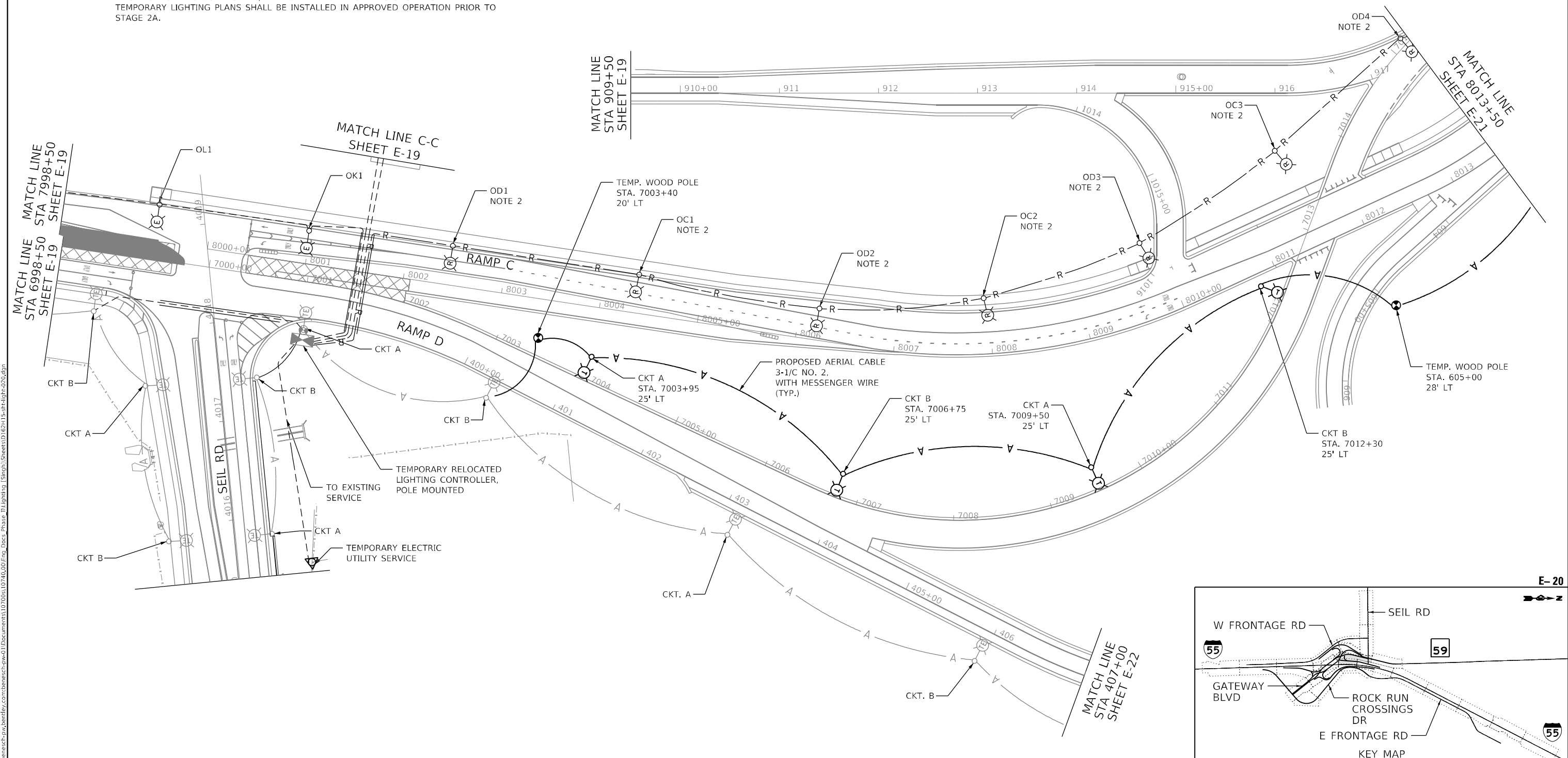
SCALE: 1"=50' SHEET OF SHEETS STA. 280+30 TO STA. 295+00

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| = | 2018-075-R | WILL | 1510 | 944 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



NOTES:

1. SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. REMOVE EXISTING LIGHTING UNIT AND FOUNDATION PRIOR TO START OF CONSTRUCTION STAGE 2A. PRIOR TO REMOVAL OF EXISTING LIGHTING UNITS, TEMPORARY LIGHTING SYSTEM SHALL BE IN APPROVED OPERATION. THE REMOVED LIGHTING UNIT SHALL BE RELOCATED TO A PROPOSED FOUNDATION. SEE PROPOSED LIGHTING PLANS FOR MORE DETAILS.
3. TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 2A.



MODEL: Default
 FILE: 201211130
 PROJECT: 201211130
 USER: vjguskas
 DATE: 4/29/2022
 TIME: 10:40:00 AM
 PLOT: 201211130
 PLOT DATE: 4/29/2022
 PLOT TIME: 10:40:00 AM
 PLOT SCALE: 100,0000' / in.
 PLOT DATE: 4/29/2022



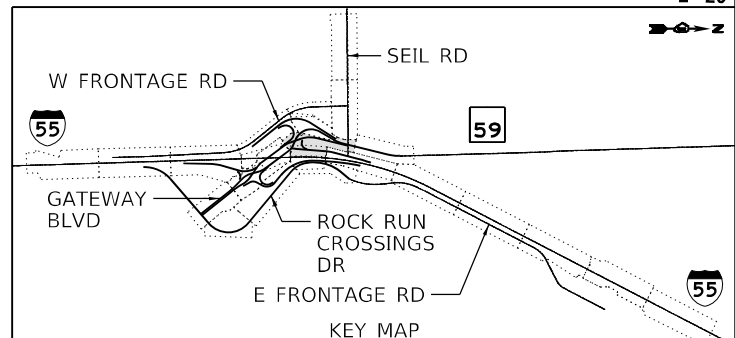
| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vjguskas | DESIGNED - MGARVIDA | REVISED - |
| | DRAWN - H.PATEL | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 4/29/2022 | DATE - 04/27/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING PLAN STAGE-2A & 3
IL RTE 59**

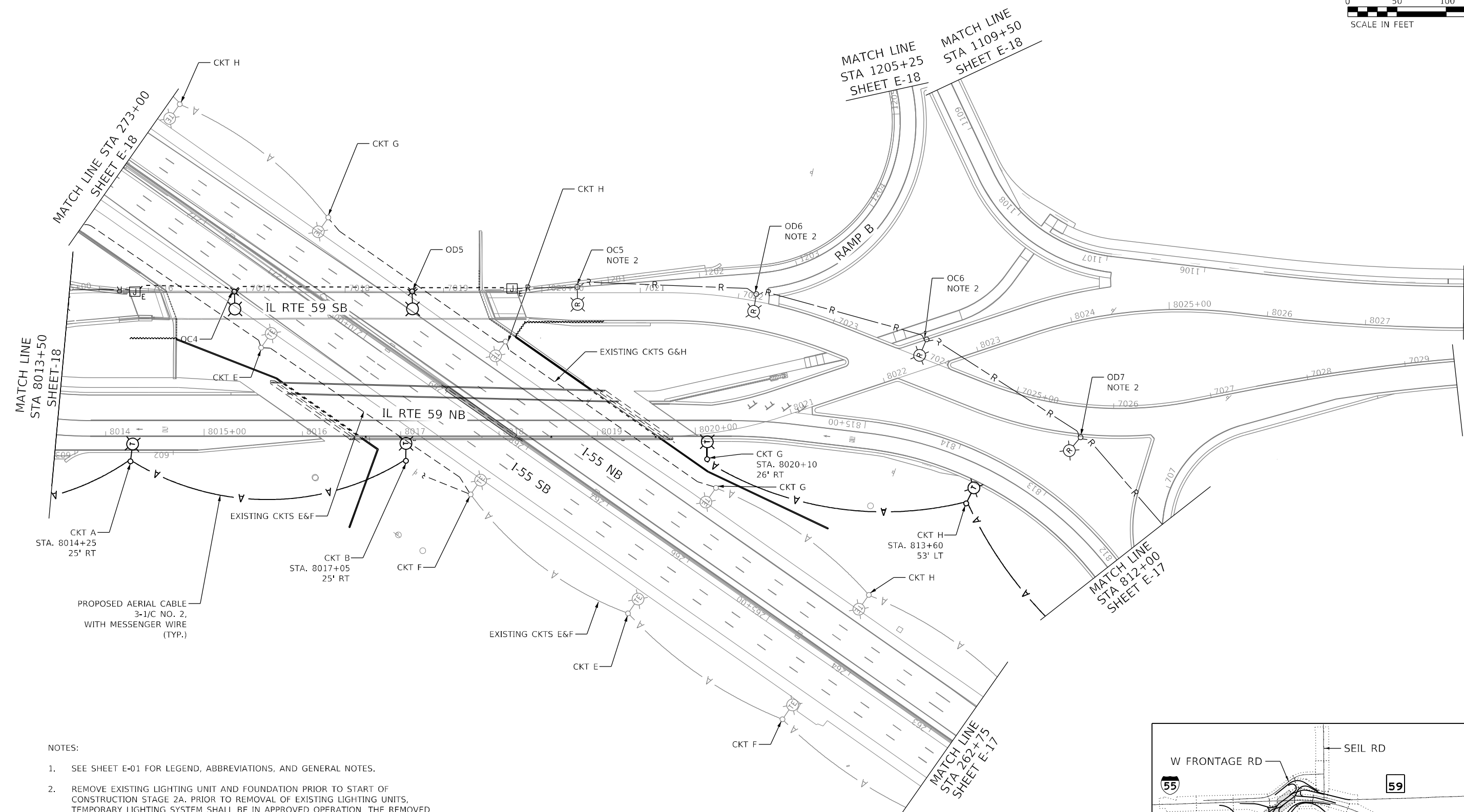
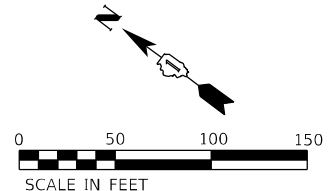
SCALE: 1"=50' SHEET OF SHEETS STA. 7998+50 TO STA. 8013+50

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 945 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

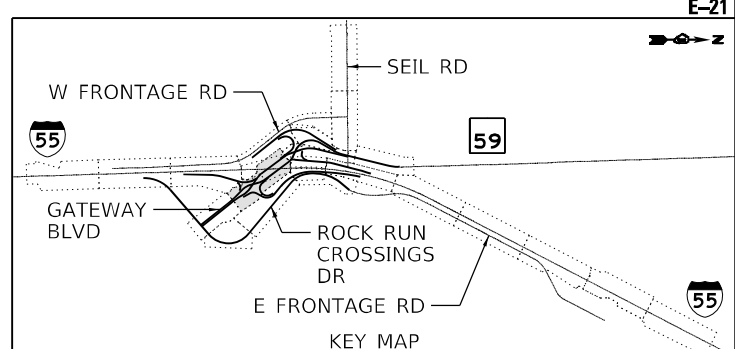


E-20

D:\162H15-sht-light-020.dgn
56378
2012/11/30



- NOTES:
- SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - REMOVE EXISTING LIGHTING UNIT AND FOUNDATION PRIOR TO START OF CONSTRUCTION STAGE 2A. PRIOR TO REMOVAL OF EXISTING LIGHTING UNITS, TEMPORARY LIGHTING SYSTEM SHALL BE IN APPROVED OPERATION. THE REMOVED LIGHTING UNIT SHALL BE RELOCATED TO A PROPOSED FOUNDATION. SEE PROPOSED LIGHTING PLANS FOR MORE DETAILS.
 - TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 2A.



MODEL: Default
 FILE: \\nautilus.pw.usbancorp.com\share\proj\62H15-sht-light-021.dgn
 D:\62H15-sht-light-021.dgn
 56378
 2012/11/30



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vjgurskas | DESIGNED - MGARVIDA | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - H.PATEL | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - RPATEL | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

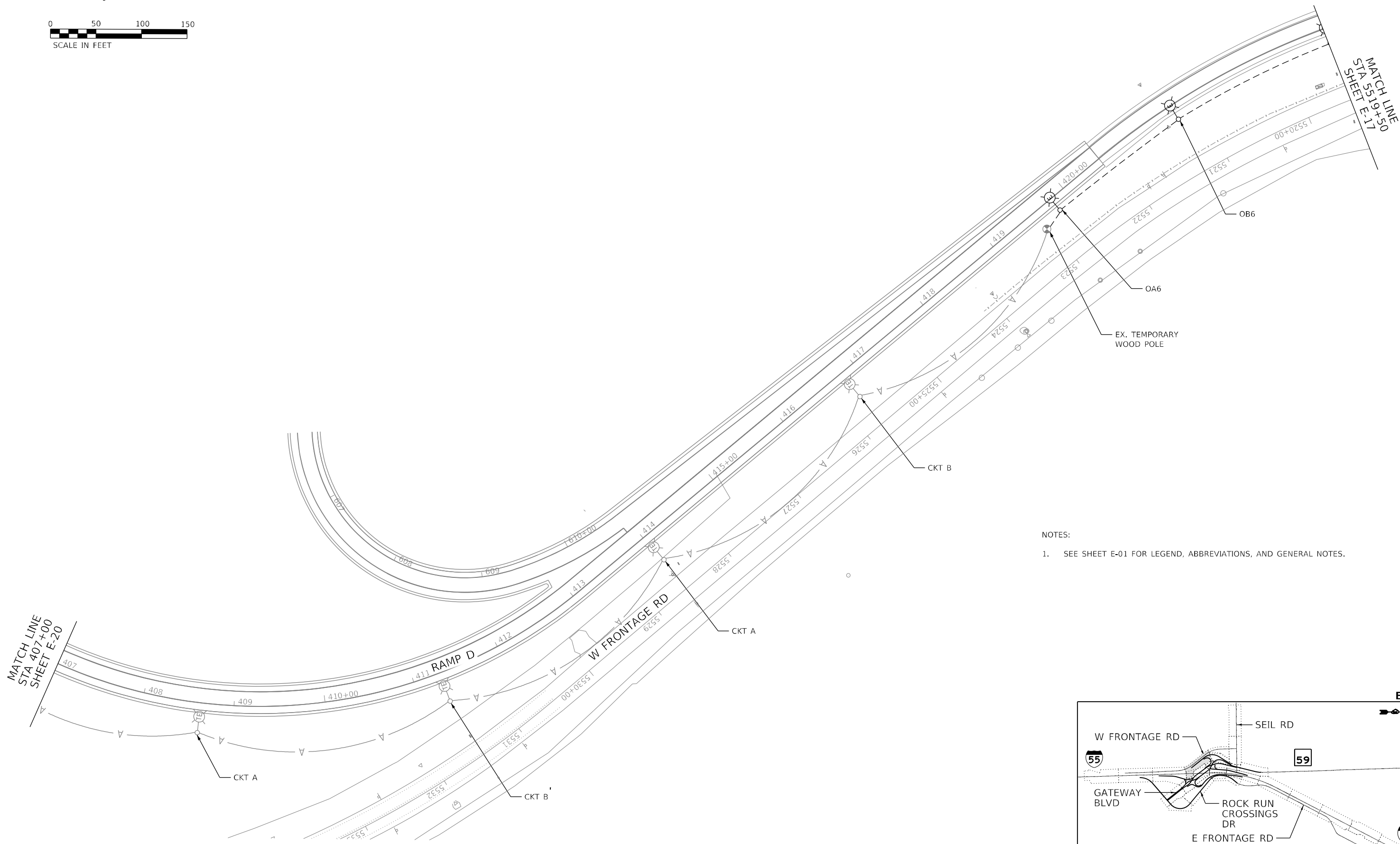
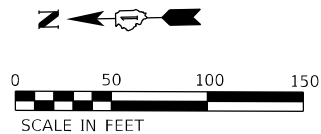
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY LIGHTING PLAN STAGE-2A & 3
IL RTE 59**

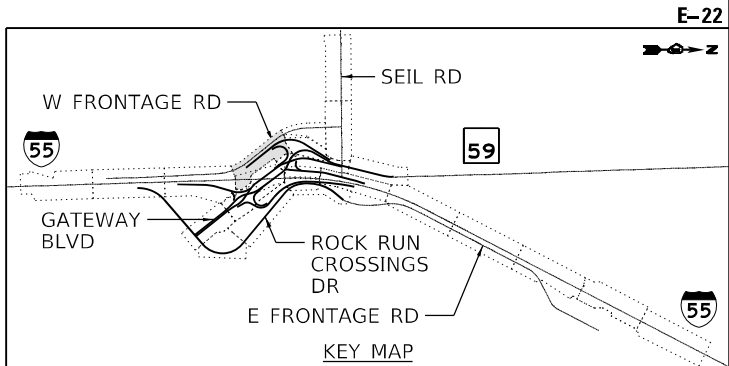
SCALE: 1"=50' SHEET OF SHEETS STA. 8013+50 TO STA. 8028+00

| | | | | |
|---|------------|--------|-----------------|--------------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| = | 2018-075-R | WILL | 1510 | 946 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

E-21



- NOTES:
- SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.



E-22

MODEL: D:\default...
 FILE: NAME: ...
 D:\162H15-sht-light-022.dgn
 56378
 2012/11/30



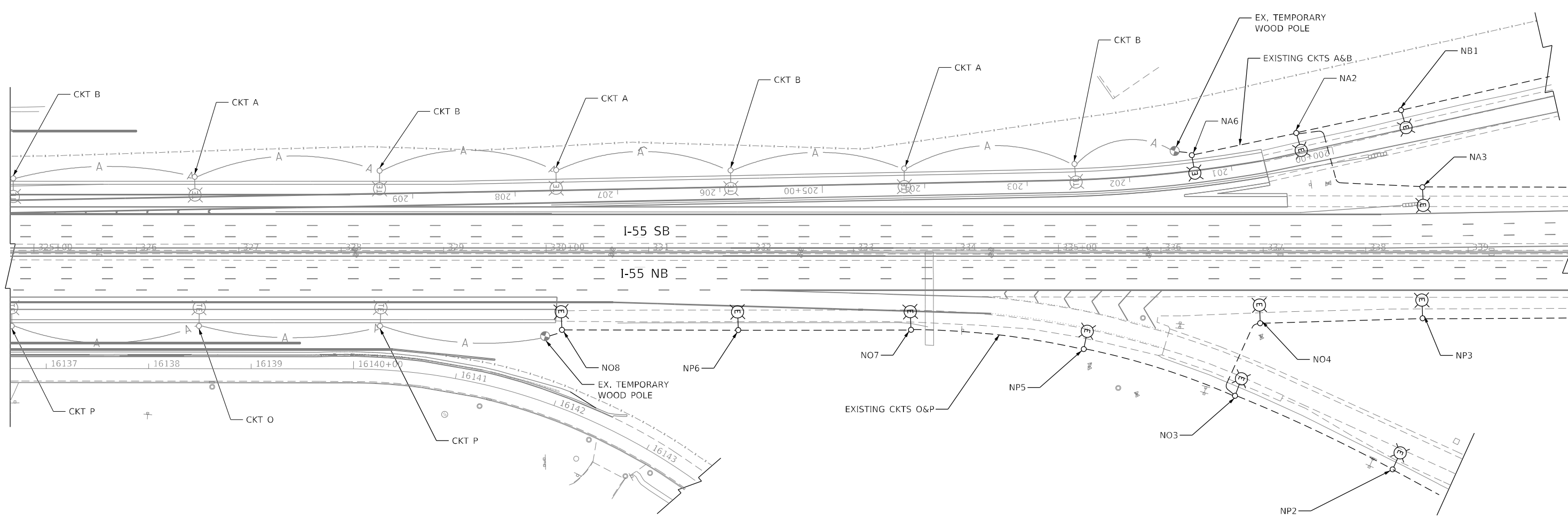
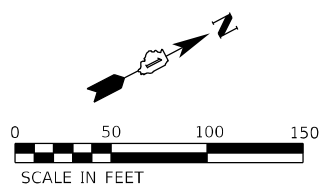
| | | |
|------------------------------|---------------------|-------------|
| USER NAME = vgsuskas | DESIGNED - MGARVIDA | REVISED - |
| DRAWN - H.PATEL | REVISIONS - | |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISIONS - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISIONS - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

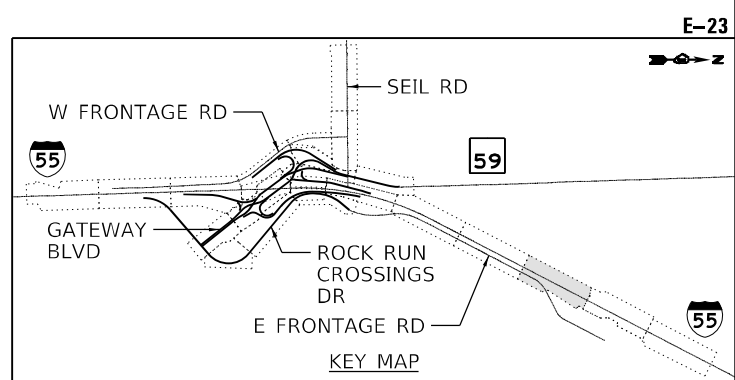
**TEMPORARY LIGHTING PLAN STAGE-2A & 3
RAMP-D**

SCALE: 1"=50' SHEET OF SHEETS STA. 407+00 TO STA. 5519+50

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 947 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



- NOTES:
- SEE SHEET E-01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - TEMPORARY LIGHTING SYSTEM SHOWN ON THIS PLAN INCLUDING, RELOCATION OF EXISTING LIGHTING CONTROLLER, TEMPORARY LIGHTING ITEMS SHOWN ON THE TEMPORARY LIGHTING PLANS SHALL BE INSTALLED IN APPROVED OPERATION PRIOR TO STAGE 2A.



MODEL: Default
 FILE: 62H15-sh1-light-023.dgn
 PROJECT: 62H15-sh1-light-023.dgn
 PHASE: 11-11-2022
 USER: vgsuskas
 DATE: 3/9/2022



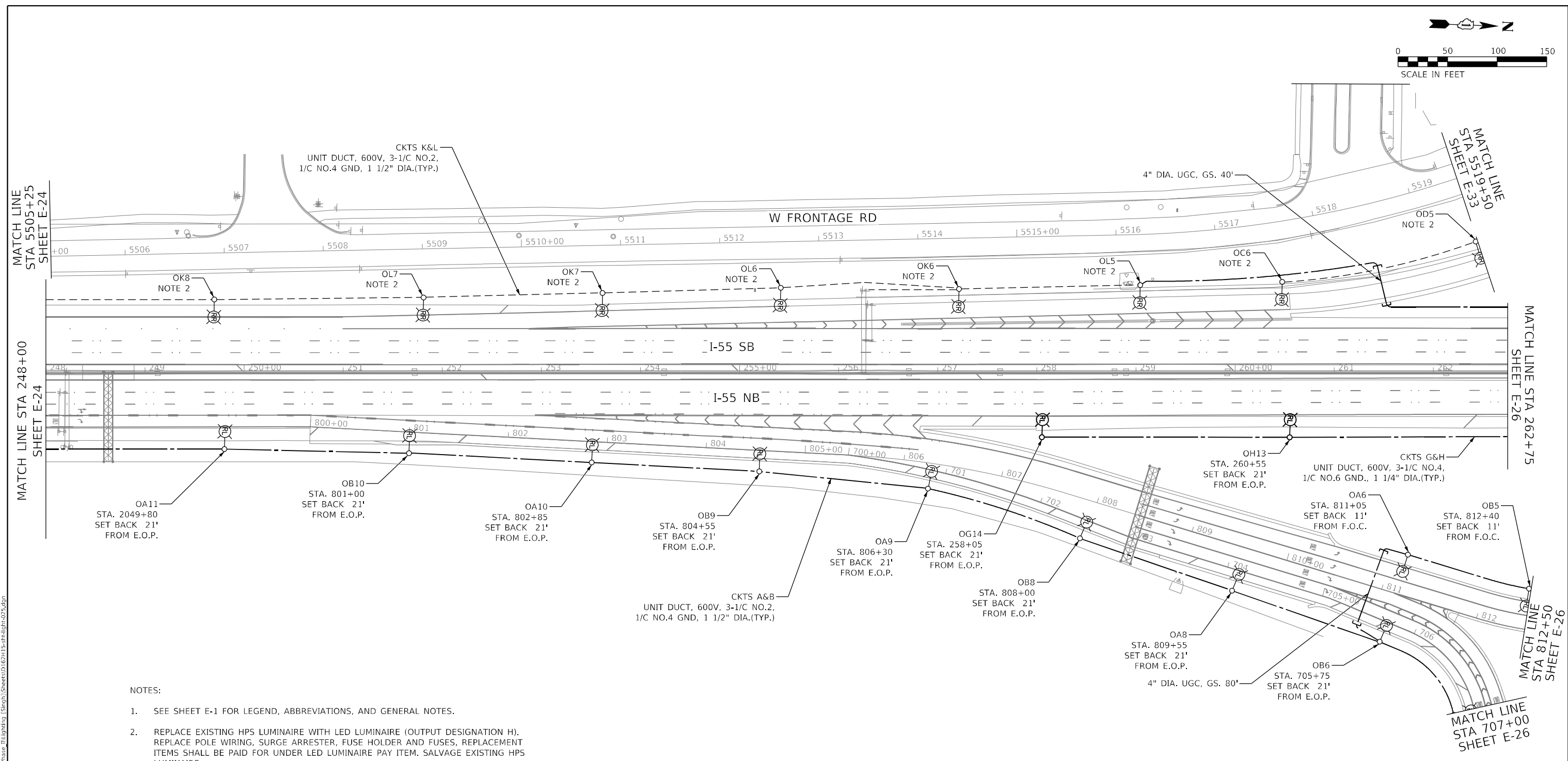
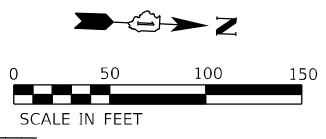
| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vgsuskas | DESIGNED - MGARVIDA | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - H.PATEL | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - RPATEL | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

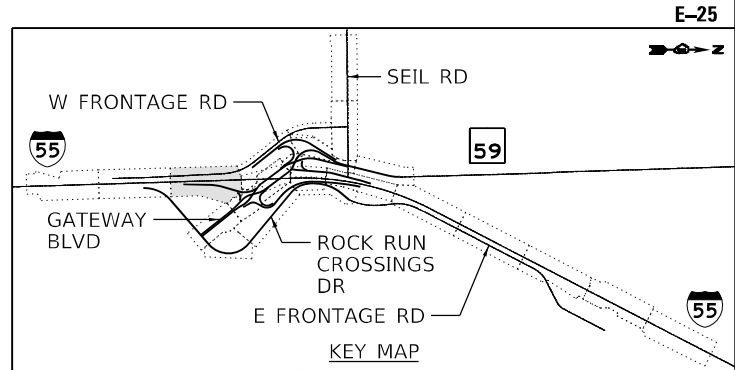
**TEMPORARY LIGHTING PLAN STAGE-2A & 3
I-55**

SCALE: 1"=50' SHEET OF SHEETS STA. 325+00 TO STA. 340+00

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 948 |
| CONTRACT NO. 62H15 | | | | |
| F.A.I 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



- NOTES:
- SEE SHEET E-1 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - REPLACE EXISTING HPS LUMINAIRE WITH LED LUMINAIRE (OUTPUT DESIGNATION H). REPLACE POLE WIRING, SURGE ARRESTER, FUSE HOLDER AND FUSES. REPLACEMENT ITEMS SHALL BE PAID FOR UNDER LED LUMINAIRE PAY ITEM. SALVAGE EXISTING HPS LUMINAIRE.



MODEL: Default
 FILE: \\nailes\pub\ubenech-pw\benfby.com\benfby.com\benfby.com\107005\10740_00\Eng_Docs_Phase_II\Lighting\Sheet\107005\10740_00\Light-025.dgn
 D:\162H15-sht-light-025.dgn
 56378
 2012/11/30



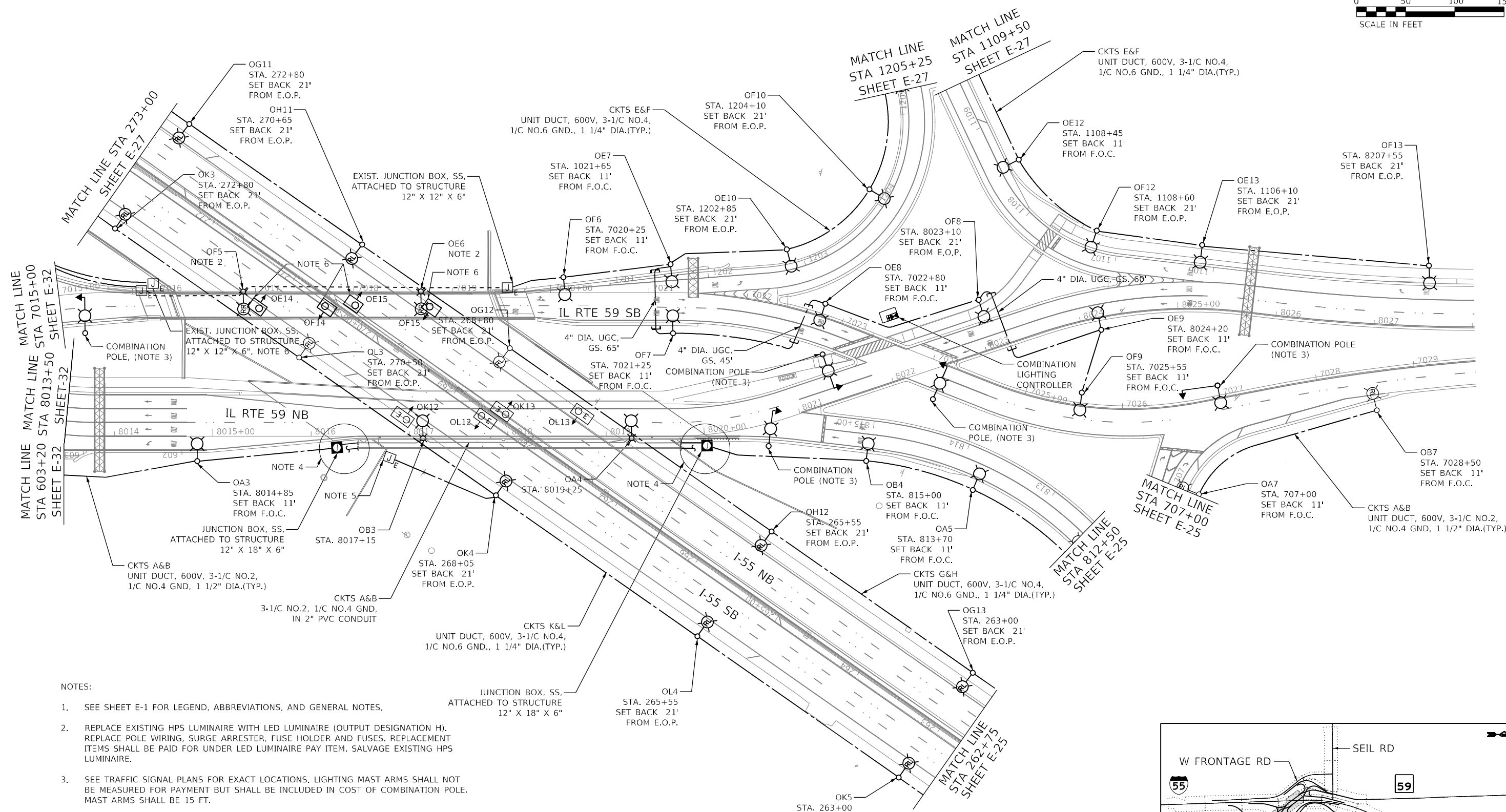
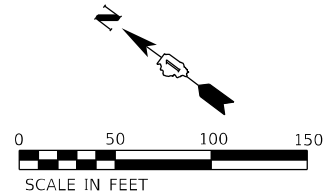
| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vгурskas | DESIGNED - VGURSKAS | REVISED - |
| | DRAWN - UMERDAMERT | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 4/29/2022 | DATE - 04/27/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

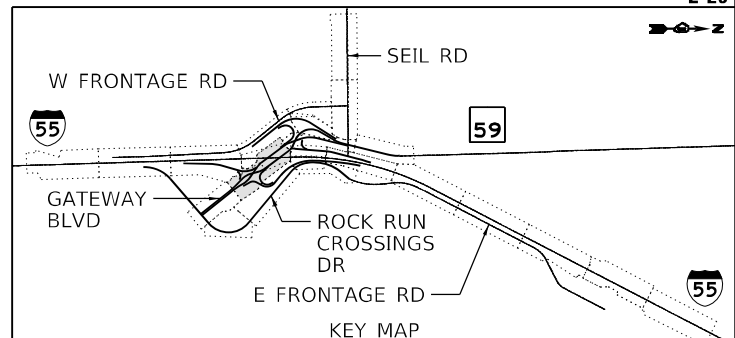
**PROPOSED LIGHTING PLAN
I-55**

SCALE: 1"=50' SHEET OF SHEETS STA. 248+00 TO STA. 262+75

| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| 55 | 2018-075-R | WILL | 1510 | 950 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



- NOTES:
- SEE SHEET E-1 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - REPLACE EXISTING HPS LUMINAIRE WITH LED LUMINAIRE (OUTPUT DESIGNATION H). REPLACE POLE WIRING, SURGE ARRESTER, FUSE HOLDER AND FUSES. REPLACEMENT ITEMS SHALL BE PAID FOR UNDER LED LUMINAIRE PAY ITEM. SALVAGE EXISTING HPS LUMINAIRE.
 - SEE TRAFFIC SIGNAL PLANS FOR EXACT LOCATIONS. LIGHTING MAST ARMS SHALL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCLUDED IN COST OF COMBINATION POLE. MAST ARMS SHALL BE 15 FT.
 - SEE SHEET E-36 FOR EMBEDDED CONDUIT INSTALLATION DETAILS.
 - REFEED EXISTING UNDERPASS LIGHTING INSTALLED UNDER CONTRACT 62M63.
 - REFEED EXISTING UNDERPASS LIGHTING. REPLACE EXISTING HPS LUMINAIRES WITH LED.



MODEL: Default
 FILE: 62H15-Proposed Lighting Plan - Phase 1 Lighting Plan - 04/29/2022.dwg
 PROJECT: 62H15-Proposed Lighting Plan - Phase 1 Lighting Plan - 04/29/2022.dwg
 USER: vgvurskas
 DATE: 04/27/2022
 TIME: 11:30



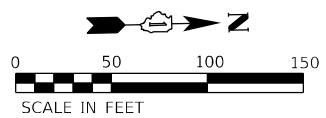
| | | |
|------------------------------|----------------------|-----------|
| USER NAME = vgvurskas | DESIGNED - VGVURSKAS | REVISED - |
| DRAWN - UMERDAMERT | REVISIONS | |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 4/29/2022 | DATE - 04/27/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
IL RTE 59**

SCALE: 1"=50' SHEET OF SHEETS STA. 8013+50 TO STA. 8028+00

| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| | 2018-075-R | WILL | 1510 | 951 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



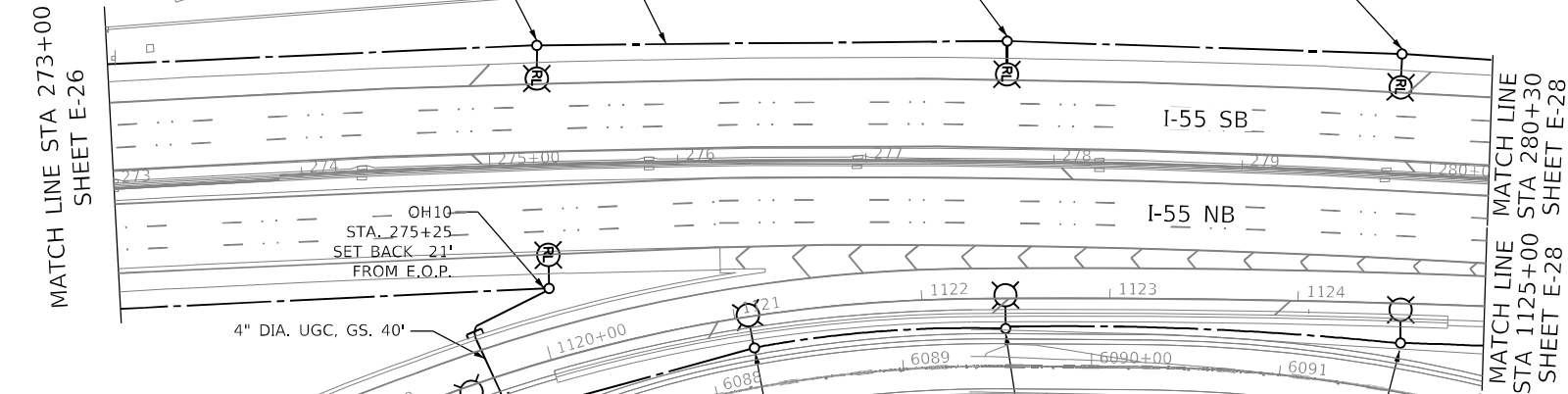
UNIT DUCT, 600V, 3-1/C NO.4,
1/C NO.6 GND. 1 1/4" DIA.(TYP.)

CKTS K&L

OL2
STA. 275+25
SET BACK 21'
FROM E.O.P.

OK2
STA. 277+75
SET BACK 21'
FROM E.O.P.

OL1
STA. 279+80
SET BACK 21'
FROM E.O.P.



OH10
STA. 275+25
SET BACK 21'
FROM E.O.P.

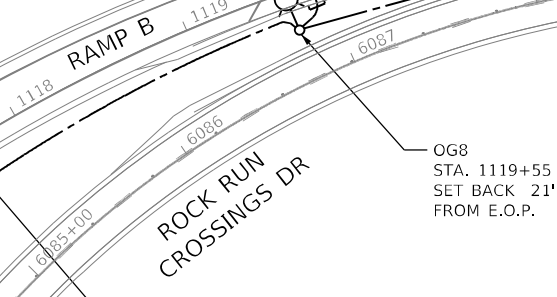
4" DIA. UGC. GS. 40'

OG8
STA. 1119+55
SET BACK 21'
FROM E.O.P.

OH7
STA. 1121+05
SET BACK 11'
FROM F.O.C.

OG7
STA. 1122+45
SET BACK 11'
FROM F.O.C.

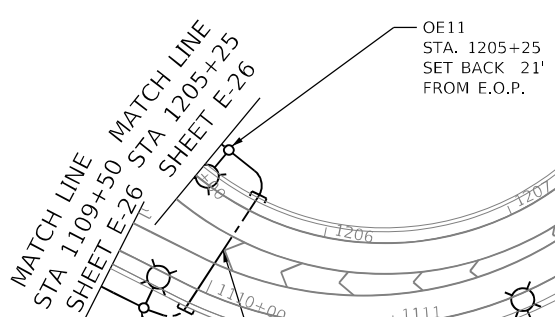
OH6
STA. 1124+55
SET BACK 21'
FROM E.O.P.



OH8
STA. 1117+65
SET BACK 21'
FROM E.O.P.

CKTS G&H
UNIT DUCT, 600V, 3-1/C NO.4,
1/C NO.6 GND., 1 1/4" DIA.(TYP.)

OG9
STA. 1115+65
SET BACK 21'
FROM E.O.P.



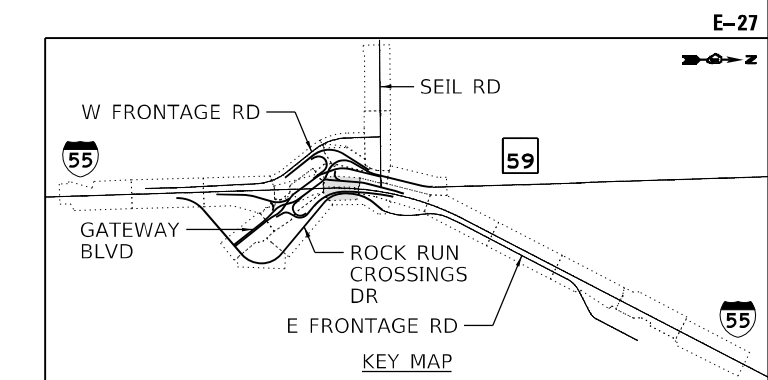
OE11
STA. 1205+25
SET BACK 21'
FROM E.O.P.

4" DIA. UGC. GS. 75'

OF11
STA. 1109+75
SET BACK 21'
FROM E.O.P.

OG10
STA. 1111+75
SET BACK 21'
FROM E.O.P.

- NOTES:
- SEE SHEET E-1 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - REPLACE EXISTING HPS LUMINAIRE WITH LED LUMINAIRE (OUTPUT DESIGNATION H). REPLACE POLE WIRING, SURGE ARRESTER, FUSE HOLDER AND FUSES. REPLACEMENT ITEMS SHALL BE PAID FOR UNDER LED LUMINAIRE PAY ITEM. SALVAGE EXISTING HPS LUMINAIRE.



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vgvurskas | DESIGNED - VGURSKAS | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - UMERDAMERT | REVISED - |
| PLOT DATE = 4/29/2022 | CHECKED - RPATEL | REVISED - |
| | DATE - 04/27/2022 | REVISED - |

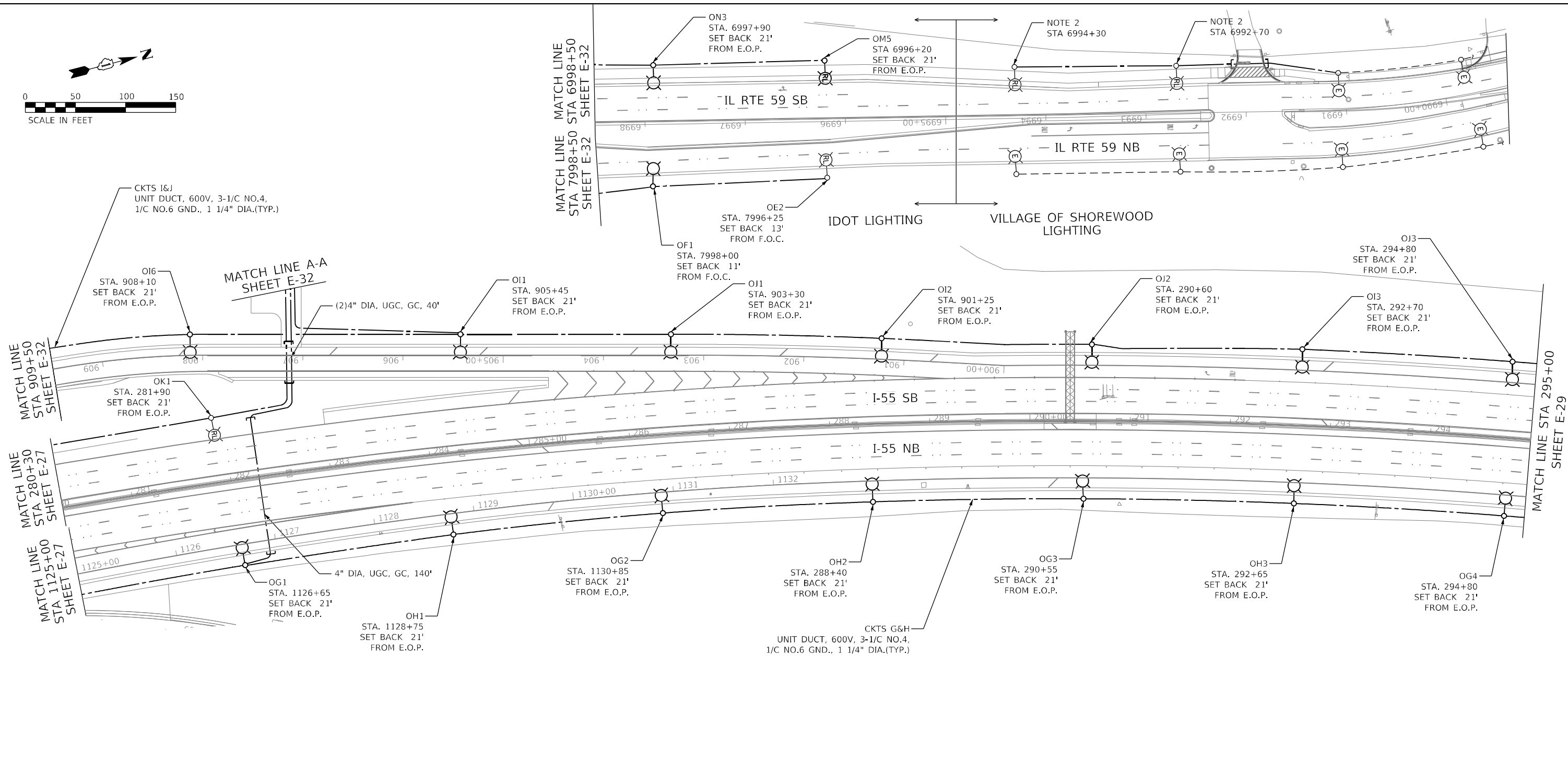
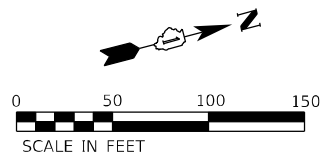
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
I-55

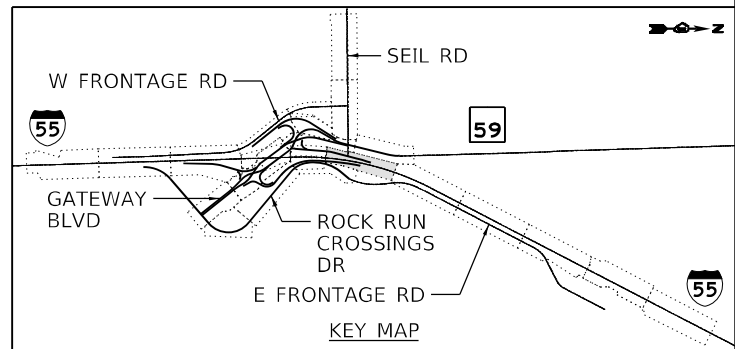
SCALE: 1"=50' SHEET OF SHEETS STA. 273+00 TO STA. 280+30

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 952 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

MODEL: Default
 FILE NAME: p:\bentley\bin\bin\dwg\11\Documents\11\107005\107040_001\Eng_Docx_Phase_III\Lighting\Sheet\11\62H15-sh-light-027.dgn
 D:\62H15-sh-light-027.dgn
 56378
 2012/11/30



- NOTES:
- SEE SHEET E-1 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - EXISTING VILLAGE OF SHOREWOOD LIGHTING UNIT RELOCATED TO NEW FOUNDATION.



MODEL: Default
 FILE: \\na11c:\pub\ubenech-pw\benefy.com\benefy.com\benefy.com\11\Documents\62H15-sh-light-028.dgn
 D:\62H15-sh-light-028.dgn
 56378
 2012/11/30



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vgurskas | DESIGNED - VGURSKAS | REVISED - |
| | DRAWN - UMERDAMERT | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 4/29/2022 | DATE - 04/27/2022 | REVISED - |

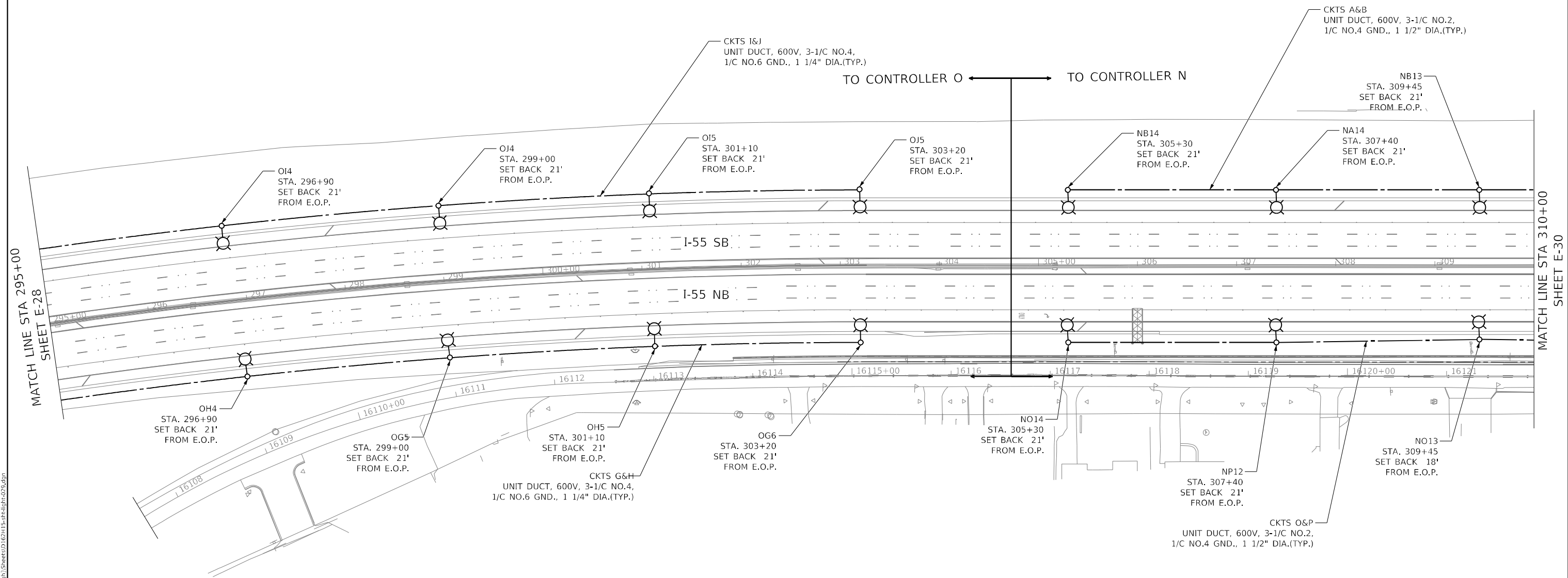
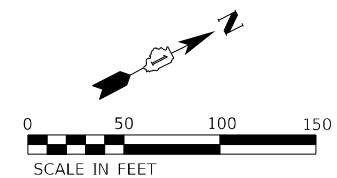
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
I-55**

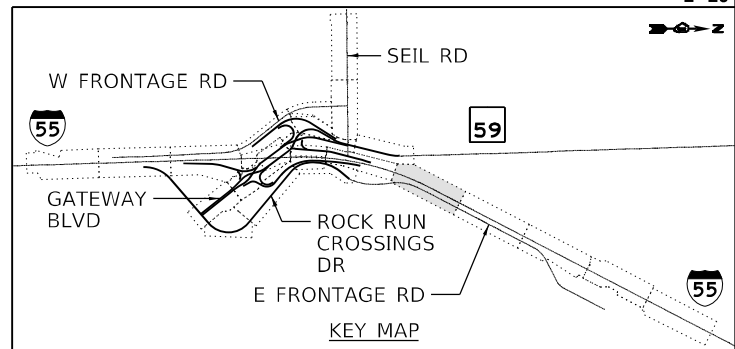
SCALE: 1"=50' SHEET OF SHEETS STA. 280+30 TO STA. 295+00

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 953 |
| CONTRACT NO. 62H15 | | | | |
| FAY 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

E-28



NOTES:
 1. SEE SHEET E-1 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.



MODEL: Default
 FILE: \\na11e1-pub\ubenech-pw\benfby.com\benfby.com\benfby.com\11\Documents\11\0705\10740_00\Eng_Docs_Phase_III\Lighting\Sheet\11\62H15-shl-light-029.dgn
 D:\62H15-shl-light-029.dgn
 56378
 2012/11/30



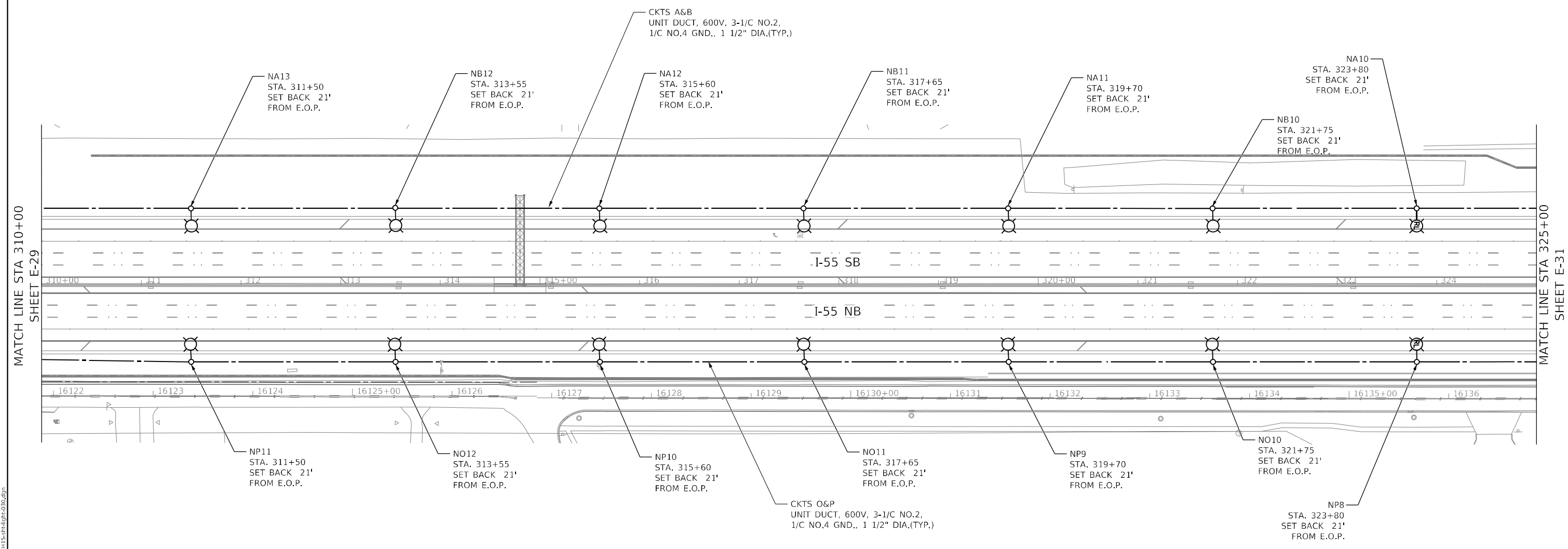
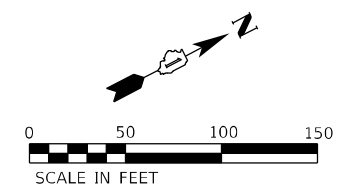
| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vgurskas | DESIGNED - VGURSKAS | REVISED - |
| | DRAWN - UMERDAMERT | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 4/29/2022 | DATE - 04/27/2022 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

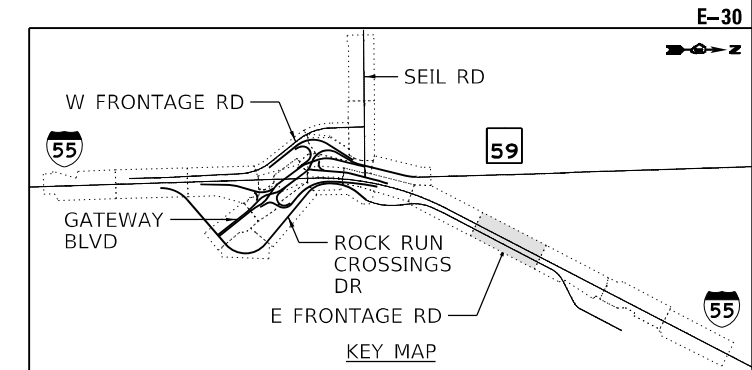
**PROPOSED LIGHTING PLAN
 I-55**

SCALE: 1"=50' SHEET OF SHEETS STA. 295+00 TO STA. 310+00

| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| | 2018-075-R | WILL | 1510 | 954 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



- NOTES:
- SEE SHEET E-1 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES



MODEL: Default
 FILE: 62H15-shl-light-030.dgn
 PROJECT: 62H15-shl-light-030.dgn
 USER: vgvurskas
 DATE: 4/29/2022



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vgvurskas | DESIGNED - VGURSKAS | REVISED - |
| DRAWN - UMERDAMERT | REVISIONS | |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 4/29/2022 | DATE - 04/27/2022 | REVISED - |

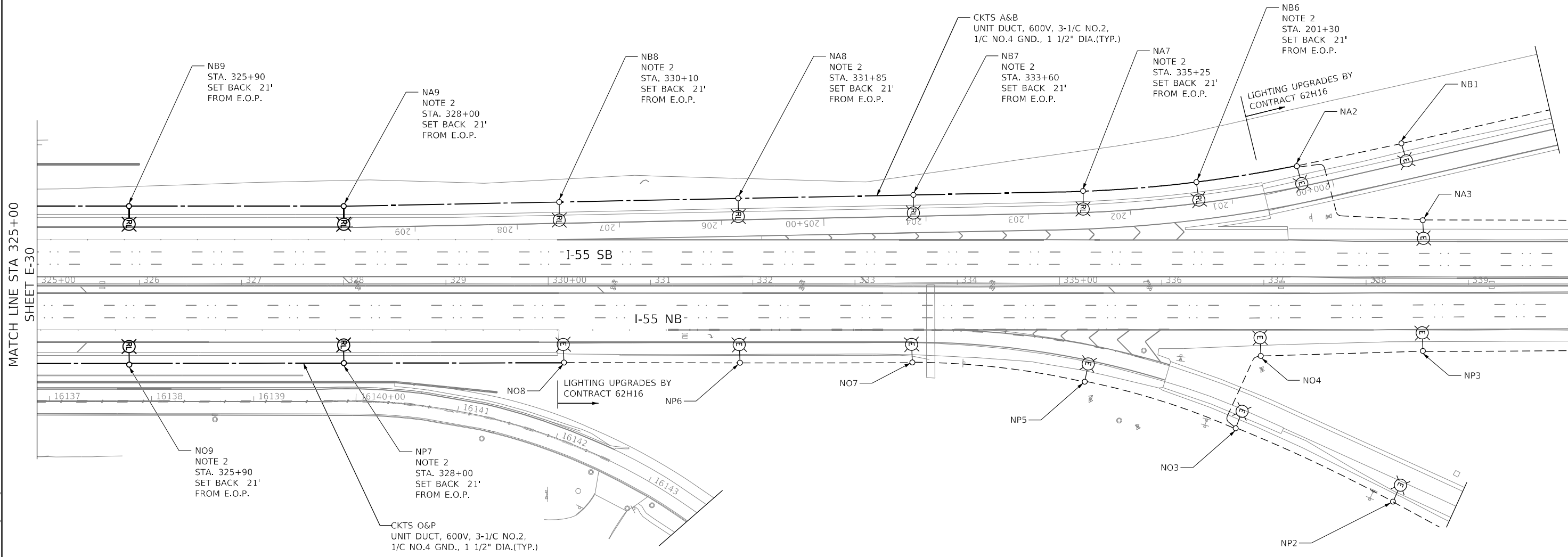
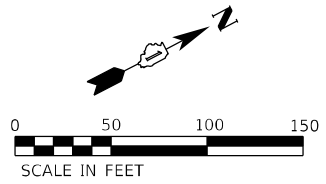
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
I-55**

SCALE: 1"=50' SHEET OF SHEETS STA. 310+00 TO STA. 325+00

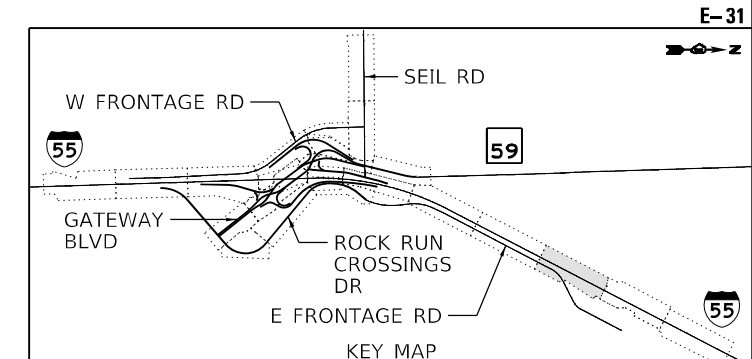
| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| 55 | 2018-075-R | WILL | 1510 | 955 |
| CONTRACT NO. 62H15 | | | | |
| FAY 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

D:\62H15-shl-light-030.dgn
56378
2012/11/30



NOTES:

- SEE SHEET E-1 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
- EXISTING IDOT LIGHTING UNIT RELOCATED TO NEW FOUNDATION AND RETROFITTED WITH LED LUMINAIRE.



MODEL: Default
 FILE: \\nailes\pub\uberech-pw\benfray.com\benerech-pw\01\Documents\11\Documents\11\107005\107040_000\Eng_Docs_Phase_1\Lighting\Sheet\162H15-sh1-light-031.dgn
 D:\162H15-sh1-light-031.dgn
 56378
 2012/11/30



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vgurskas | DESIGNED - VGURSKAS | REVISED - |
| PLOT SCALE = 100,0000' / in. | DRAWN - UMERDAMERT | REVISED - |
| PLOT DATE = 4/29/2022 | CHECKED - RPATEL | REVISED - |
| | DATE - 04/27/2022 | REVISED - |

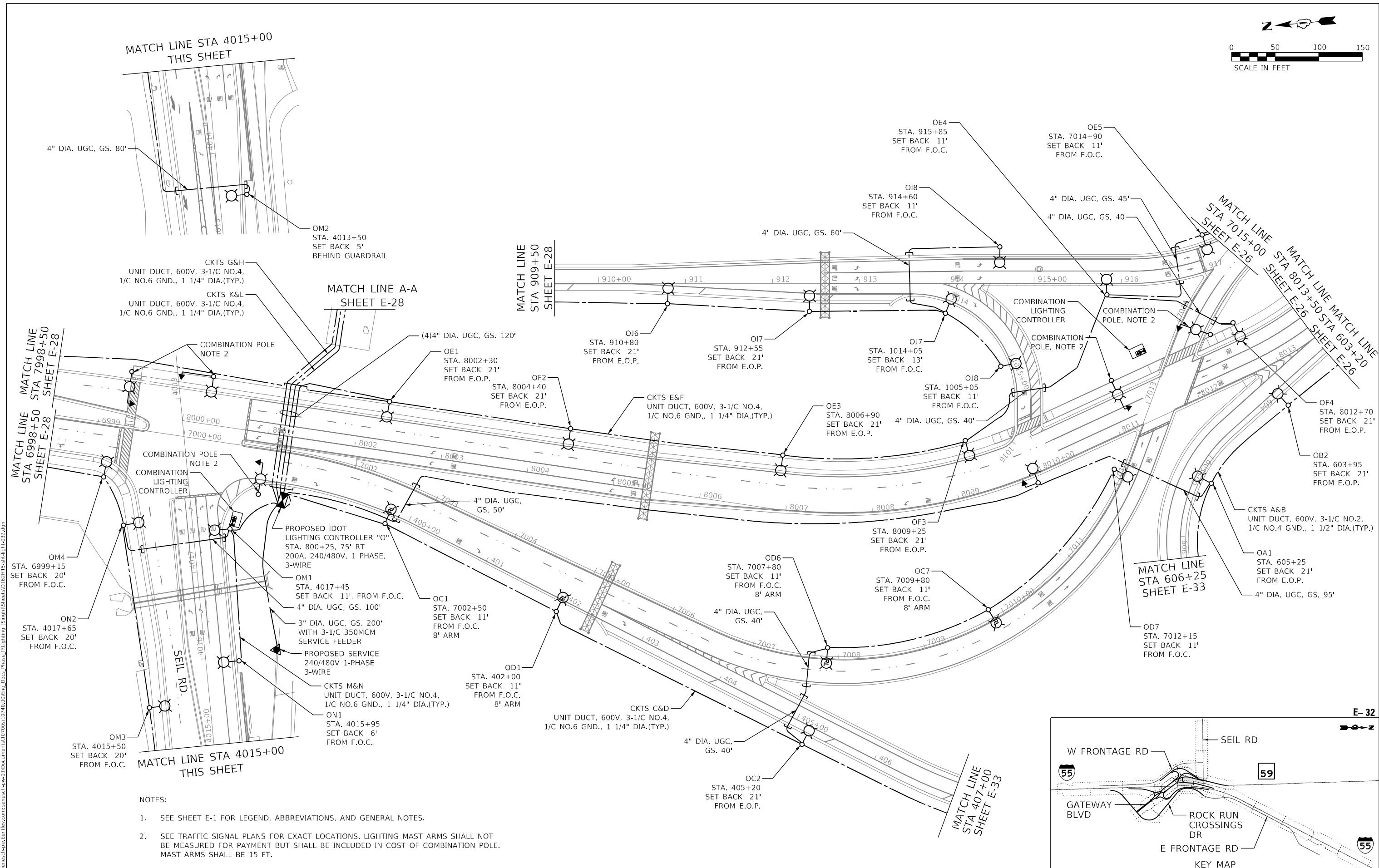
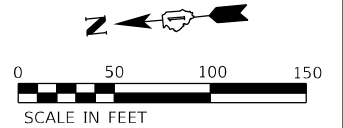
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
I-55

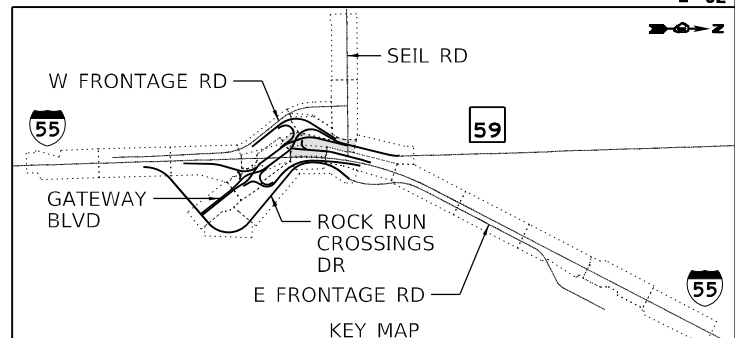
SCALE: 1"=50' SHEET OF SHEETS STA. 325+00 TO STA. 340+00

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 956 |
| CONTRACT NO. 62H15 | | | | |
| FAY 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

E-31



- NOTES:
1. SEE SHEET E-1 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 2. SEE TRAFFIC SIGNAL PLANS FOR EXACT LOCATIONS. LIGHTING MAST ARMS SHALL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCLUDED IN COST OF COMBINATION POLE. MAST ARMS SHALL BE 15 FT.



| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vjgurskas | DESIGNED - VGURSKAS | REVISED - |
| DRAWN - UMERDAMERT | REVISED - | |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 4/29/2022 | DATE - 04/27/2022 | REVISED - |

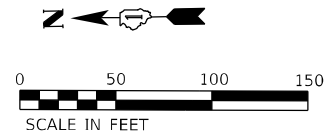
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED LIGHTING PLAN
IL RTE 59**

SCALE: 1"=50' SHEET OF SHEETS STA. 7998+50 TO STA. 8013+50

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 957 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

MODEL: Default
 FILE: 2018-075-R-001-001.dwg
 PROJECT: 2018-075-R-001-001.dwg
 PHASE: Lighting
 SHEET: 62H15-sh-light-032.dgn
 D:\162H15-sh-light-032.dgn
 56378
 2012/11/30



MATCH LINE
STA 5519+50
SHEET E-33

CKTS C&D
UNIT DUCT, 600V, 3-1/C NO.4,
1/C NO.6 GND., 1 1/4" DIA.(TYP.)

OC5
NOTE 2

OD4
STA. 418+50
SET BACK 21'
FROM E.O.P.

MATCH LINE
STA 606+25
SHEET E-32

OB1
STA. 607+15
SET BACK 21'
FROM E.O.P.

OA2
STA. 608+75
SET BACK 21'
FROM E.O.P.

OC4
STA. 415+80
SET BACK 21'
FROM E.O.P.

OD3
STA. 413+00
SET BACK 21'
FROM E.O.P.

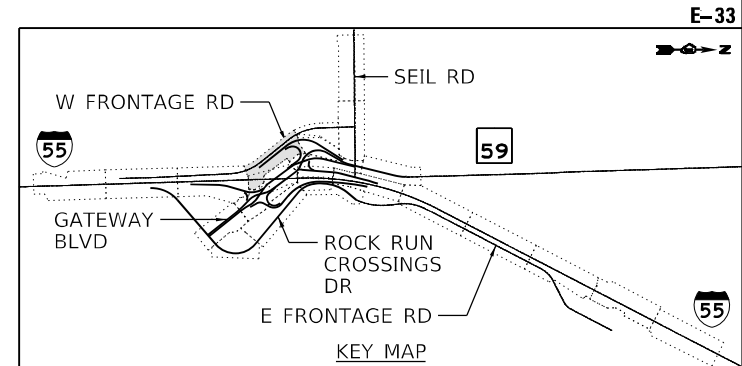
NOTES:

1. SEE SHEET E-1 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
2. REPLACE EXISTING HPS LUMINAIRE WITH LED LUMINAIRE (OUTPUT DESIGNATION H). REPLACE POLE WIRING, SURGE ARRESTER, FUSE HOLDER AND FUSES. REPLACEMENT ITEMS SHALL BE PAID FOR UNDER LED LUMINAIRE PAY ITEM. SALVAGE EXISTING HPS LUMINAIRE.

MATCH LINE
STA 407+00
SHEET E-32

OD2
STA. 407+80
SET BACK 21'
FROM E.O.P.

OC3
STA. 410+45
SET BACK 21'
FROM E.O.P.



E-33

D:\162H15-shft-light-033.dgn 56378 2012/11/30



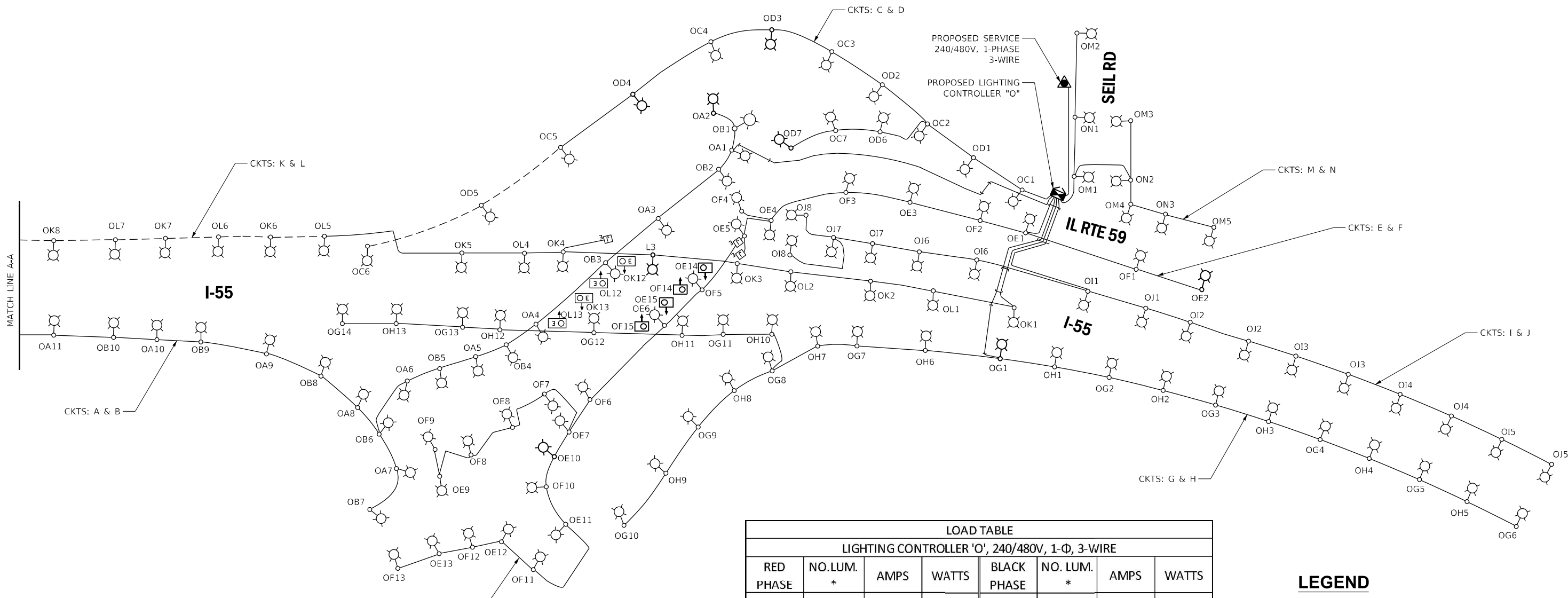
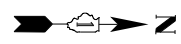
| | | |
|------------------------------|---------------------|-----------|
| USER NAME = vгурskas | DESIGNED - VGURSKAS | REVISED - |
| | DRAWN - UMERDAMERT | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 4/29/2022 | DATE - 04/27/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED LIGHTING PLAN
I-55

SCALE: 1"=50' SHEET OF SHEETS STA. 407+00 TO STA. 5519+50

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 958 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



MATCH LINE A-A

MATCH LINE A-A

| LOAD TABLE | | | | | | | |
|--|------------------|-------|---------|-------------|------------------|-------|---------|
| LIGHTING CONTROLLER 'O', 240/480V, 1-Φ, 3-WIRE | | | | | | | |
| RED PHASE | NO. LUM. * | AMPS | WATTS | BLACK PHASE | NO. LUM. * | AMPS | WATTS |
| A | 13-270W | 14.63 | 3510.0 | B | 13-270W | 14.63 | 3510.0 |
| C | 7-270W | 7.88 | 1890.0 | D | 7-270W | 7.88 | 1890.0 |
| E | 13-270W 2-80W | 15.29 | 3670.0 | F | 13-270W 2-80W | 15.29 | 3670.0 |
| G | 14-270w | 15.75 | 3780.0 | H | 13-270W | 14.63 | 3510.0 |
| I | 8-270W | 9.00 | 2160.0 | J | 8-270W | 9.00 | 2160.0 |
| K | 10-270W 2-80W | 11.92 | 2860.0 | L | 9-270W 2-80W | 10.79 | 2590.0 |
| M | 5-270W | 5.63 | 1350.0 | N | 3-270W | 3.38 | 810.0 |
| TOTAL | 70-270W 4-80W | 80.1 | 19220.0 | TOTAL | 66-270W 4-80W | 75.6 | 18140.0 |
| TOTAL CONNECTED LOAD CAPACITY: | | | | 37.36 KVA | | | |
| LED H=270W; UNDERPASS=80W | | | | | | | |

LEGEND

- | | |
|--------|--|
| SYMBOL | DESCRIPTION |
| | PROPOSED IDOT LIGHTING UNIT, LED LUMINAIRE |
| | LIGHTING CONTROLLER, 240/480 1-PHASE, 3 WIRE |
| | PROPOSED UNIT DUCT |
| | EXISTING UNIT DUCT |
| | PROPOSED UNDERPASS LUMINAIRE, LED |
| | EXISTING UNDERPASS LUMINAIRE, LED |
| | PROPOSED ELECTRIC UTILITY SERVICE |

MODEL: Default
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56378
2012/11/30



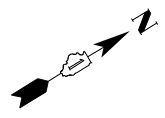
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|------------------------------|---------------------|-----------|
| USER NAME = vгурskas | DESIGNED - VGURSKAS | REVISED - |
| | DRAWN - UMERDAMERT | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 4/29/2022 | DATE - 04/27/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING CONTROLLER "O" WIRING DIAGRAM

SCALE: NTS SHEET OF SHEETS STA. TO STA.

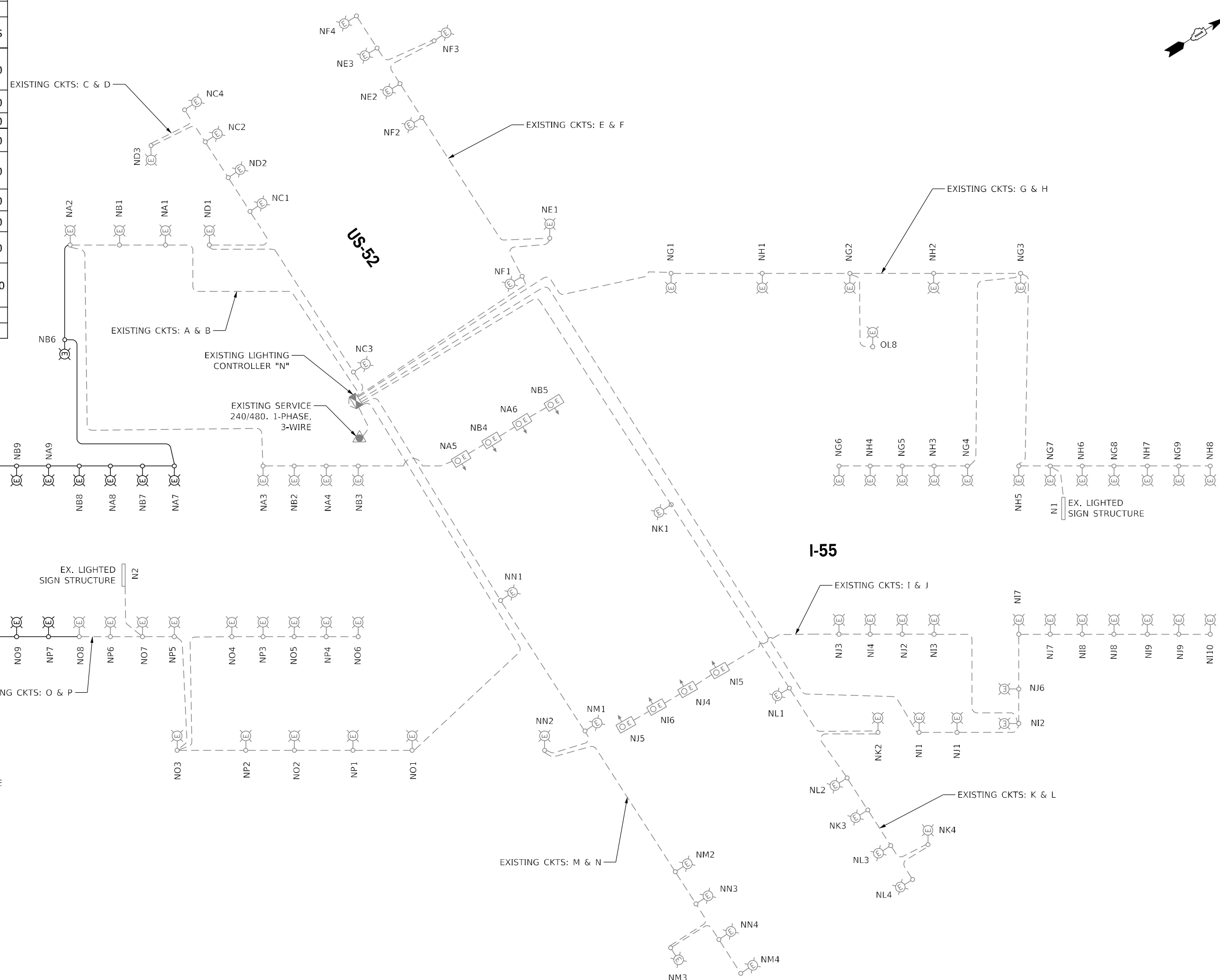
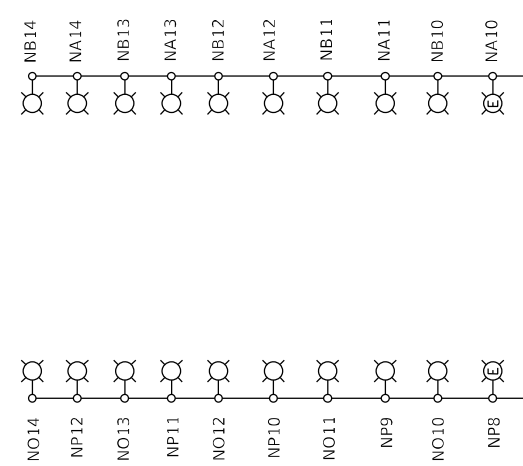
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|---|------------|--------|--------------|-----------|
| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 959 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



| LOAD TABLE | | | | | | | |
|--|-----------------------------|-------|---------|-------------|-----------------------------|-------|---------|
| LIGHTING CONTROLLER 'N', 240/480V, 1-Ø, 3-WIRE | | | | | | | |
| RED PHASE | NO. LUM. * | AMPS | WATTS | BLACK PHASE | NO. LUM. * | AMPS | WATTS |
| A | 4-400W 8-270W 2-55W | 16.13 | 3870.0 | B | 3-400W 9-270W 2-55W | 15.58 | 3740.0 |
| C | 4-400W | 6.67 | 1600.0 | D | 3-400W | 5.00 | 1200.0 |
| E | 3-400W | 5.00 | 1200.0 | F | 4-400W | 6.67 | 1600.0 |
| G | 9-400W | 15.00 | 3600.0 | H | 8-400W | 13.33 | 3200.0 |
| I | 8-400W 2-55W | 13.79 | 3310.0 | J | 7-400W 2-55W | 12.13 | 2910.0 |
| K | 4-400W | 6.67 | 1600.0 | L | 4-400W | 6.67 | 1600.0 |
| M | 4-400W | 6.67 | 1600.0 | N | 4-400W | 6.67 | 1600.0 |
| O | 8-400W 6-270W | 20.08 | 4820.0 | P | 6-400W 6-270W | 16.75 | 4020.0 |
| TOTAL | 49-400W 10-270W 4-55W | 90.0 | 21600.0 | TOTAL | 45-400W 10-270W 4-55W | 82.8 | 19870.0 |

TOTAL CONNECTED LOAD CAPACI 41.47 KVA
HPS=400W; LED H=270W; UNDERPASS=55W

- EXISTING HPS LUMINAIRES ARE SCHEDULED TO BE REPLACED WITH LED UNDER CONTRACT 62H16.



LEGEND

| SYMBOL | DESCRIPTION |
|--------|---|
| | EXISTING LIGHTING UNIT |
| | PROPOSED IDOT LIGHTING UNIT, LED LUMINAIRE |
| | EXISTING LIGHTING CONTROLLER, 240/480 1-PHASE, 3 WIRE |
| | PROPOSED UNIT DUCT |
| | EXISTING UNIT DUCT |
| | EXISTING UNDERPASS LUMINAIRE, LED |
| | EXISTING ELECTRIC UTILITY SERVICE |

MODEL: Default
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 56378
 2012/11/30



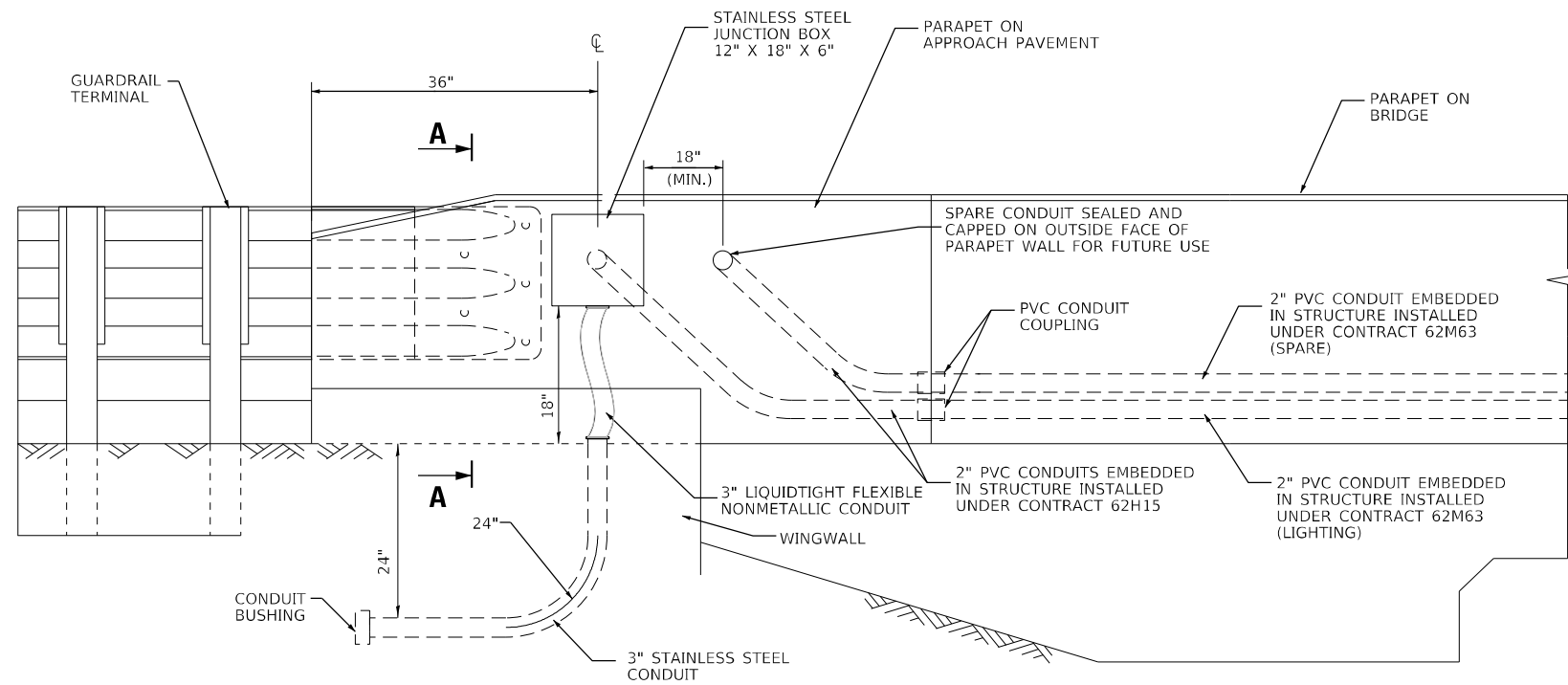
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|------------------------------|---------------------|-----------|
| USER NAME = vгурskas | DESIGNED - VGURSKAS | REVISED - |
| | DRAWN - UMERDAMERT | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED - RPATEL | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

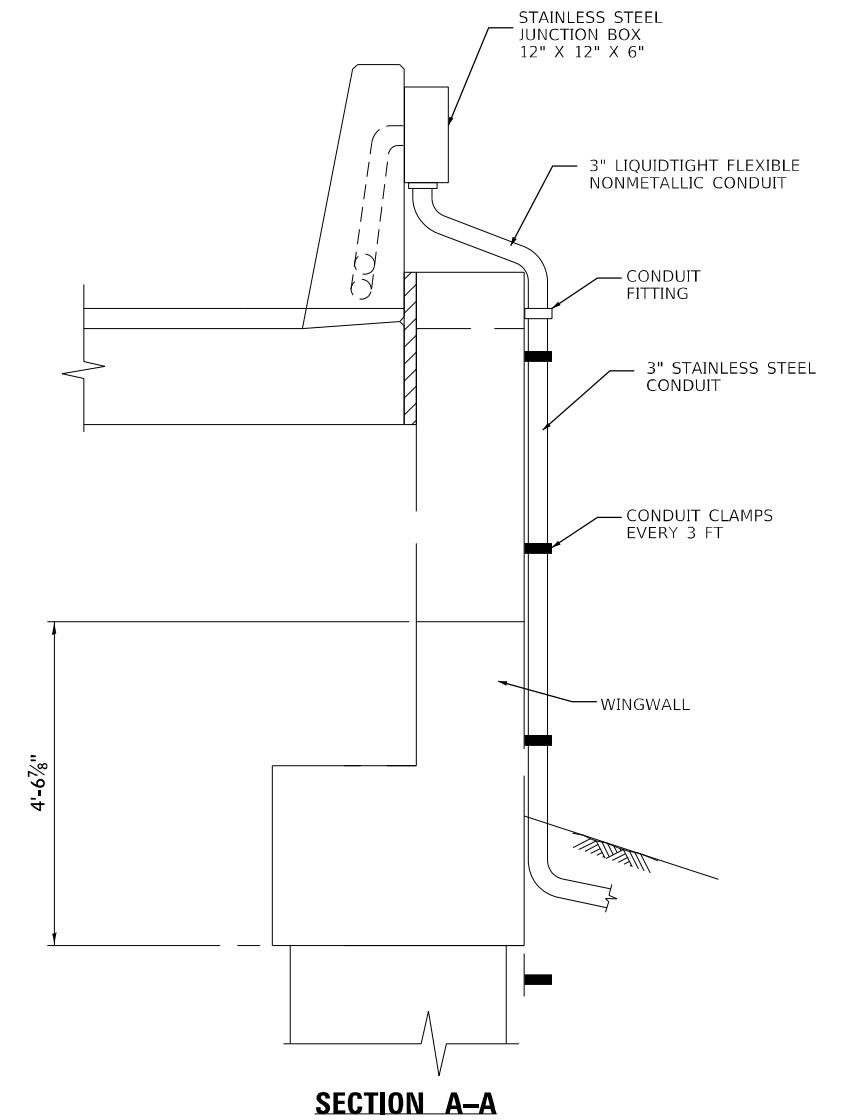
LIGHTING CONTROLLER "N" WIRING DIAGRAM

SCALE: NTS SHEET OF SHEETS STA. TO STA.

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 960 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



**INTEGRAL/SEMI-INTEGRAL ABUTMENT WITH
PARAPET ON APPROACH PAVEMENT**



SECTION A-A

MODEL: Default
FILE NAME: p:\ubenech-pw\benfby.com\benfby.com\benfby.com\62H15-sht-light-036.dgn



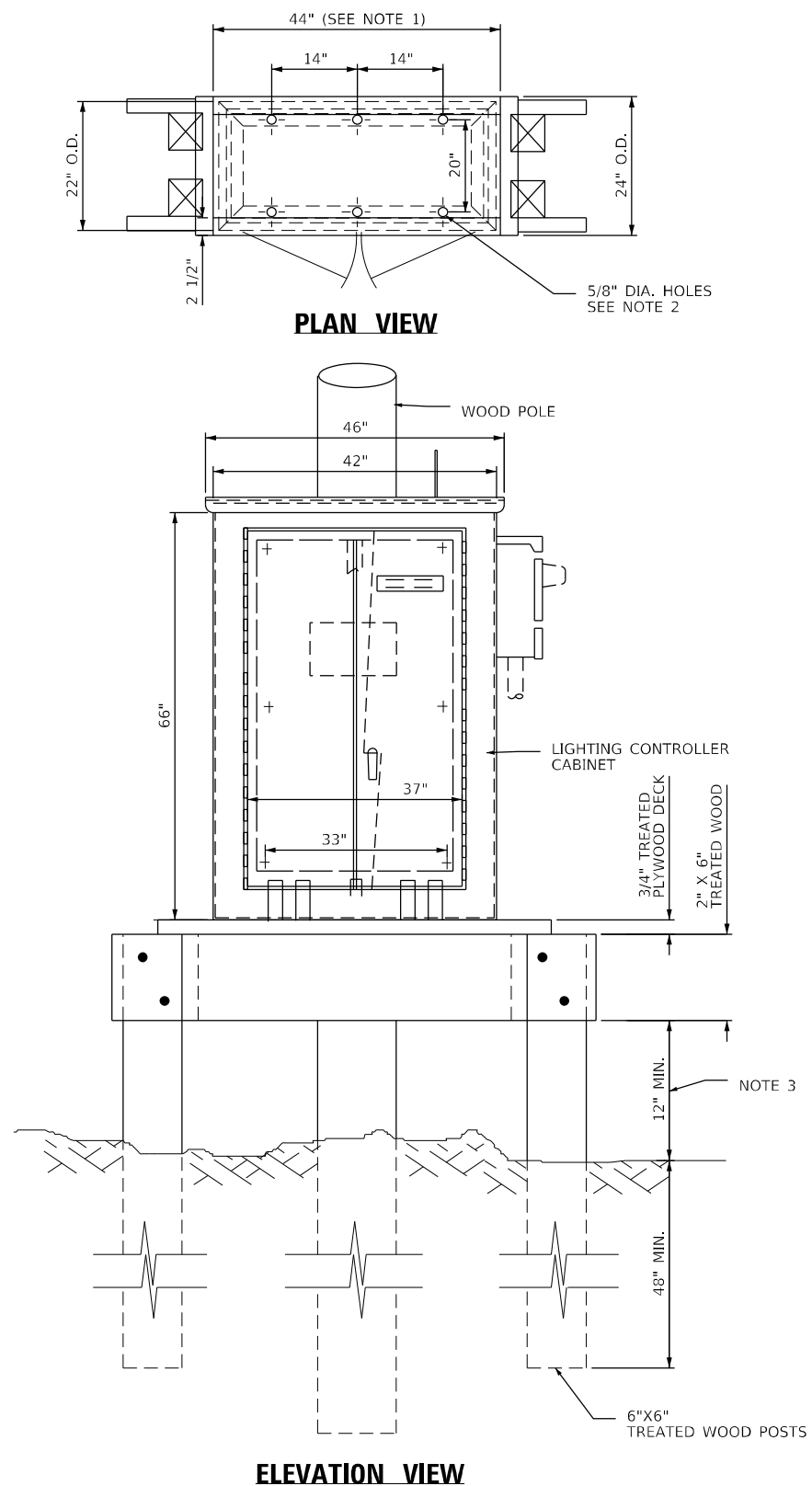
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|------------------------------|---------------------|-----------|
| USER NAME = vgurskas | DESIGNED - VGURSKAS | REVISED - |
| DRAWN - VGURSKAS | CHECKED - RPATEL | REVISED - |
| PLOT SCALE = 100,0000' / in. | DATE - 03/16/2022 | REVISED - |
| PLOT DATE = 3/9/2022 | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LIGHTING DETAILS

SCALE: NTS SHEET OF SHEETS STA. TO STA.

| | | | | |
|---|------------|--------|-----------------|--------------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 961 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



TEMPORARY RELOCATION OF EXISTING LIGHTING CONTROLLER

NOTE:

1. ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS.
2. DRILL HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.
3. CONTROLLER SHALL BE INSTALLED SUCH THAT THE MINIMUM VERTICAL CLEARANCE WILL BE MAINTAINED DURING CONSTRUCTION FOR EXISTING AND PROPOSED GRADE.

MODEL: Default
 FILE NAME: p:\subenetch-pw\benetch-pw\benetch-pw\11\Documents\107005\107140_001\Eng_Docs_Phase_II\Lighting (Sheet)\SheetD.62H15-shr-light-037.dgn
 D:\162H15-shr-light-037.dgn
 56378
 2012/11/30



| | | |
|-------------------------------|---------------------|-----------|
| USER NAME = vгурskas | DESIGNED - VGURSKAS | REVISED - |
| PLOT SCALE = 100,0000 ' / in. | DRAWN - VGURSKAS | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - RPATEL | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

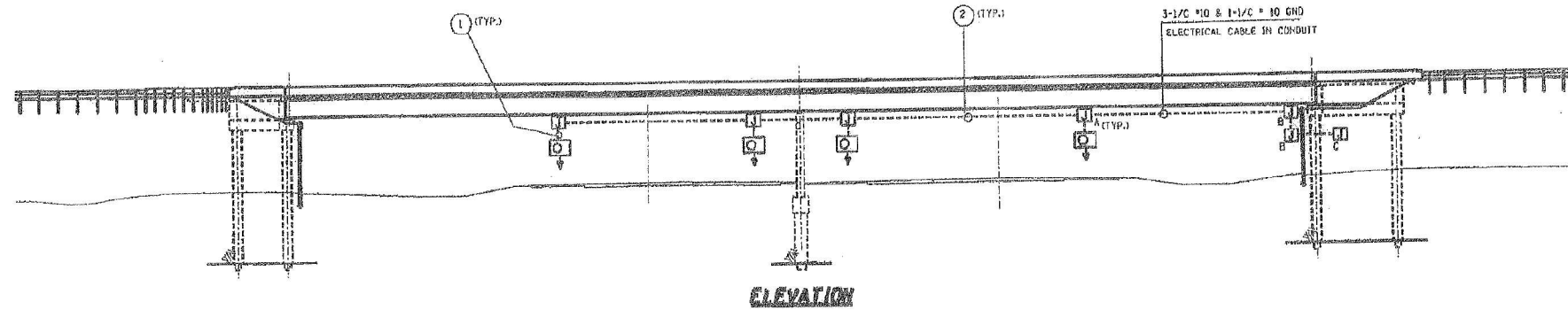
TEMPORARY LIGHTING CONTROLLER DETAIL

SCALE: NTS SHEET OF SHEETS STA. TO STA.

| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| - | 2018-075-R | WILL | 1510 | 962 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------|------------|--------|--------------|-----------|
| 59 | 2018-075-R | WILL | 1510 | 963 |

STATION TO STA.
 ILLINOIS FED. AID PROJECT
 * 2018-1BR AND 114R-1
 CONTRACT NO. 60363

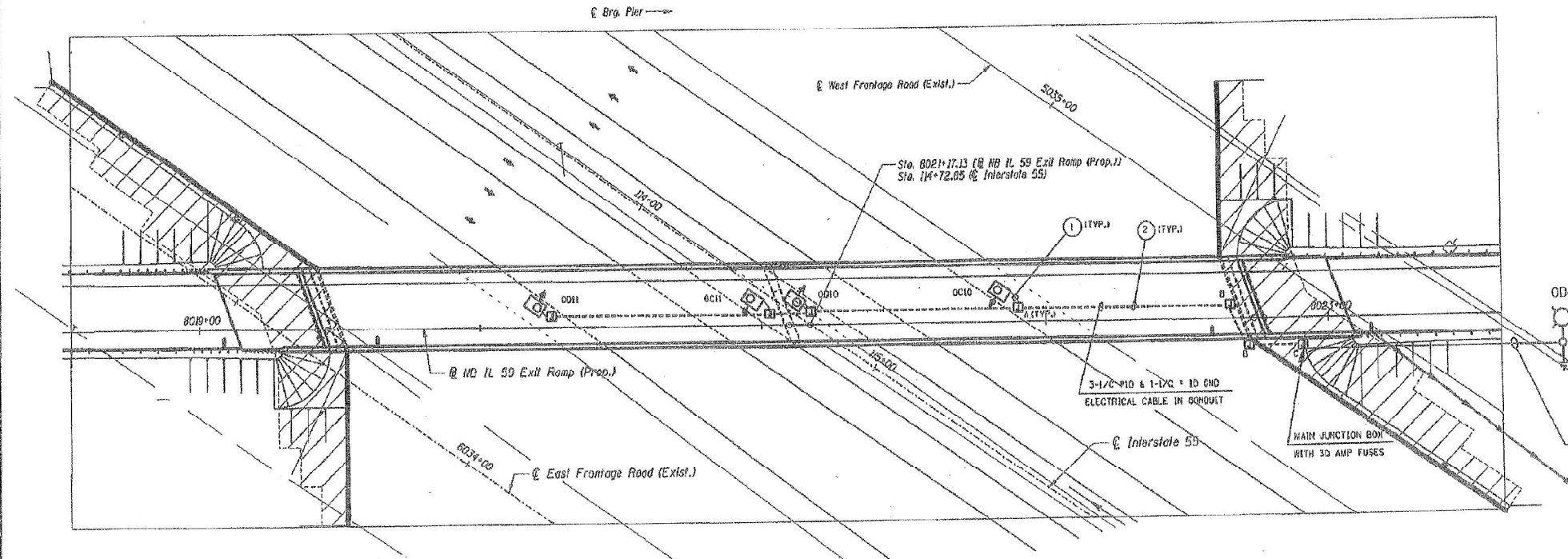


- UNDERPASS LUMINAIRE, 70 WATT, HP5, TYPE III, 240 VOLT, PENONRY MOUNTED
- 3-1/2" #10 & 1-1/2" #10 GND ELECTRICAL CABLE IN CONDUIT
- A JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"
- B JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"
- C JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 14" X 6"
- ① 1/2" DIA. LIQUID TIGHT FLEXIBLE PVC COATED METALLIC CONDUIT
- ② 1" DIA. PVC COATED RIGID STEEL CONDUIT ATTACHED TO STRUCTURE

NOTES

UNDERPASS LUMINAIRES SHALL SETBACK 2 FT FROM EDGE OF TRAVELLED PAVEMENT AND POSITIONED MIDPOINT BETWEEN GIRDERS 3 AND 4.

ORIENTATION OF LUMINAIRES SHALL BE PERPENDICULAR TO I-95, AS SHOWN ON THIS SHEET.



RECORD DRAWINGS
TRI-TECH ELECTRIC, INC.
 DATE: 11/2/10

PLAN
NB I-55 EXIT RAMP OVER I-95
UNDERPASS LIGHTING

| REVISIONS | |
|-----------|------|
| NO. | DATE |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

NB I-55 EXIT RAMP OVER I-95
 PROPOSED UNDERPASS LIGHTING
 IDOT

DATE: 2/11/2018 DRAWN BY: TO CHECKED BY:

FOR INFORMATION ONLY

MODEL: Default
 FILE: Name1.pbx
 USER: vjgurskas
 PROJECT: 2018-075-R
 SHEET: 963
 DATE: 2/11/2018
 TIME: 11:30 AM

| USER NAME | DESIGNED | REVISOR |
|-------------|-------------------|-----------|
| = vjgurskas | - VGURSKAS | - |
| | DRAWN - VGURSKAS | REVISED - |
| | CHECKED - RPATEL | REVISED - |
| | DATE - 03/16/2022 | REVISED - |
| | | |

Outdoor Lighting Application

Service Information

Service Request # 05090701
Project Name 18185 - I-55 DDI
Service Type Dusk to Dawn Lighting
Service Address 100 W Seil RD
 IL-59
 Shorewood, IL 60431

New Service
Requested Date 03/01/2021
Description The existing controller O currently is powered but will undergo a load change.

Project Information

Project Type Residential: false
 Commercial: false
 Parking Lot: false
 Public Roadway: true
 Private Roadway: false
 Alley: false
 Other (240/480V 1-Phase, 3-Wire): false

New or Existing Construction new_construction
Date ComEd can start

Load Information

Metered Service? Metered
Service Voltage Other
Primary Switch Name Controller "O"
Primary Switch Location
Primary Switch Quantity 1
Primary Switch Size 200 amps
Primary Switch Rating 80%
Number of Secondary Sets 3
Conductor Size 350MCM
Conductor Material CU

Primary Contact

Full Name Virgilio Nunez Jr
Company Name Singh and Associates
Address 230 West Monroe Street, 1400

 Chicago, IL 60606
Email Address vnunez@singhinc.com
Phone Number
Cell Number
Preferred Contact Method email
Connection to Project Consultant

Property Owner

Full Name IDOT
Company Name Illinois Department of Transportation
Address 201 W. Center Court

 Schaumburg, IL 60196
Email Address
Phone Number (847) 705-4000
Cell Number
Preferred Contact Method phone

Additional Contact #1

Full Name
Email Address
Phone Number
Cell Number
Connection to Project Builder/Contractor

Billing Information

Account History

Have ComEd Account Yes
ComEd Account Number 371354673
Tower Account Number

Construction Charges

Full Name IDOT
Title
Company Name Illinois Department of Transportation
Address 201 W. Center Court

 Schaumburg, IL 60196
Email Address
Phone Number (847) 705-4000

Attachments

Site Plan

Submit Method Electronic
ddi.jpg
Comments

Municipal Request Letter

Submit Method
Comments

Other Documents

Wiring Diagram and Load Table.pdf
Comments

Comments

The scope of the project is to reuse and reconnect to existing service. Correct Zip code is 60404 but online application will not accept it. I can provide more detailed information upon request.

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| | | | | | | | | | | |
|---|-------------------------------|---------------------|-----------|---|--------------------|--------------------|------------|-----------------|---------------------------|--------------|
|  | USER NAME = vgurskas | DESIGNED - VGURSKAS | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | COMED COORDINATION | F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | PLOT SCALE = 100,0000 ' / in. | CHECKED - RPATEL | REVISED - | | | = | 2018-075-R | WILL | 1510 | 964 |
| | PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - | | | CONTRACT NO. 62H15 | | | | |
| | | | | | SCALE: NONE | SHEET | OF | SHEETS | STA. | TO STA. |
| | | | | | | | | FAI 55, FAP 338 | ILLINOIS FED. AID PROJECT | |

GENERAL NOTES

- REMOVAL AND REINSTALLATION OF FENCE MAY BE REQUIRED TO ACCOMMODATE EQUIPMENT THAT PUSHES CONDUIT ACROSS THE EXPRESSWAY. THIS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN GALVANIZED STEEL CONDUIT PUSHED 2" AND 4" PAY ITEMS.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF THE CABINETS AND FIBER OPTIC CABLE PRIOR TO BIDDING THE JOB.
- THERE EXISTS ENVIRONMENTALLY SENSITIVE AREAS ALONG THIS JOB. CARE MUST BE TAKEN NOT TO REMOVE PLANT LIFE FROM THESE AREAS.
- RAMP LOOP SIZES SHALL BE DETERMINED USING THE RAMP LOOP TABLE IN THE INDUCTION LOOP SPECIFICATION.
- THERE SHALL BE 200 FEET OF 96 SM FIBER OPTIC CABLE SLACK, PER CABLE, IN EACH COMMUNICATION VAULT. THERE SHALL BE 25 FEET OF FIBER OPTIC CABLE SLACK, PER CABLE, IN ALL JUNCTION BOXES. THERE SHALL BE 150 FEET OF 12 SM FIBER OPTIC CABLE IN EACH COMMUNICATION VAULT THAT REQUIRES A LATERAL SPLICE.
- A MAINLINE SPLICE SHALL NOT BE IN THE SAME COMMUNICATION VAULT AS A LATERAL SPLICE. MAINLINE SPLICES SHALL UTILIZE 2 COMMUNICATION VAULTS (ONE NEXT TO THE OTHER UNLESS OTHERWISE NOTED). 1-96 SM FIBER MAINLINE SPLICE IN ONE VAULT AND THE OTHER 96 SM FIBER MAINLINE SPLICE IN THE OTHER VAULT.
- UNLESS OTHERWISE STATED, THE SAMPLE MAINLINE LOOPS FOR A 2 LANE ROAD SHALL BE IN LANE 1 AND 2 AND THE SAMPLE LOOPS FOR A 3 LANE ROAD SHALL BE IN LANE 2.
- THE CONTRACTOR SHALL USE 2 DETECTOR RACKS WHEN THERE ARE MORE THAN 16 LOOPS ENTERING A SURVEILLANCE CABINET.
- WHEN MORE THAN ONE LOOP IS IN A LANE, THEY SHALL BE SEPARATED BY 16 FEET CENTER TO CENTER.
- THE CONTRACTOR SHALL EXERCISE CARE WITH THE INSTALLATION OF UNDERGROUND EQUIPMENT AS THERE ARE EXISTING PRIVATELY OWNED UTILITIES WITHIN THE PROJECT LIMITS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT ANY UTILITIES IN THE WORK ZONE AND REQUEST UTILITY LOCATES.

IDOT FACILITIES ARE NOT LOCATED BY JULIE OR DIGGER. IDOT ELECTRICAL FACILITIES INCLUDING ROADWAY LIGHTING, FIBER OPTIC, ITS EQUIPMENT, TRAFFIC SIGNAL, AND PUMP STATION FACILITIES ARE LOCATED BY THE DEPARTMENT'S ELECTRICAL MAINTENANCE CONTRACTOR. AS OF THE LETTING DATE, CONTACT MEADE ELECTRIC AT 773-287-7672.

- THE CONTRACTOR SHALL BE AWARE OF THE DOCUMENTATION REQUIREMENTS WHICH REQUIRE GPS DATA ACQUISITION.
- ALL RACEWAYS SHALL BE INSTALLED AT A MINIMUM DEPTH OF 30 INCHES.
- ALL EXISTING FIBER OPTIC CABLE CALLED TO BE EITHER REMOVED OR ABANDONED SHALL REMAIN IN PLACE AND OPERATIONAL UNTIL PROPOSED FIBER OPTIC CABLE IS INSTALLED AND CUT OVER.

LEGEND

- (E) EXISTING
- (R) REMOVE
- (RL) RELOCATE
- (A) ABANDON IN PLACE
- (P) PROPOSED
- 42"x36"x12" JUNCTION BOX
- COMMUNICATIONS VAULT
- HEAVY DUTY HANDHOLE (MIXED USE)
- HEAVY DUTY HANDHOLE SPECIAL (COMMUNICATIONS)
- TYPE 334 CABINET
- TYPE 334 CABINET WITH SPREAD SPECTRUM RECEIVER
- ELECTRIC SERVICE DISCONNECT
- CCTV CAMERA
- WIRELESS DETECTOR REPEATOR
- WIRELESS DETECTOR ACCESS POINT
- IN-PAVEMENT WIRLESS DETECTOR SENSORS
- 6' DIAMETER INDUCTION LOOP CENTERED IN LANE
- 6' x 14' (NOMINAL) RAMP INDUCTION LOOP
- GALVANIZED RIGID STEEL CONDUIT PUSHED (P), TYPE AND SIZE AS NOTED
- GALVANIZED RIGID STEEL CONDUIT TRENCHED (T), TYPE AND SIZE AS NOTED
- 2 IN P-DUCT TRENCHED (T)
- (2) 1 1/4" FIBER OPTIC INNER DUCT - EACH HAS 96 SM FIBERS

SCHEDULE OF INTELLIGENT TRAFFIC SYSTEM (ITS) QUANTITIES

| DESCRIPTION | UNIT | TOTAL QUANTITY |
|--|--------|----------------|
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 881 |
| UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. | FOOT | 398 |
| UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA. | FOOT | 1,000 |
| HEAVY-DUTY HANDHOLE | EACH | 2 |
| REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 715 |
| REMOVE EXISTING HANDHOLE | EACH | 13 |
| CLEANING EXISTING MANHOLE OR HANDHOLE | EACH | 3 |
| COMMUNICATIONS VAULT | EACH | 11 |
| CLOSED CIRCUIT TELEVISION DOME CAMERA, HD | EACH | 2 |
| FIBER OPTIC CABLE SPLICE - LATERAL | EACH | 5 |
| FIBER OPTIC CABLE SPLICE - MAINLINE | EACH | 7 |
| CLOSED CIRCUIT TELEVISION EQUIPMENT, FIBER OPTIC DISTRIBUTION | EACH | 2 |
| ATMS SYSTEM INTEGRATION | L SUM | 1 |
| REMOVAL OF TEMPORARY WOOD POLES AND FIBER OPTIC CABLE | L SUM | 1 |
| CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, FOUNDATION, 80 FT. MOUNTING HEIGHT | FOOT | 34 |
| CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, GALVANIZED STEEL, 80 FT. MOUNTING HEIGHT | EACH | 2 |
| REMOVE EXISTING TRAFFIC SURVEILLANCE EQUIPMENT | L SUM | 1 |
| MAINTAINING ITS DURING CONSTRUCTION | CAL MO | 36 |
| INTERCEPT EXISTING CONDUIT | EACH | 5 |
| FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE | FOOT | 17,250 |
| FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE | FOOT | 2,585 |
| FIBER OPTIC TERMINATION PANEL, 12 F OR 24F | EACH | 6 |
| REMOVE FIBER OPTIC CABLE FROM CONDUIT | EACH | 13,060 |
| WIRELESS VEHICLE DETECTION SYSTEM | EACH | 1 |
| POLYETHYLENE DUCT, 1 1/4" DIA | FOOT | 15,735 |
| ELECTRIC CABLE IN CONDUIT (EPR-TYPE USE) 2C NO. 4 AND NO. 6 GROUND | FOOT | 1,551 |
| CABINET HOUSING EQUIPMENT, ESP 2, POLE MOUNTED | EACH | 2 |
| WIRELESS IN PAVEMENT DETECTOR | EACH | 6 |
| RELOCATE EXISTING WIRELESS VEHICLE DETECTION SYSTEM | EACH | 3 |

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USER NAME = jworthington
 PLOT SCALE = 240,0000' / ft.
 PLOT DATE = 3/9/2022

DESIGNED - GREILLY
 DRAWN - JWORTHINGTON
 CHECKED - POBRIEN
 DATE - 03/16/2022

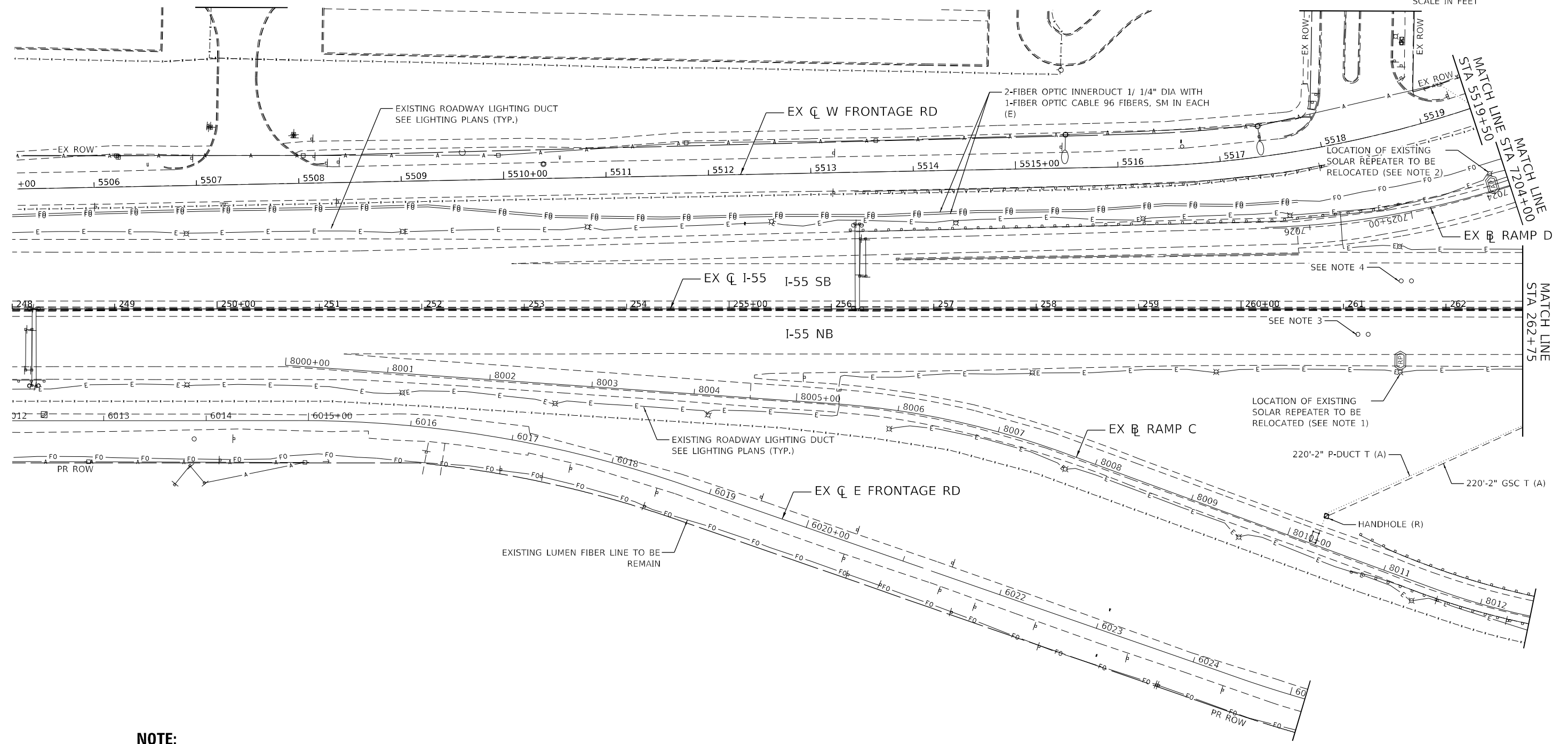
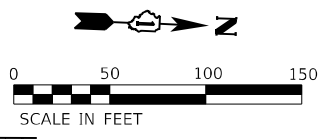
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TRAFFIC SURVEILLANCE GENERAL NOTES AND LEGEND

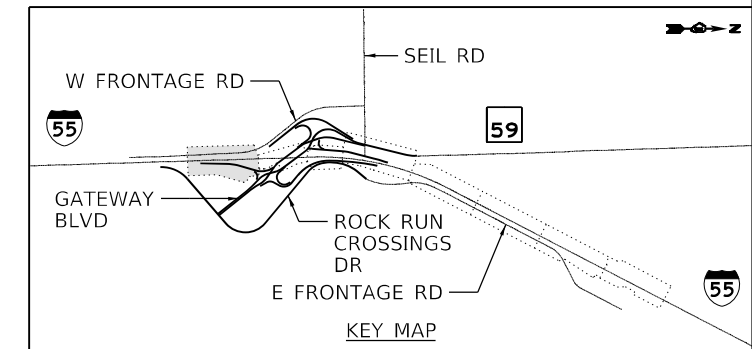
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| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| * | 2018-075-R | WILL | 1510 | 965 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



NOTE:

1. EXISTING SOLAR REPEATER INSTALLED AS PART OF CONTRACT 62K51 TO BE RELOCATED.
2. EXISTING SOLAR REPEATER TO BE INSTALLED AS PART OF CONTRACT 62K30 TO BE RELOCATED.
3. EXISTING WIRELESS SENSORS INSTALLED AS PART OF CONTRACT 62K51 TO REMAIN.
4. EXISTING WIRELESS SENSORS INSTALLED AS PART OF CONTRACT 62K30 TO REMAIN.



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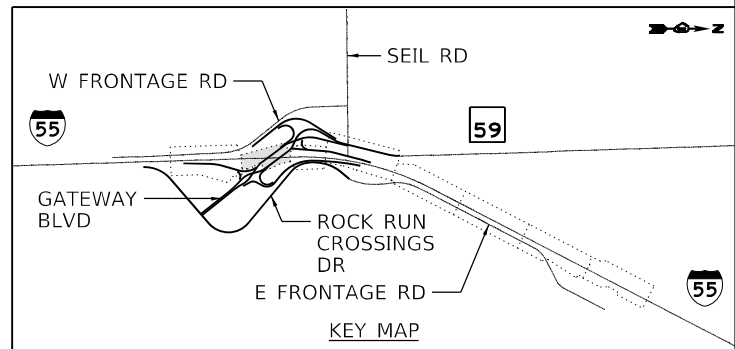
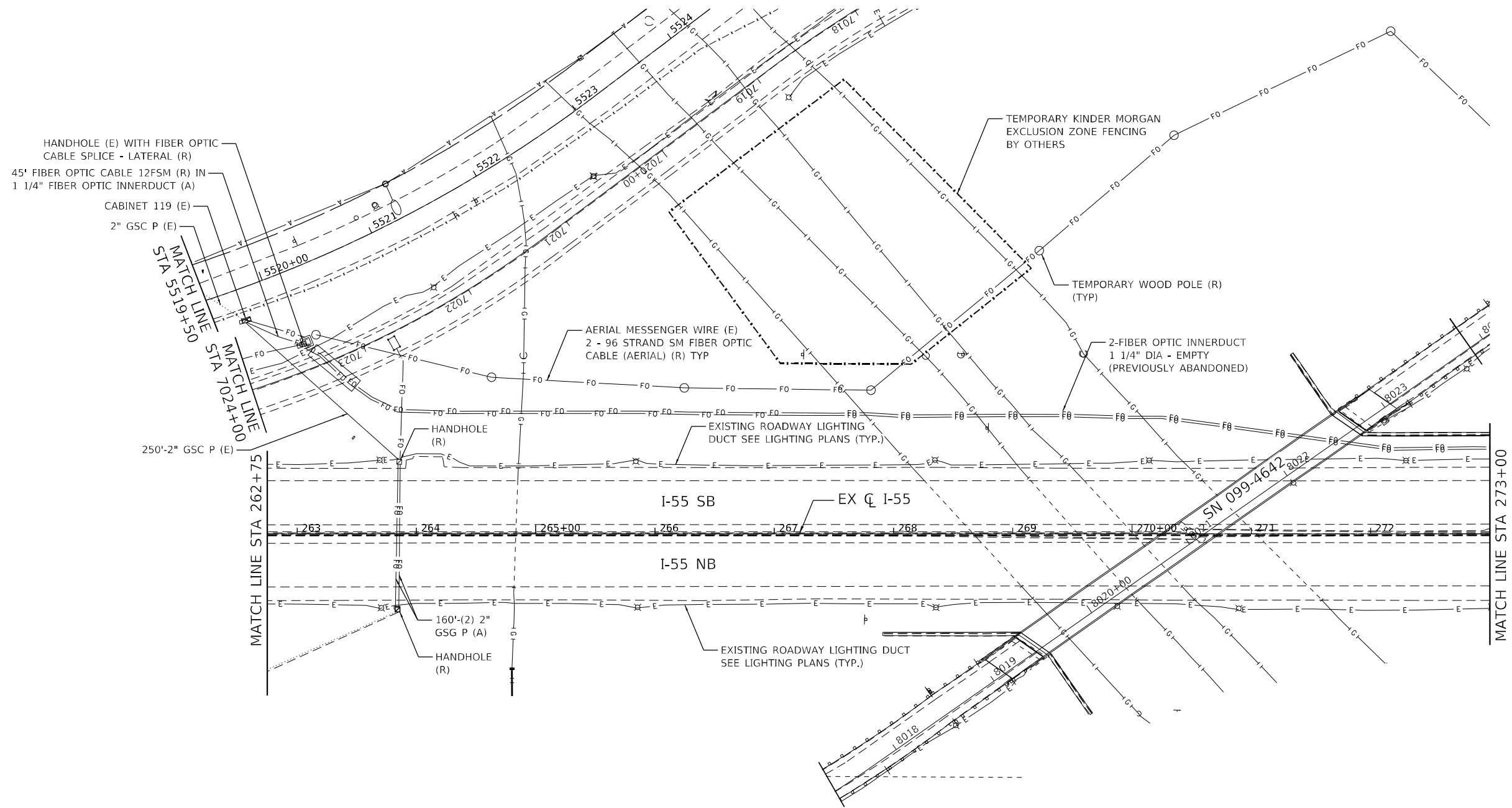
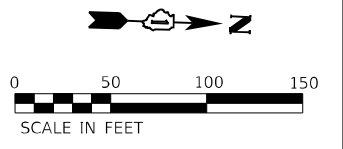
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| | DRAWN - JWORTHINGTON | REVISED - |
| PLOT SCALE = 1/200,0000' / ft. | CHECKED - GTHIESSE | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TRAFFIC SURVEILLANCE PLAN
I-55**

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

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| = | 2018-075-R | WILL | 1510 | 966 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



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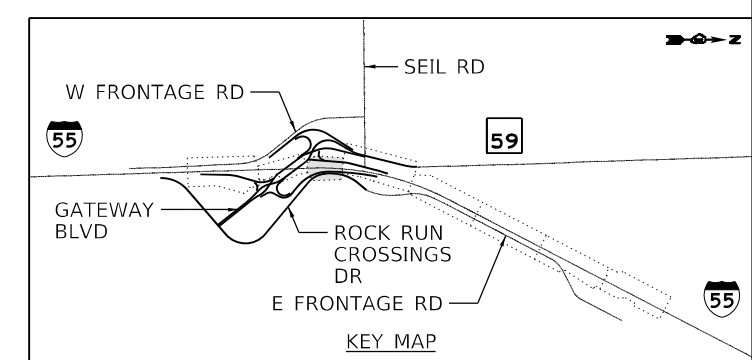
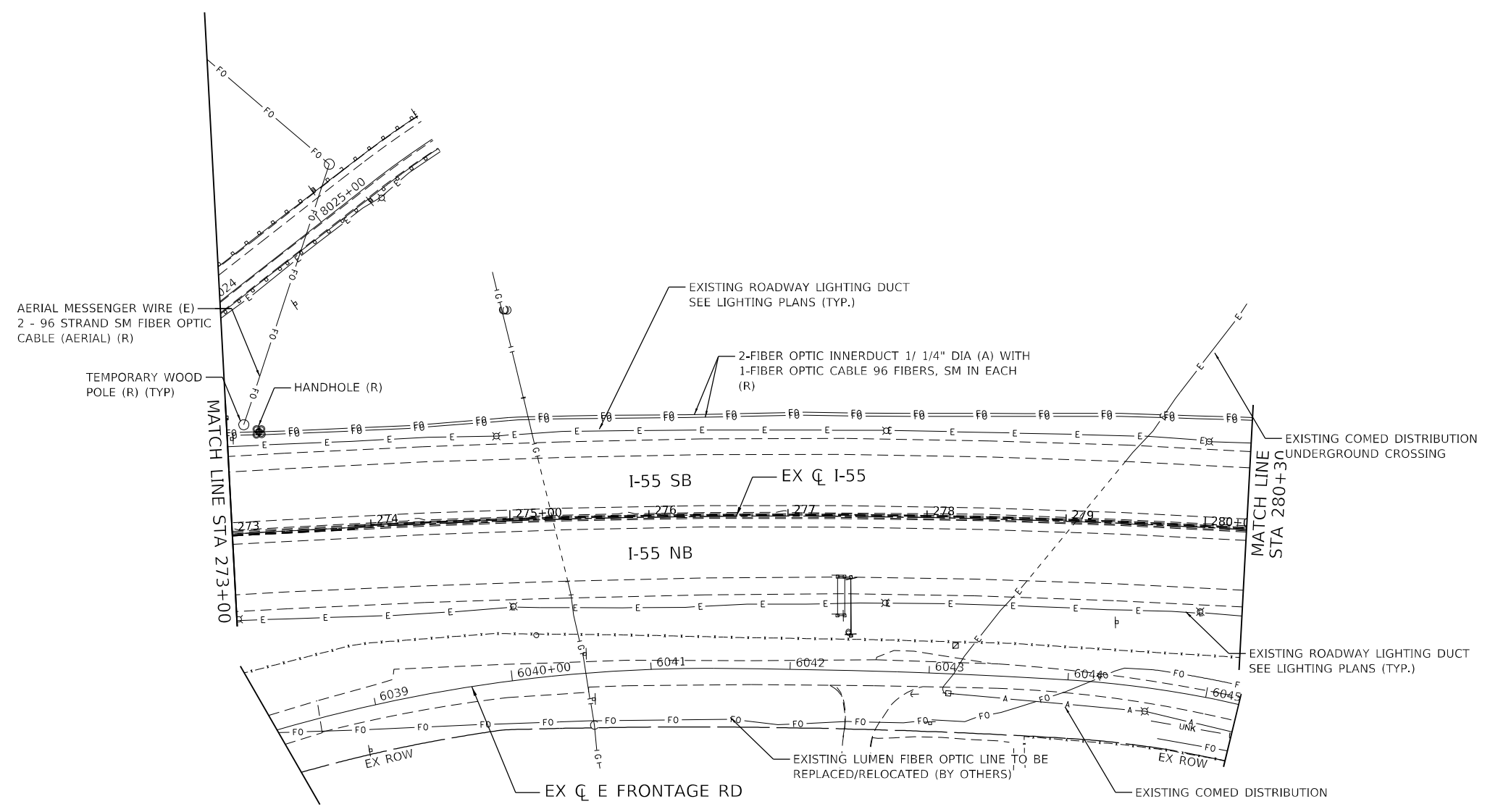
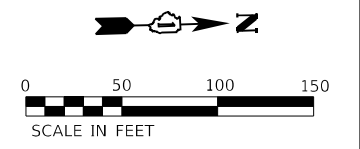


| | | |
|--------------------------------|----------------------|-----------|
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| | DRAWN - JWORTHINGTON | REVISED - |
| PLOT SCALE = 1200,0000 ' / ft. | CHECKED - GTHIESSE | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|---|-------|-----------|--------------|
| EXISTING TRAFFIC SURVEILLANCE PLAN | | | |
| I-55 | | | |
| SCALE: 1" = 50' | SHEET | OF SHEETS | STA. TO STA. |

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 967 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



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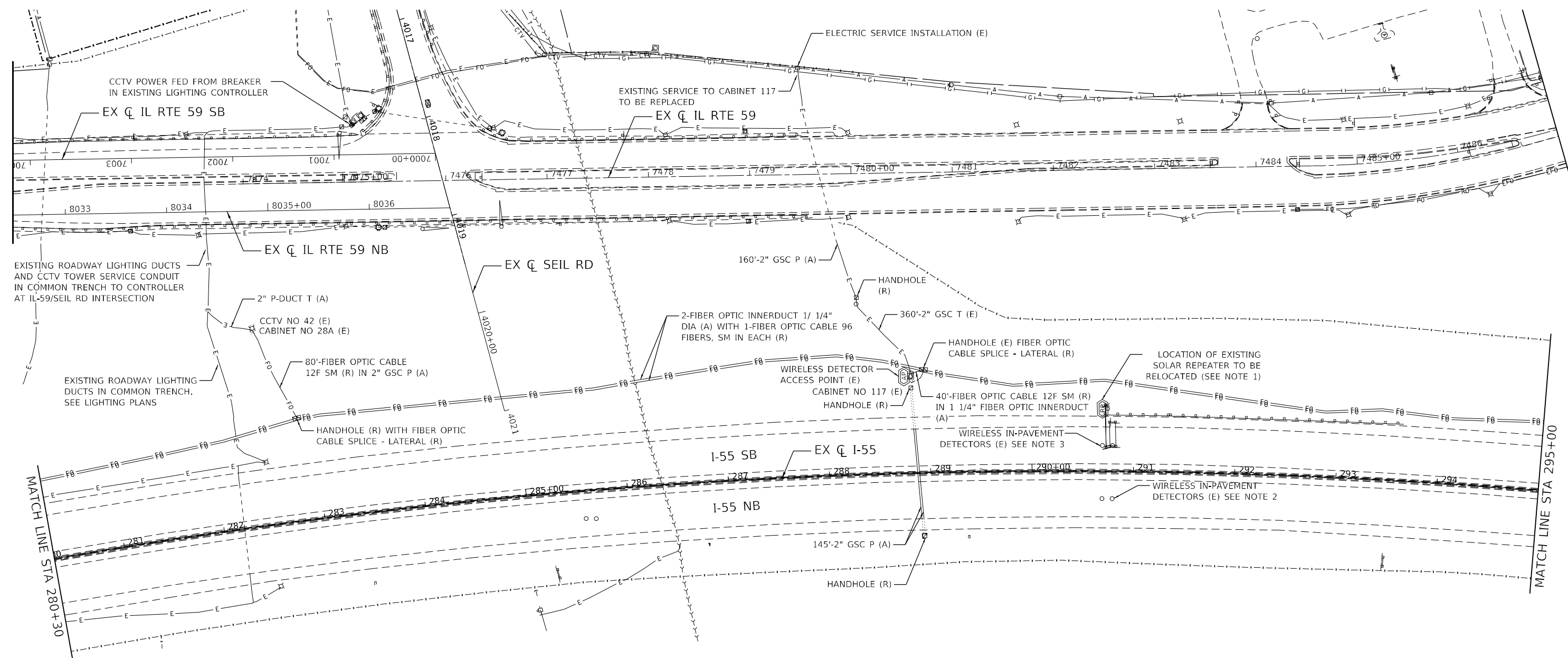
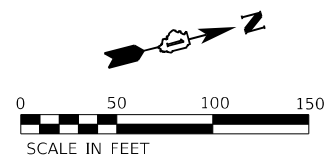
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| DRAWN - JWORTHINGTON | REVISED - | |
| PLOT SCALE = 1200.0000' / ft. | CHECKED - GTHIESSE | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

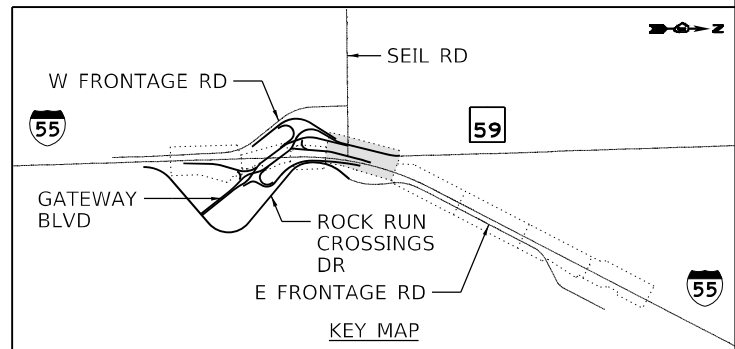
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| EXISTING TRAFFIC SURVEILLANCE PLAN | | | |
| I-55 | | | |
| SCALE: 1" = 50' | SHEET | OF | SHEETS |
| STA. | | TO | STA. |

| | | | | |
|--|------------|--------|--------------|-----------|
| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 968 |
| CONTRACT NO. 62H15 | | | | |
| <small> F.A.I 55, FAP 338 ILLINOIS FED. AID PROJECT </small> | | | | |

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- NOTE:**
1. EXISTING SOLAR REPEATER TO BE INSTALLED AS PART OF CONTRACT 62K30.
 2. EXISTING WIRELESS SENSORS INSTALLED AS PART OF CONTRACT 62K51 TO REMAIN.
 3. EXISTING WIRELESS SENSORS INSTALLED AS PART OF CONTRACT 62K30 TO REMAIN.



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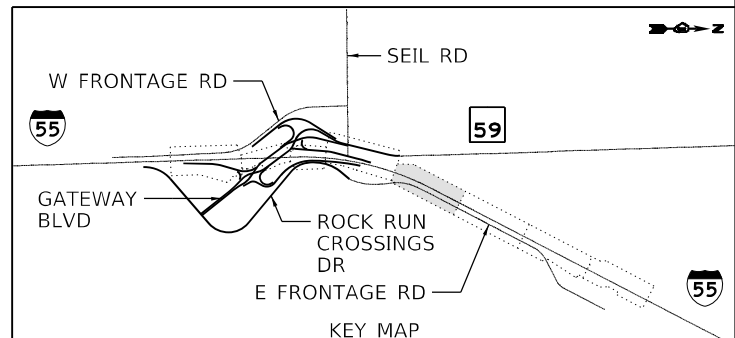
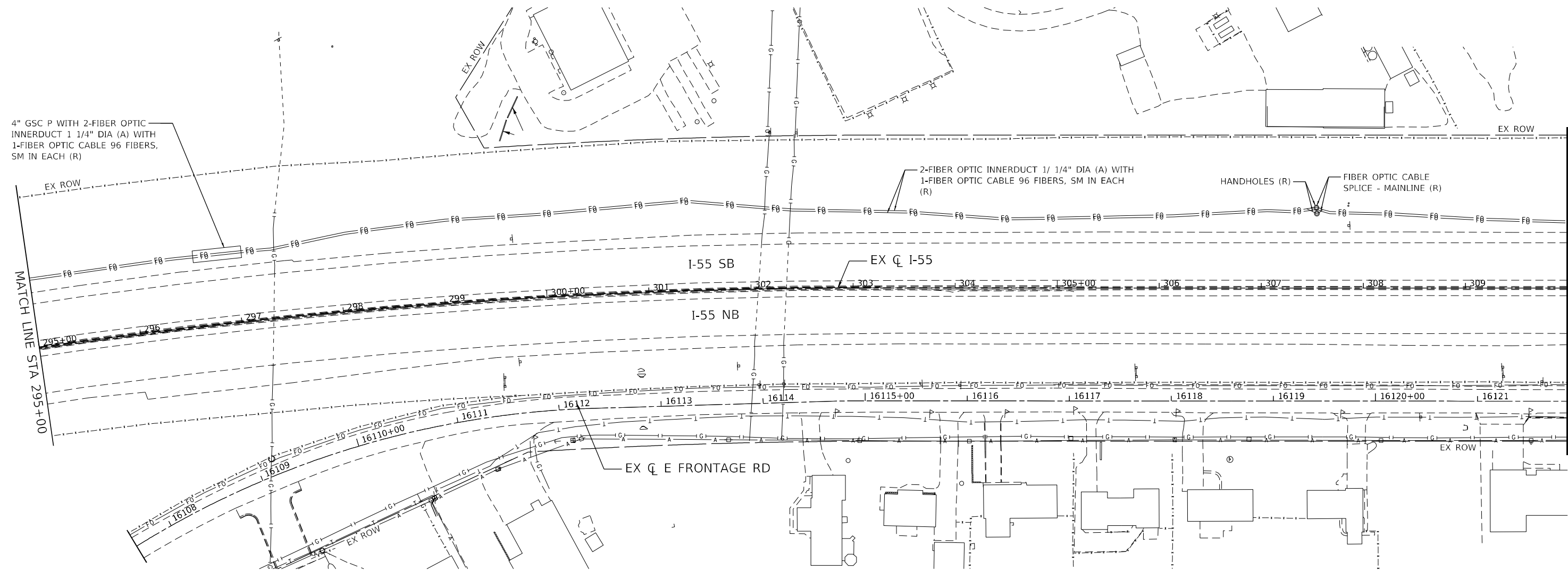
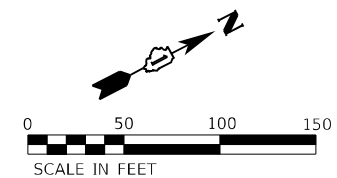


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| PLOT DATE = 3/9/2022 | CHECKED - GTHIESSE | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

| | | | |
|---|-------|----|---------|
| EXISTING TRAFFIC SURVEILLANCE PLAN | | | |
| I-55 | | | |
| SCALE: 1" = 50' | SHEET | OF | SHEETS |
| | STA. | | TO STA. |

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 969 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



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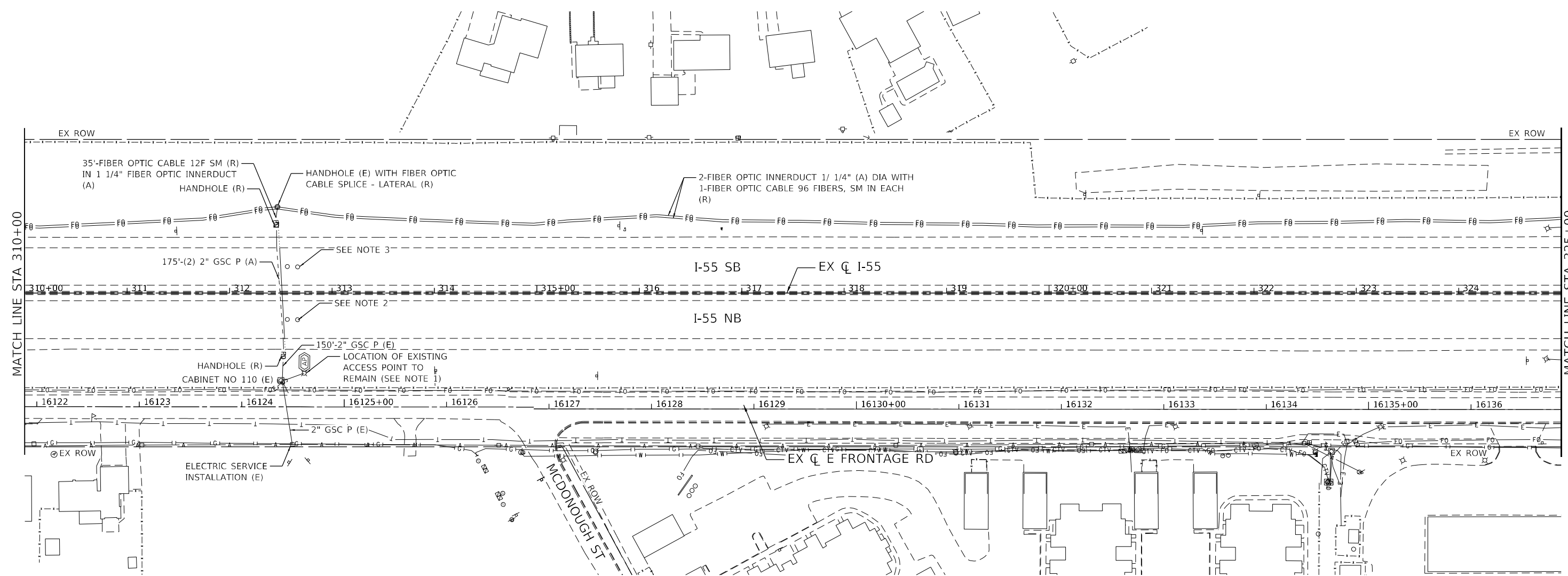
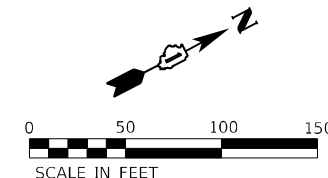


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| USER NAME = jworthington | DESIGNED - GREILLY | REVISED - |
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| PLOT SCALE = 1/200,000" = 1' / ft. | CHECKED - GTHIESSE | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

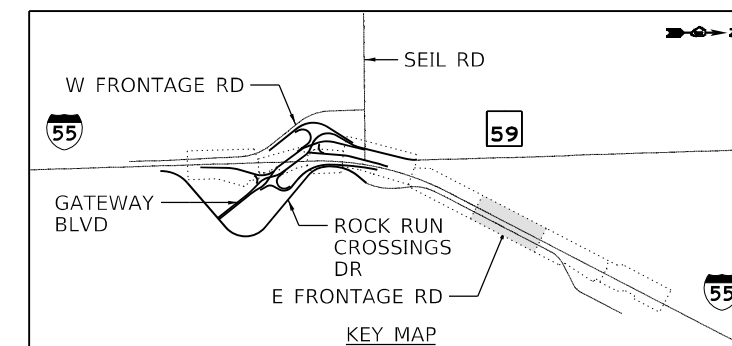
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|------------------------------------|-------|-----------|--------------|
| I-55 | | | |
| SCALE: 1" = 50' | SHEET | OF SHEETS | STA. TO STA. |

| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| 55 | 2018-075-R | WILL | 1510 | 970 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



NOTE:

1. EXISTING ACCESS POINT INSTALLED AS PART OF CONTRACT 62K51 TO BE RELOCATED.
2. EXISTING WIRELESS SENSORS INSTALLED AS PART OF CONTRACT 62K51 TO REMAIN.
3. EXISTING WIRELESS SENSORS INSTALLED AS PART OF CONTRACT 62K30 TO REMAIN.



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 2012/11/30



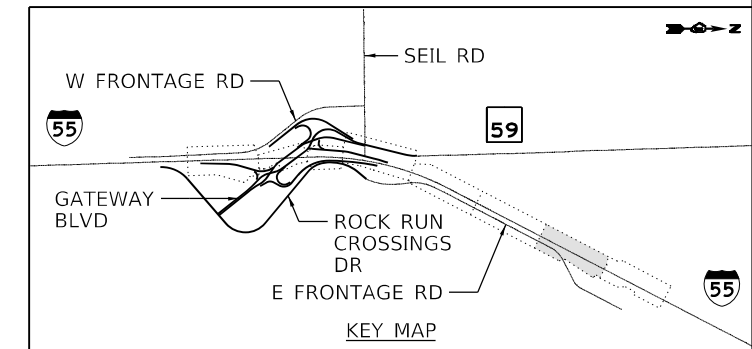
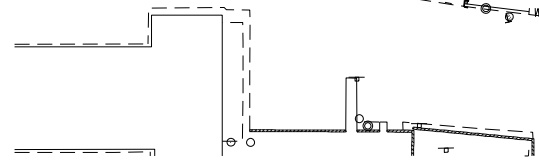
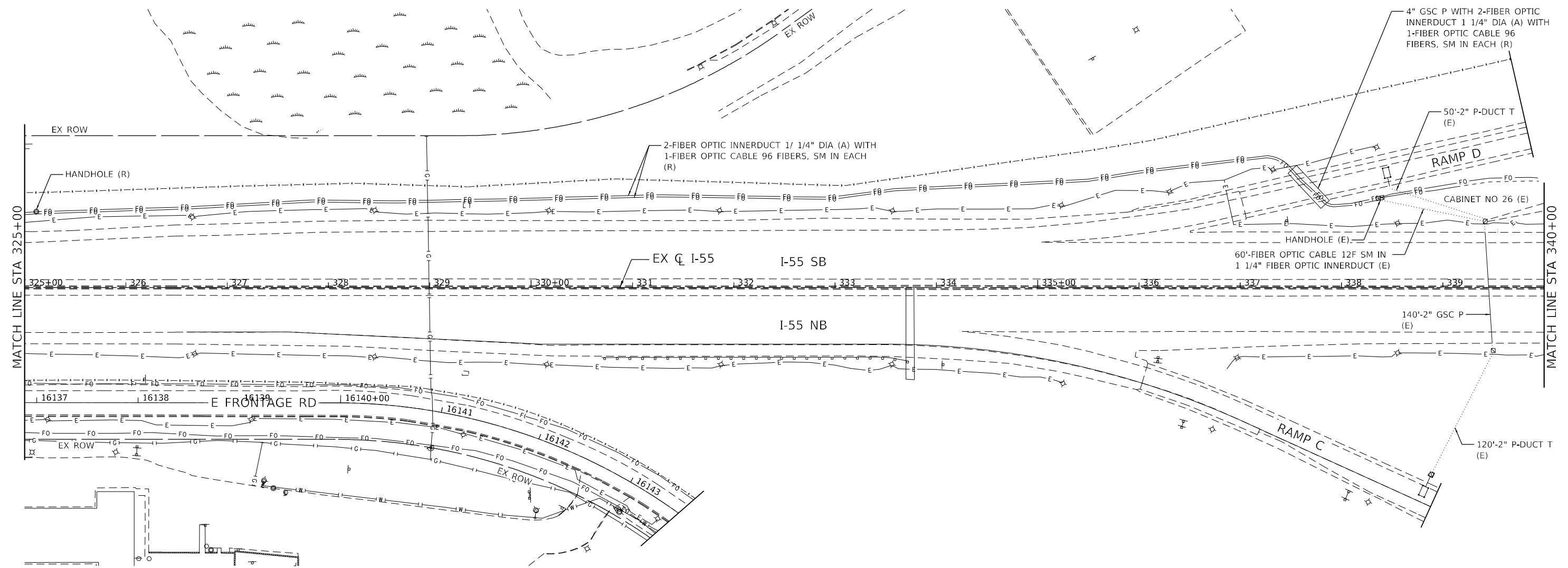
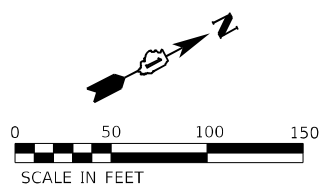
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| PLOT SCALE = 1200,0000 ' / ft. | DRAWN - JWORTHINGTON | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - GTHIESSE | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING TRAFFIC SURVEILLANCE PLAN
I-55**

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

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| = | 2018-075-R | WILL | 1510 | 971 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



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 2012/11/30



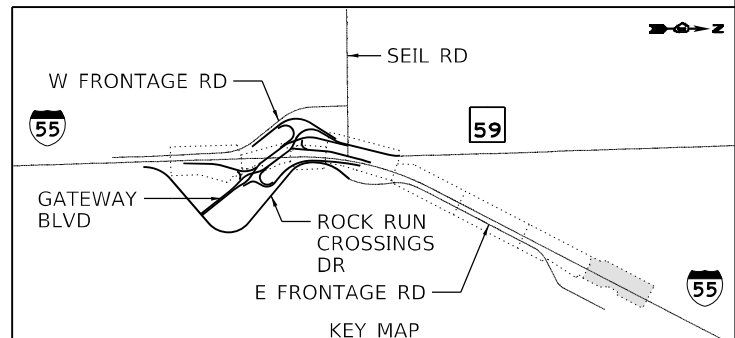
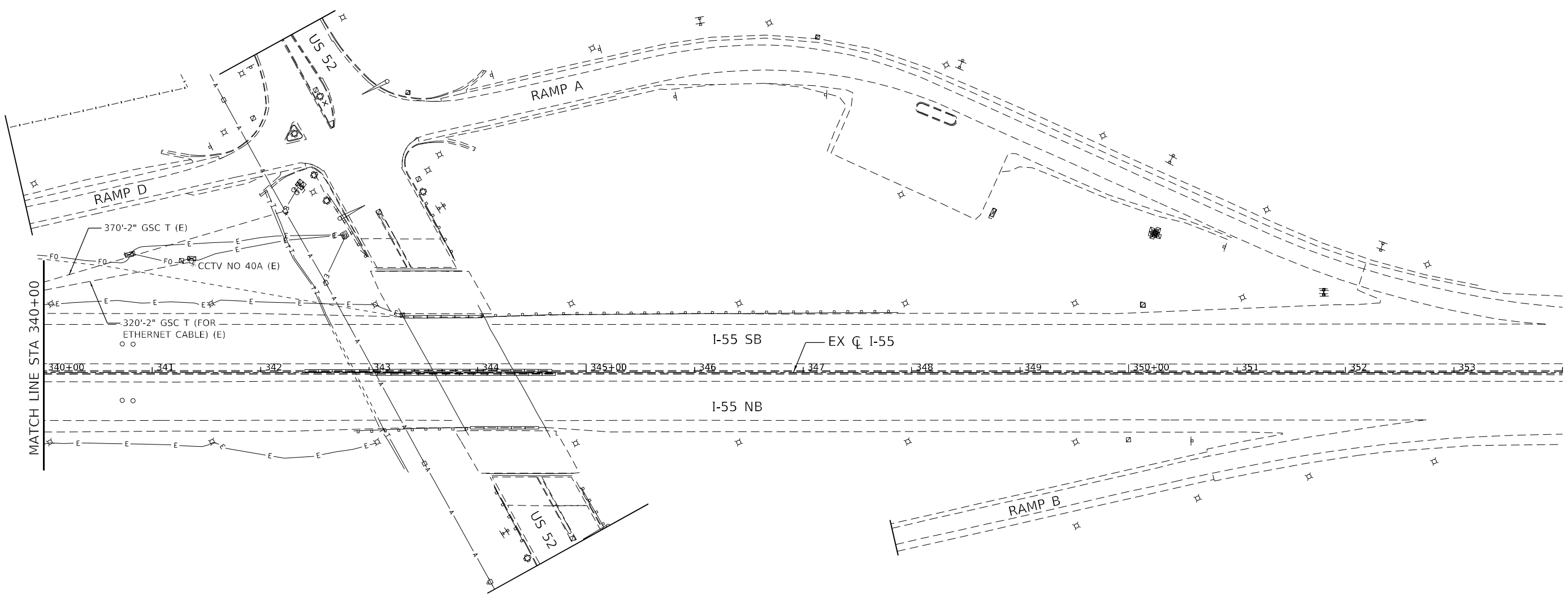
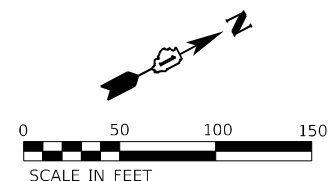
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| DRAWN - JWORTHINGTON | REVISED - | |
| PLOT SCALE = 1200,0000 ' / ft. | CHECKED - GTHIESSE | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TRAFFIC SURVEILLANCE PLAN
I-55

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

| | | | | |
|--|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 972 |
| CONTRACT NO. 62H15 | | | | |
| F.AI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



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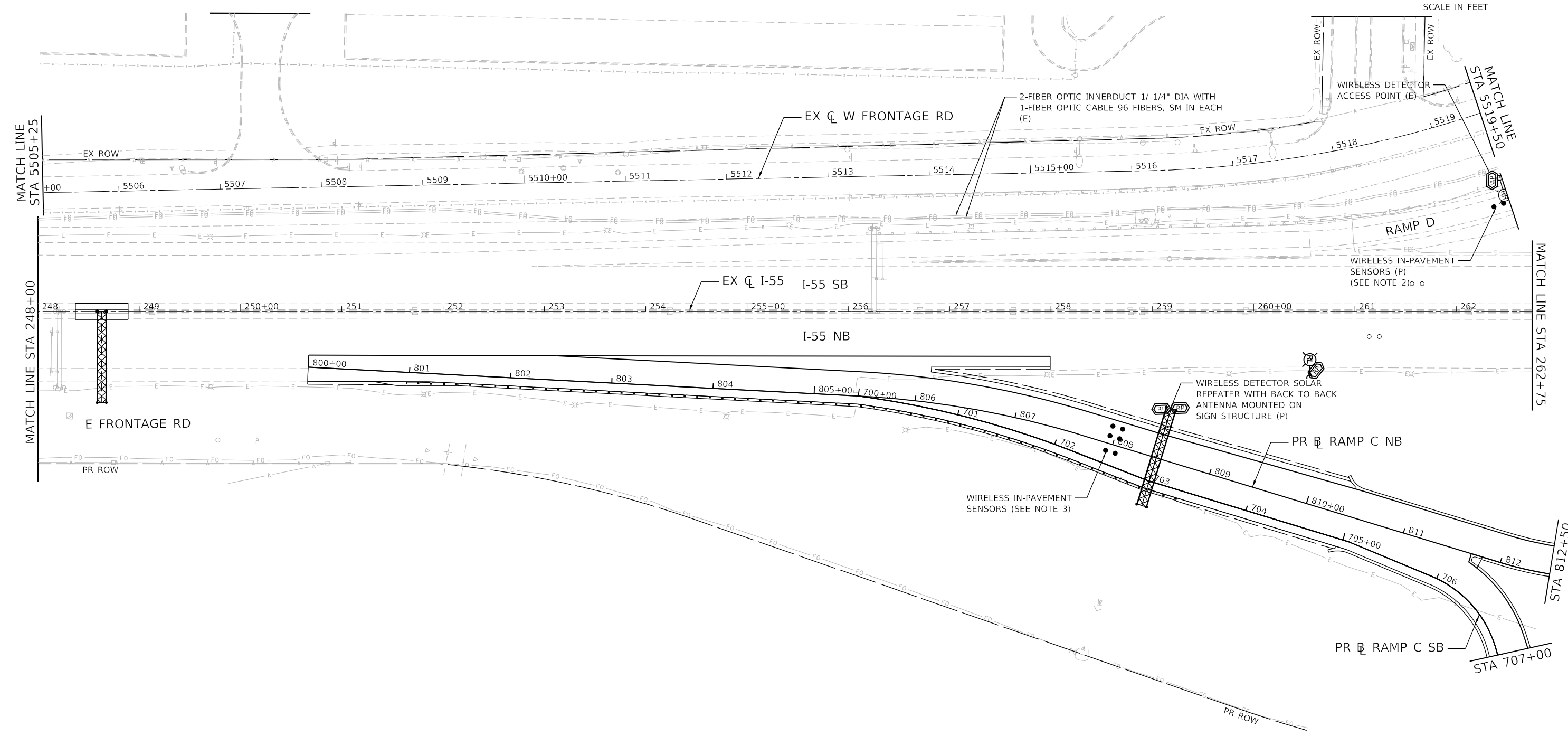
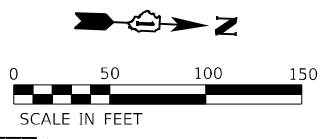


| | | |
|--------------------------------|----------------------|-----------|
| USER NAME = jworthington | DESIGNED - GREILLY | REVISED - |
| PLOT SCALE = 1200,0000 ' / ft. | DRAWN - JWORTHINGTON | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - GTHIESSE | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

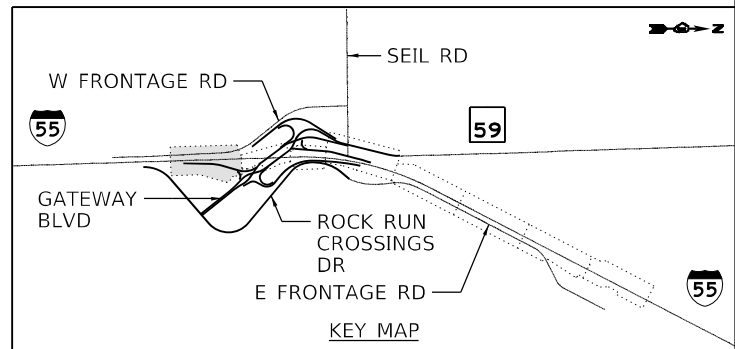
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|---|-------|----|---------|
| EXISTING TRAFFIC SURVEILLANCE PLAN | | | |
| I-55 | | | |
| SCALE: 1" = 50' | SHEET | OF | SHEETS |
| | STA. | | TO STA. |

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 973 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



NOTE:

1. WIRELESS DETECTION SENSORS SHALL BE CENTERED IN THE SAME LANE AND SHALL BE 20' APART.
2. THE RADIO FOR THESE SENSORS IS LOCATED AT CABINET 119.
3. WIRELESS IN-PAVEMENT SENSORS SHALL BE INCLUDED IN "WIRELESS VEHICLE DETECTION SYSTEM."
4. THE SOLAR REPEATER (BACK-TO-BACK) SHALL BE INSTALLED ON THE PROPOSED SIGN TRUSS. THE REPEATER SHALL BE SENSYS FLEX-RPT3-SLR.
5. THE UNIVERSAL MOUNTING BRACKET (SENSYS KIT-MTG) SHALL BE INCLUDED WITH EACH REPEATER.



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 2012/11/30



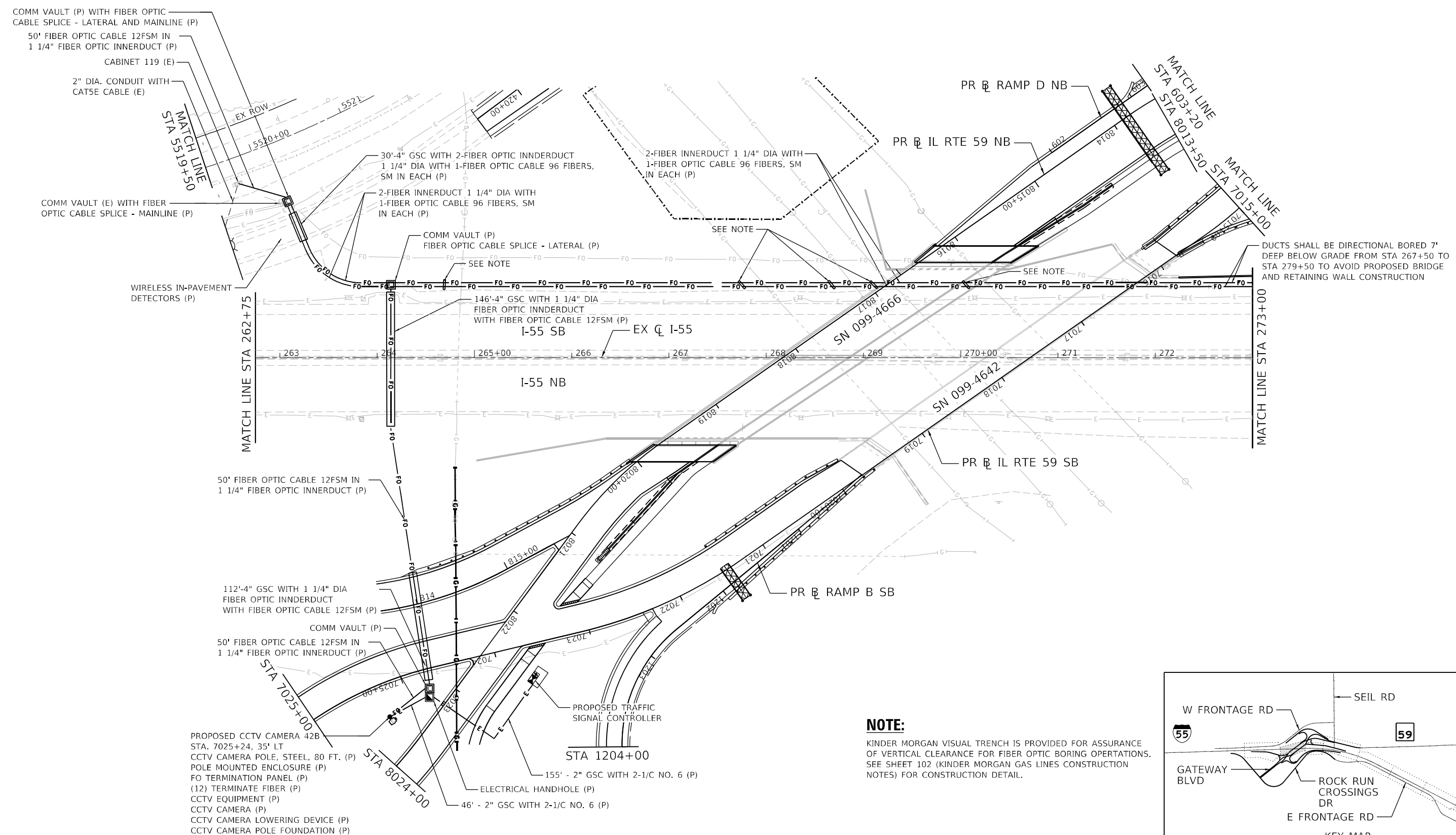
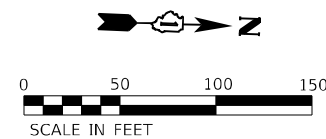
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| | DRAWN - JWORTHINGTON | REVISED - |
| PLOT SCALE = 1200,0000 ' / ft. | CHECKED - GTHIESSE | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SURVEILLANCE PLAN
I-55**

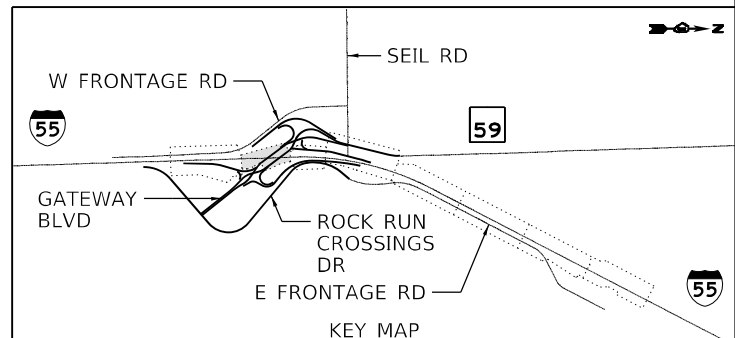
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 974 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



DUCTS SHALL BE DIRECTIONAL BORED 7' DEEP BELOW GRADE FROM STA 267+50 TO STA 279+50 TO AVOID PROPOSED BRIDGE AND RETAINING WALL CONSTRUCTION

NOTE:
KINDER MORGAN VISUAL TRENCH IS PROVIDED FOR ASSURANCE OF VERTICAL CLEARANCE FOR FIBER OPTIC BORING OPERATIONS. SEE SHEET 102 (KINDER MORGAN GAS LINES CONSTRUCTION NOTES) FOR CONSTRUCTION DETAIL.



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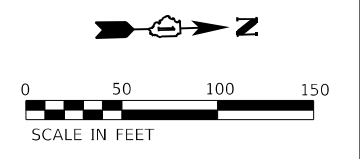
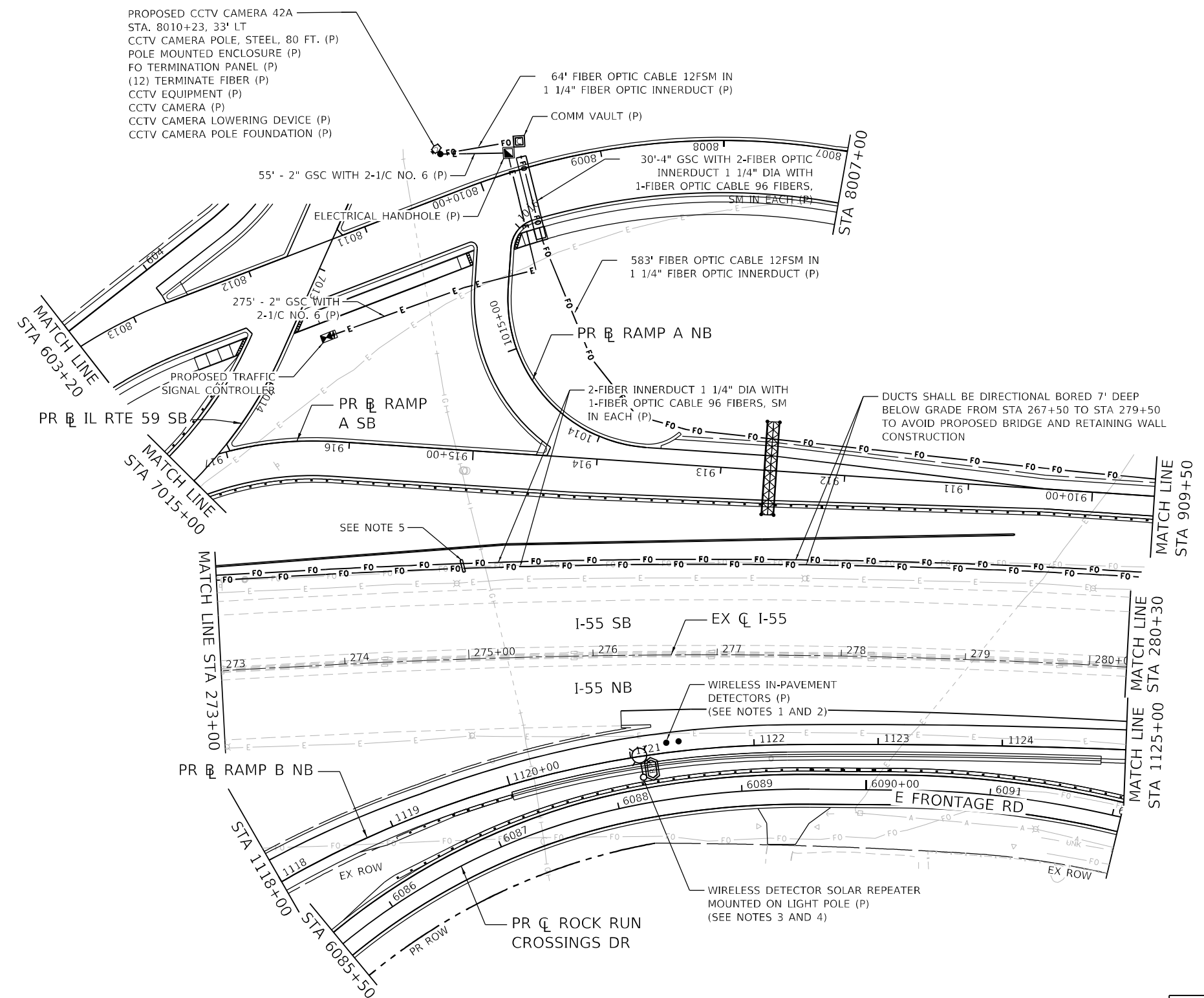
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|-------------------------------|----------------------|-----------|
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| | DRAWN - JWORTHINGTON | REVISED - |
| PLOT SCALE = 1200,0000' / ft. | CHECKED - GTHIESSE | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SURVEILLANCE PLAN
I-55**

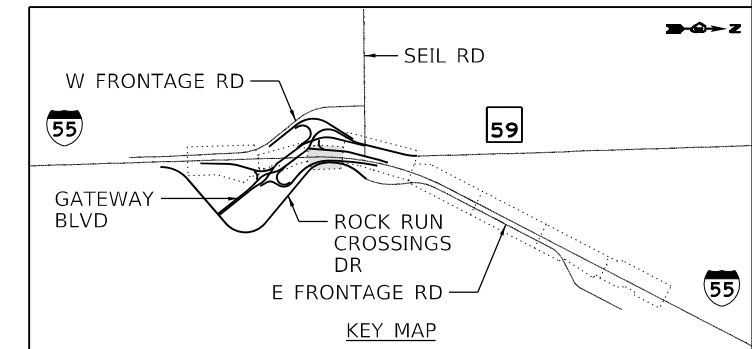
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| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| | 2018-075-R | WILL | 1510 | 975 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



NOTE:

1. WIRELESS DETECTION SENSORS SHALL BE CENTERED IN THE SAME LANE AND SHALL BE 20' APART.
2. WIRELESS IN-PAVEMENT SENSORS SHALL BE INCLUDED IN "WIRELESS VEHICLE DETECTION SYSTEM."
3. THE SOLAR REPEATER SHALL BE INSTALLED ON THE PROPOSED LIGHT POLE. THE REPEATER SHALL BE SENSYS FLEX-RPT3-SLR.
4. THE UNIVERSAL MOUNTING BRACKET (SENSYS KIT-MTG) SHALL BE INCLUDED WITH THE REPEATER.
5. KINDER MORGAN VISUAL TRENCH IS PROVIDED FOR ASSURANCE OF VERTICAL CLEARANCE FOR FIBER OPTIC BORING OPERATIONS. SEE SHEET 102 (KINDER MORGAN GAS LINES CONSTRUCTION NOTES) FOR CONSTRUCTION DETAIL.



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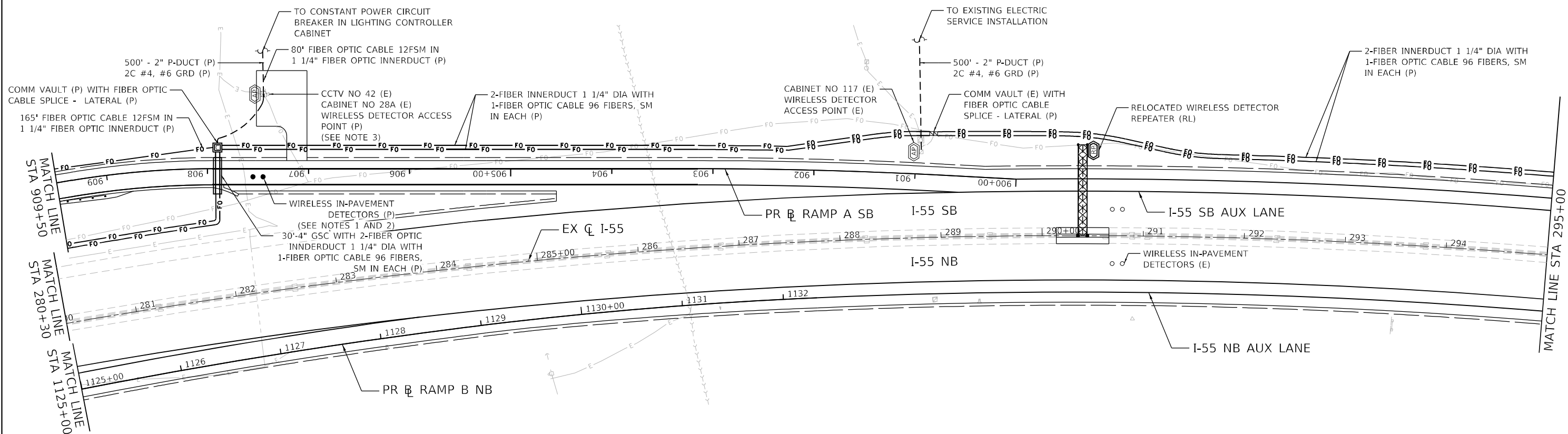
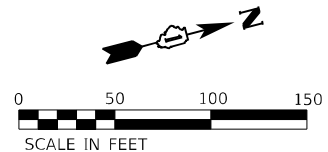
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| | DRAWN - | REVISED - |
| PLOT SCALE = 1/200,0000' / ft. | CHECKED - | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SURVEILLANCE PLAN
I-55**

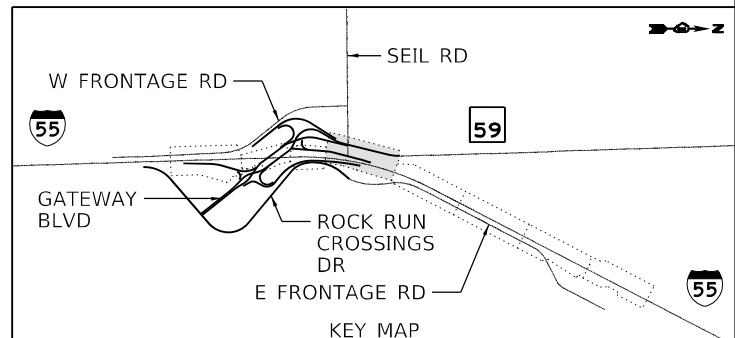
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

| | | | | |
|---|------------|--------|-----------------|--------------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| = | 2018-075-R | WILL | 1510 | 976 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



NOTE:

1. WIRELESS DETECTION SENSORS SHALL BE CENTERED IN THE SAME LANE AND SHALL BE 20' APART.
2. WIRELESS IN-PAVEMENT SENSORTS SHALL BE INCLUDED IN "WIRELESS VEHICLE DETECTION SYSTEM."
3. THE RADIO SHALL BE CONNECTED TO CABINET 28A.



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| | | |
|---------------------------------|----------------------|-----------|
| USER NAME = jworthington | DESIGNED - GREILLY | REVISED - |
| PLOT SCALE = 1/2000.0000' / ft. | DRAWN - JWORTHINGTON | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - GTHIESSE | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

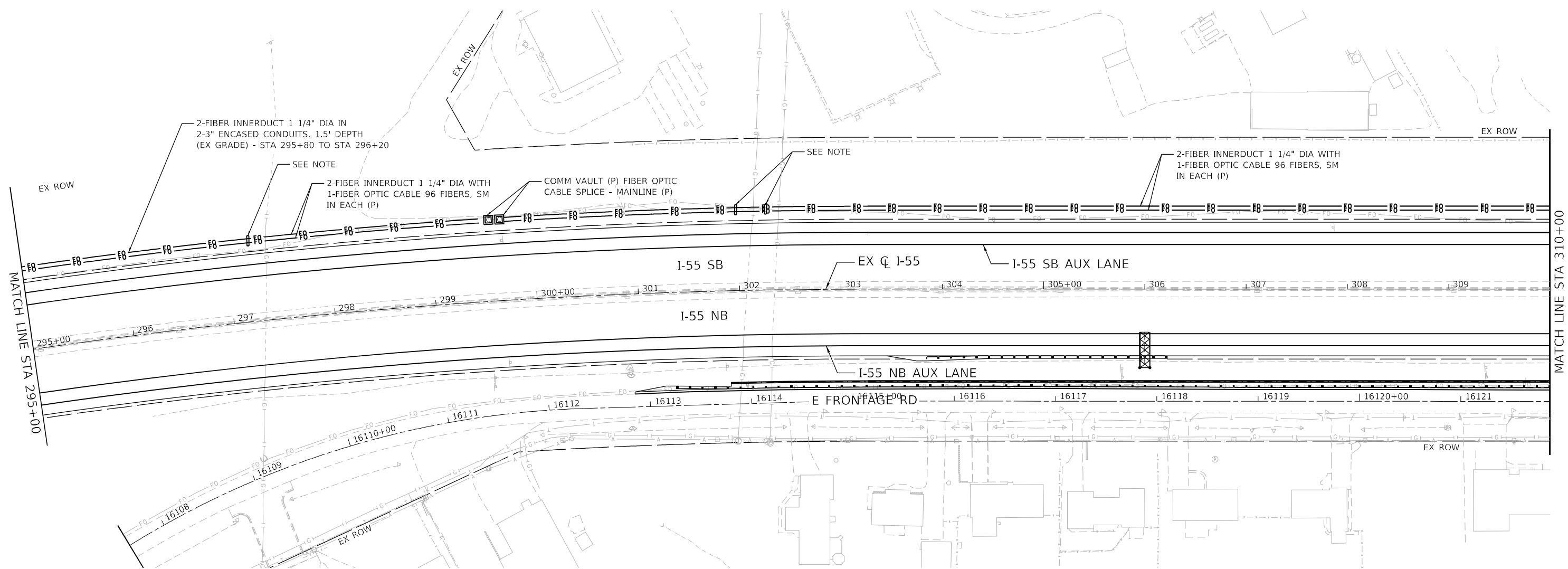
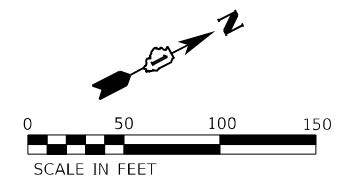
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SURVEILLANCE PLAN
I-55**

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

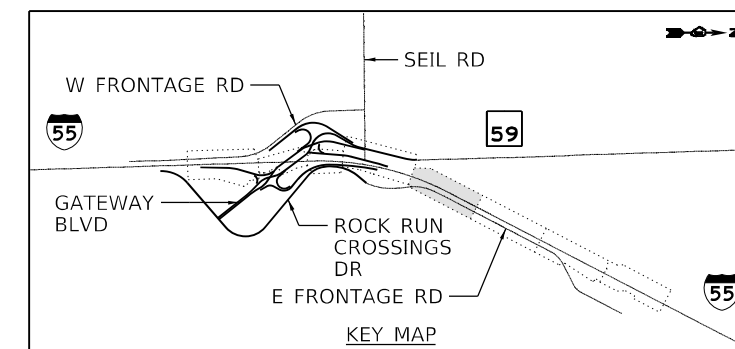
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| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

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NOTE:

KINDER MORGAN VISUAL TRENCH IS PROVIDED FOR ASSURANCE OF VERTICAL CLEARANCE FOR FIBER OPTIC BORING OPERATIONS. SEE SHEET 102 (KINDER MORGAN GAS LINES CONSTRUCTION NOTES) FOR CONSTRUCTION DETAIL.



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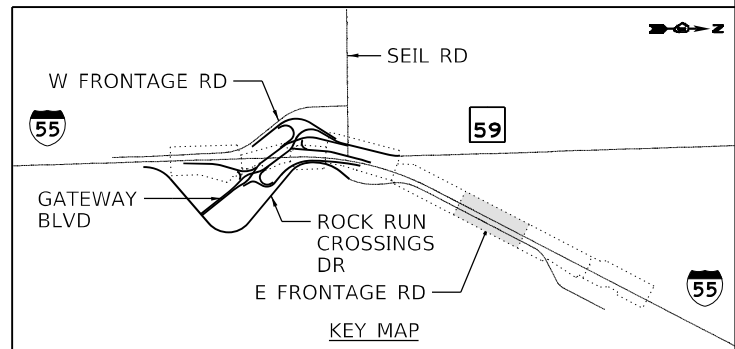
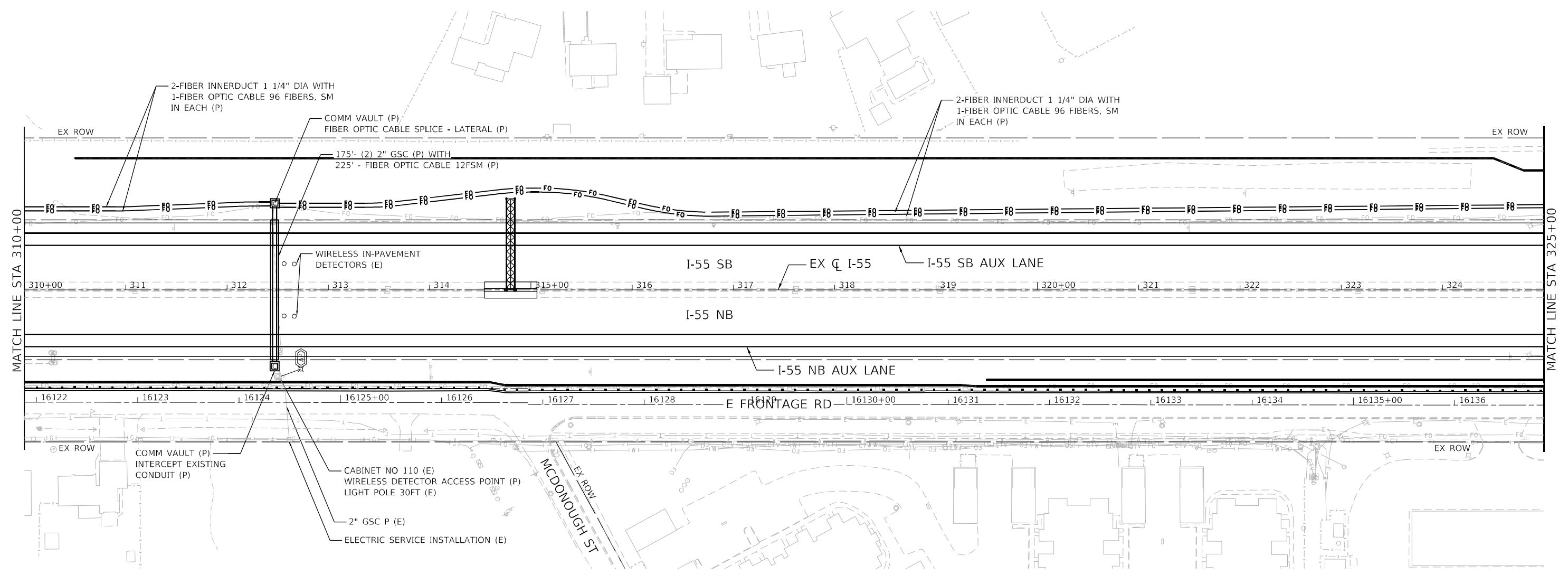
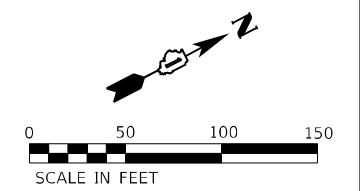
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| DRAWN - JWORTHINGTON | REVISED - | |
| PLOT SCALE = 1200,0000 ' / ft. | CHECKED - GTHIESSE | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SURVEILLANCE PLAN
I-55**

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

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



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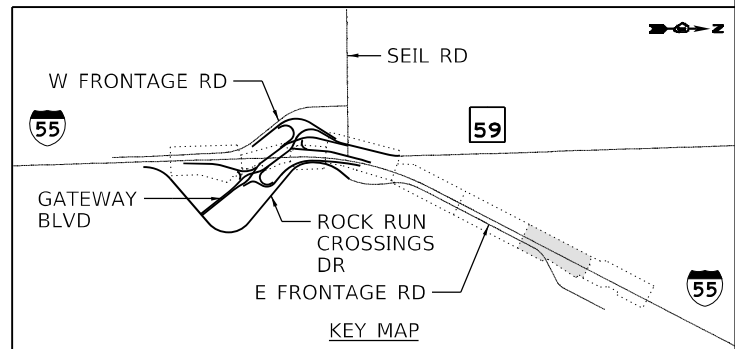
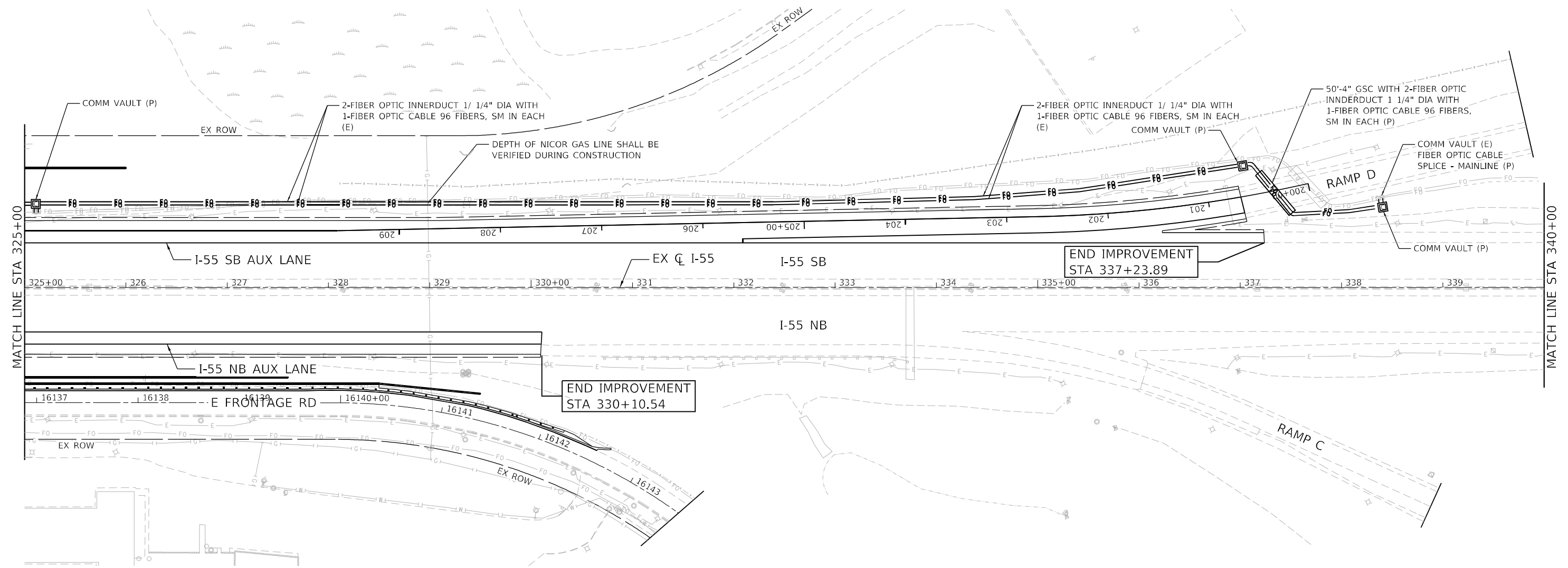
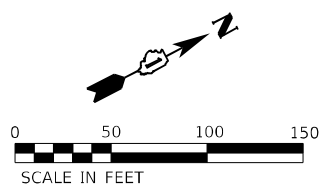
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| PLOT DATE = 3/9/2022 | CHECKED - GTHIESSE | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SURVEILLANCE PLAN
I-55**

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

| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| * | 2018-075-R | WILL | 1510 | 979 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



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| | | |
|--------------------------------|----------------------|-----------|
| USER NAME = jworthington | DESIGNED - GREILLY | REVISED - |
| | DRAWN - JWORTHINGTON | REVISED - |
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| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

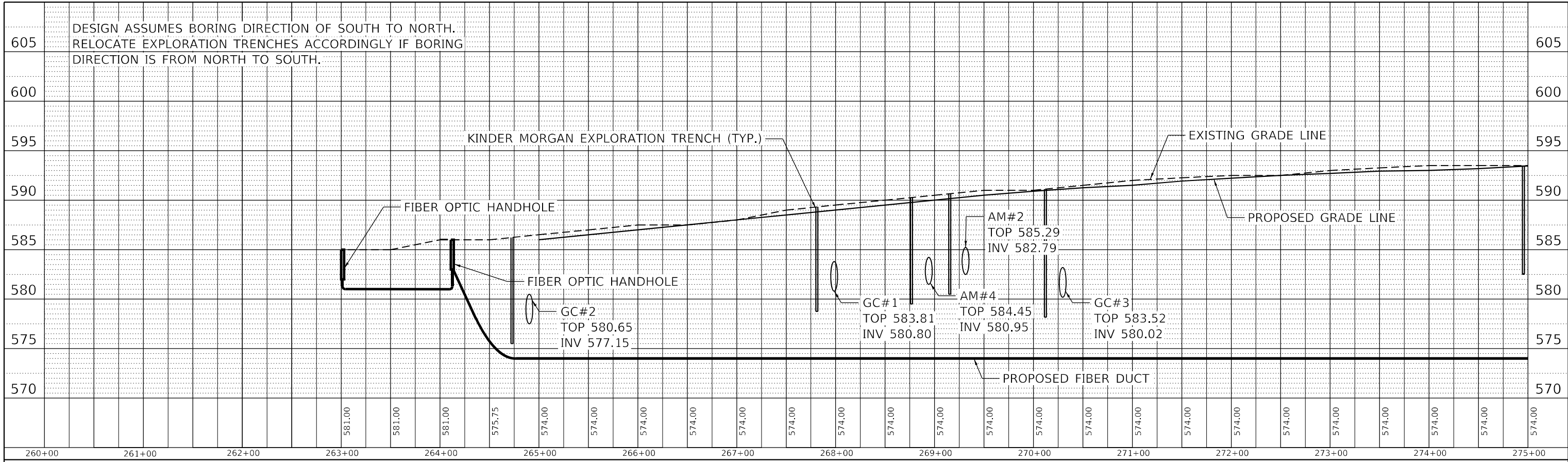
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SURVEILLANCE PLAN
I-55**

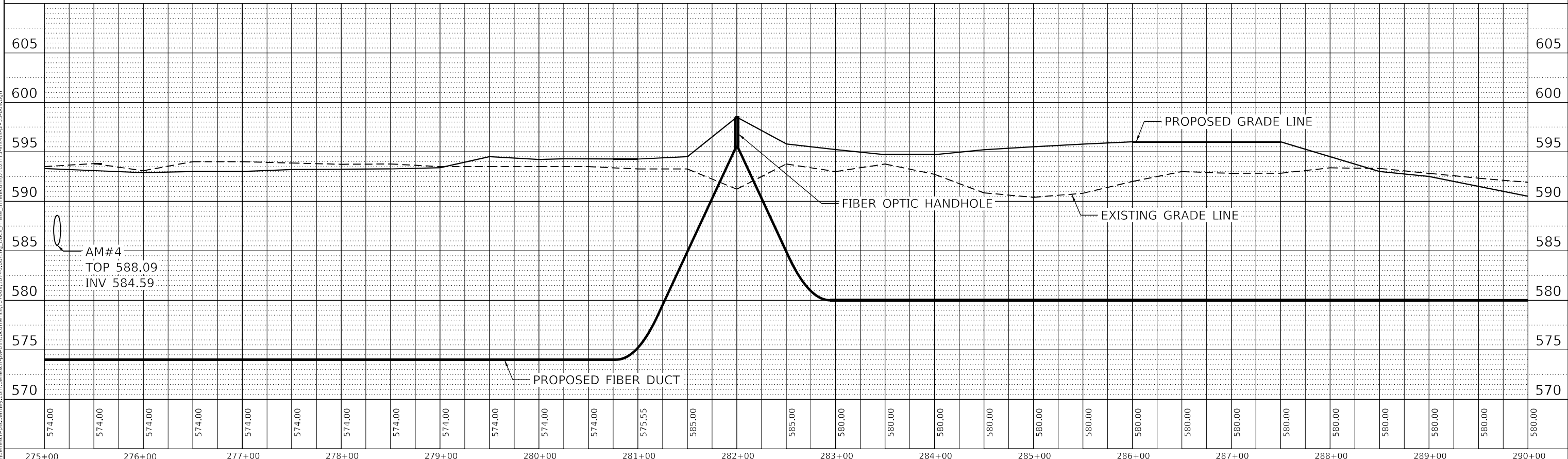
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| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 980 |
| CONTRACT NO. 62H15 | | | | |
| FAY 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

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| PROFILE | SURVEYED | DATE |
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| | NO. | |
| | STRUCTURE NOTATION | |



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 DRAWN: JWORTHINGTON
 CHECKED: GTHIESSE
 DATE: 03/16/2022
 PLOT SCALE: 1200,0000 ' / ft.
 PLOT DATE: 3/9/2022



| | | |
|--------------------------------|----------------------|-----------|
| USER NAME = jworthington | DESIGNED - GREILLY | REVISED - |
| | DRAWN - JWORTHINGTON | REVISED - |
| PLOT SCALE = 1200,0000 ' / ft. | CHECKED - GTHIESSE | REVISED - |
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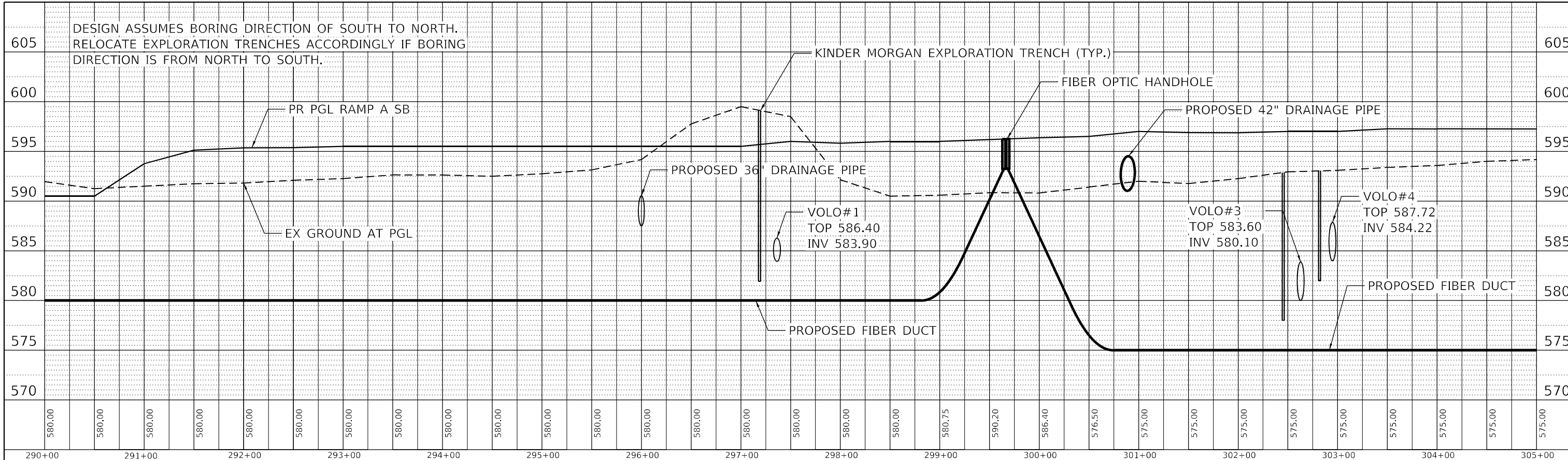
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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| TRAFFIC SURVEILLANCE PROFILE | | | |
| I-55 | | | |
| SCALE: 1" = 50' | SHEET | OF | SHEETS |
| STA. | TO | STA. | |

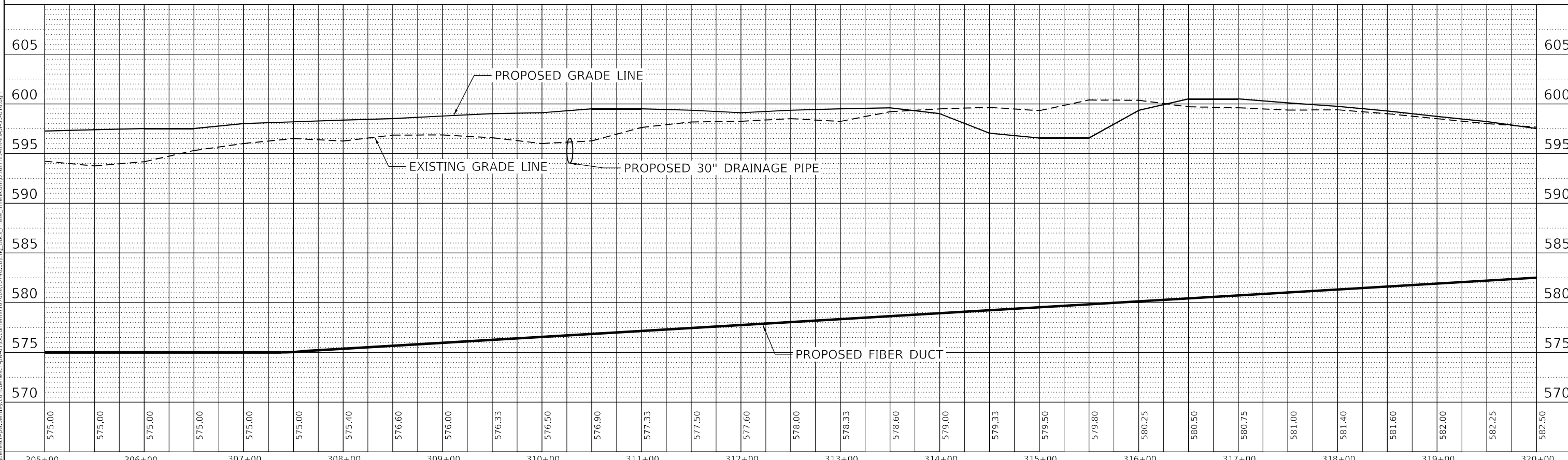
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| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

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| | PLOTTED | |
| | ALIGNMENT CHECKED | |
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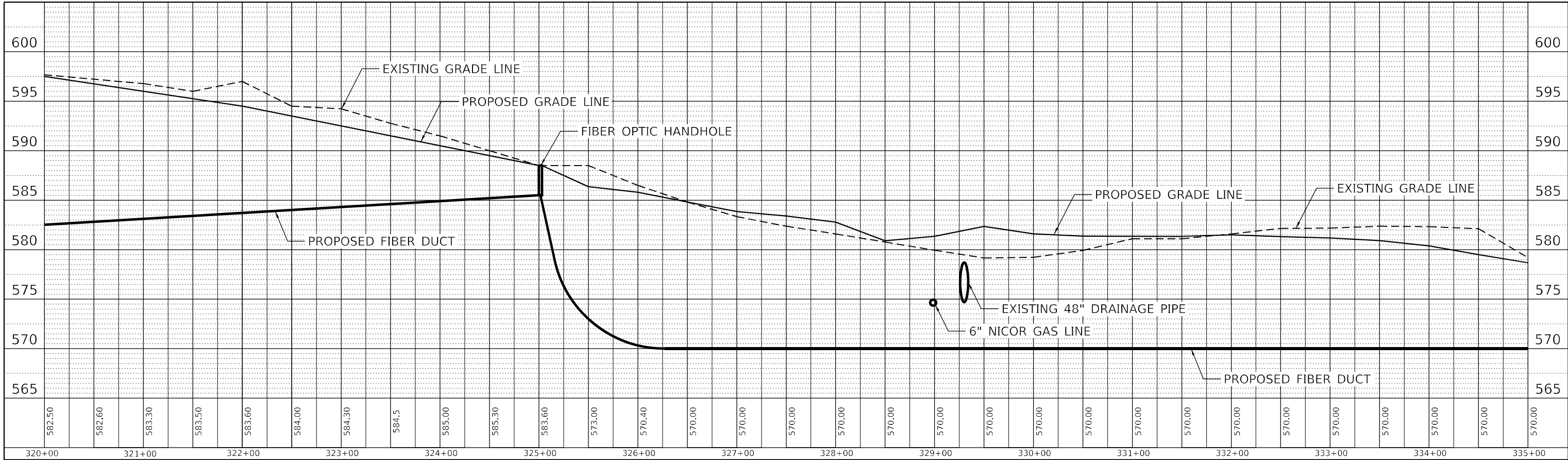
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| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

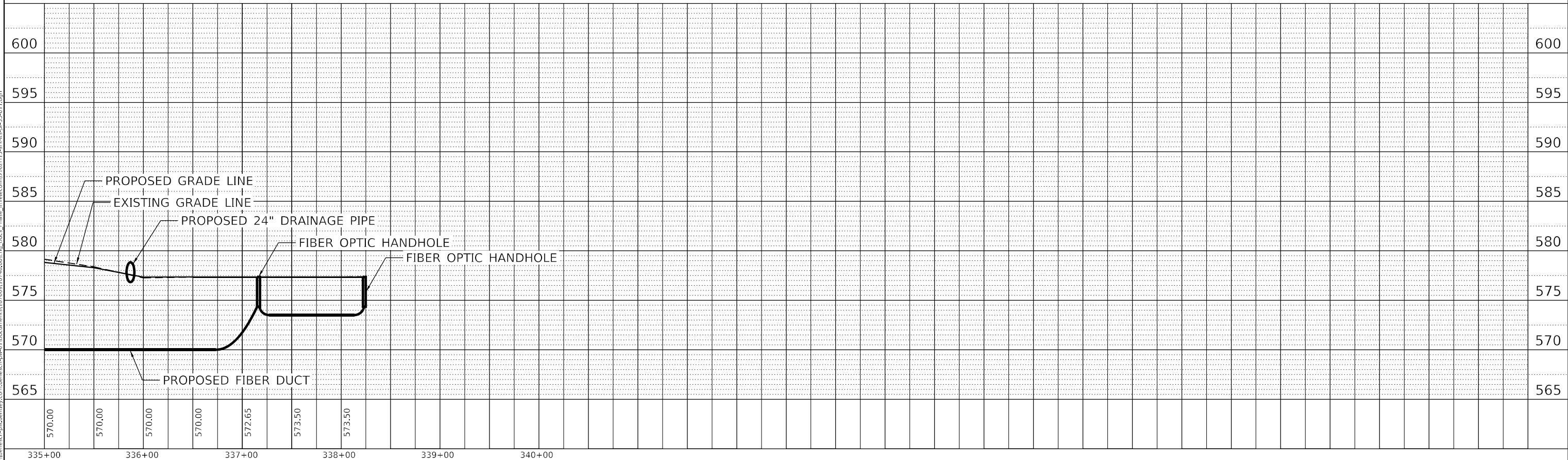
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| TRAFFIC SURVEILLANCE PROFILE | | | |
| I-55 | | | |
| SCALE: 1" = 50' | SHEET | OF SHEETS | STA. TO STA. |

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| * | 2018-075-R | WILL | 1510 | 982 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

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| | NOTE BOOK NO. | | |
| | STRUCTURE NOTATIONS CHECKED | | |



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 PLOT DATE = 3/9/2022

DESIGNED - GREILLY
 DRAWN - JWORTHINGTON
 CHECKED - GTHIESSE
 DATE - 03/16/2022

REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

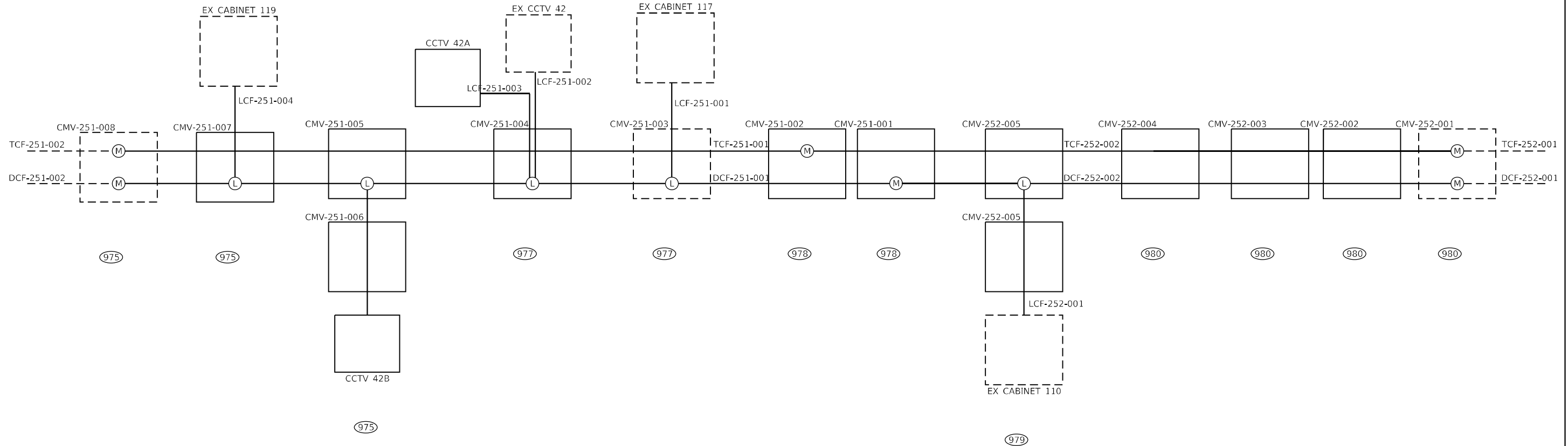
**TRAFFIC SURVEILLANCE PROFILE
 I-55**

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

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| * | 2018-075-R | WILL | 1510 | 983 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

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LEGEND

- TCF-xx-000 TRUNK FIBER OPTIC CABLE, 96 FIBER
- DCF-xx-000 DISTRIBUTION FIBER OPTIC CABLE, 96 FIBER
- LCF-xx-000a LATERAL FIBER OPTIC CABLE, 12 FIBER
- TCF-xx-yyy (E) EXISTING FIBER OPTIC CABLE
- (L) FIBER OPTIC SPLICE, LATERAL
- (M) FIBER OPTIC SPLICE, MAINLINE
- (344) PLAN SHEET NUMBER
- CMV-xx-000 COMMUNICATIONS VAULT
- HHF-xx-000 HANDHOLE
- JBF-xx-000 JUNCTION BOX

YYY-XX-ZZZ
 --- DESIGNATION NUMBER
 --- LOCATION DESIGNATION
 --- EQUIPMENT DESIGNATION PREFIX

EQUIPMENT PREFIX DESCRIPTIONS

| PREFIX | DESCRIPTION |
|--------|--------------------------|
| TCF | TRUNK CABLE FIBER |
| DCF | DISTRIBUTION CABLE FIBER |
| LCF | LATERAL CABLE FIBER |
| CMV | COMMUNICATIONS VAULT |
| HHF | HAND HOLE FIBER |
| PPF | PATCH PANEL FIBER |
| JBF | JUNCTION BOX FIBER |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SURVEILLANCE PLAN
SINGLE LINE DIAGRAM**

SCALE: NTS SHEET OF SHEETS STA. TO STA.

| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|------------|--------|--------------|-----------|
| * | 2018-075-R | WILL | 1510 | 984 |
| CONTRACT NO. 62H15 | | | | |

F.AI 55, FAP 338 ILLINOIS FED. AID PROJECT

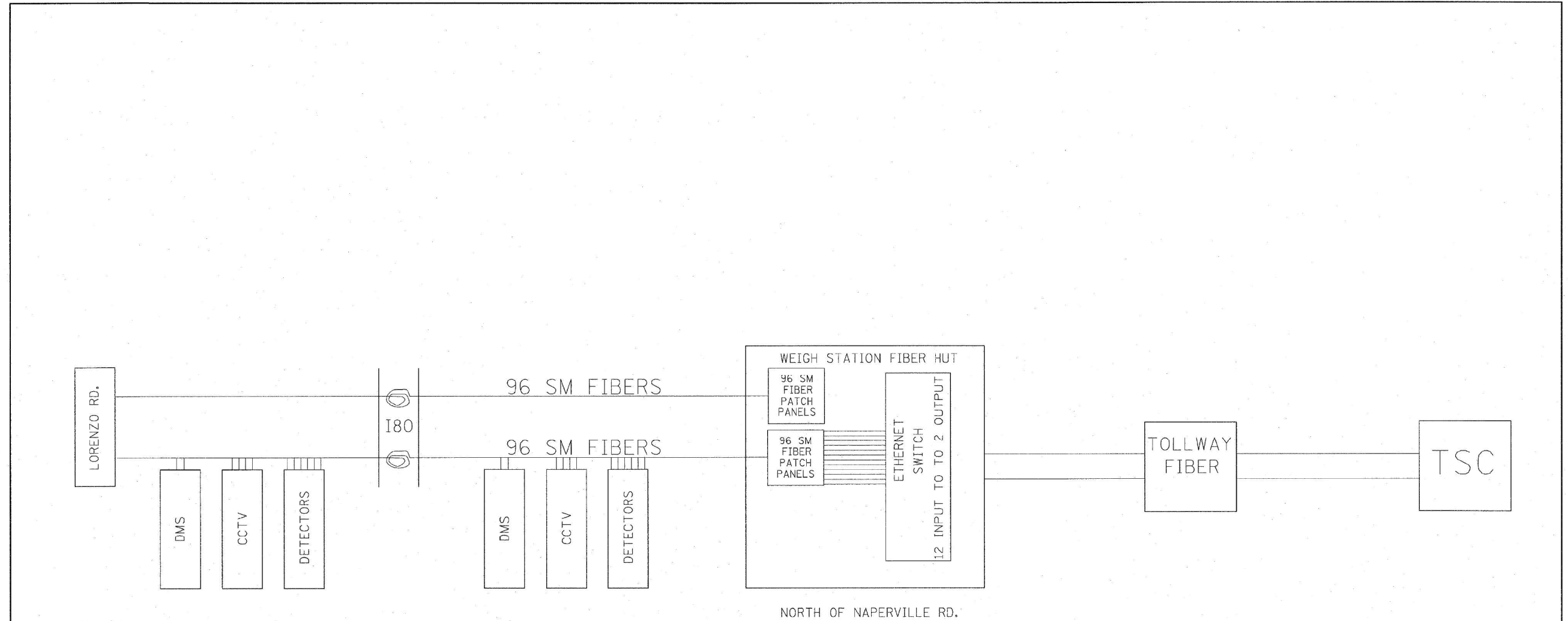
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 51336
 2012/11/30



USER NAME = jworthington
 PLOT SCALE = 240,0000' / ft.
 PLOT DATE = 3/9/2022

DESIGNED - GREILLY
 DRAWN - JWORTHINGTON
 CHECKED - POBRIEN
 DATE - 03/16/2022

REVISED -
 REVISED -
 REVISED -
 REVISED -



FOR INFORMATION ONLY

| | | | | | | | | | | | |
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| PLOT SCALE = #SCALE# PLOT DATE = 3/18/2010 | DATE - 01/19/2010 | REVISED - | SCALE: NONE | | SHEET NO. OF SHEETS | STA. TO STA. | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | CONTRACT NO. | 74 | 44 |
| | | | | | TRAFFIC SYSTEMS CENTER 4TY-1TSC-400#45) | | | | | | |

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 51336
 2012/11/30

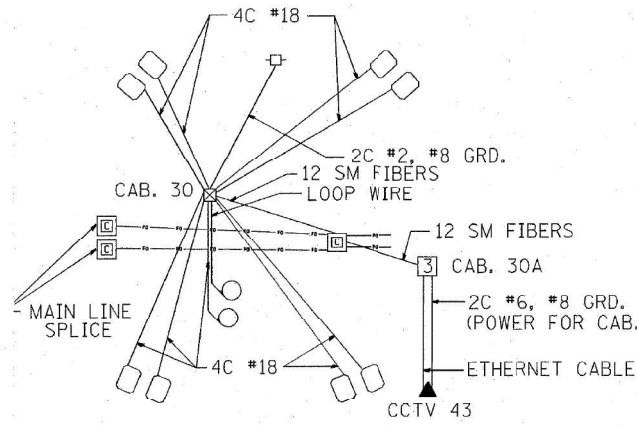


| | | |
|------------------------------|----------------------|-----------|
| USER NAME = jworthington | DESIGNED - GREILLY | REVISED - |
| PLOT SCALE = 24,0000 * / ft. | DRAWN - JWORTHINGTON | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - GTHIESSE | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

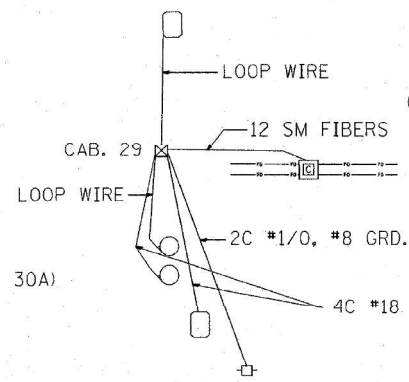
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|-------------------------------------|-----------------|--------------|--|
| TRAFFIC SURVEILLANCE DETAILS | | | |
| SCALE: NTS | SHEET OF SHEETS | STA. TO STA. | |

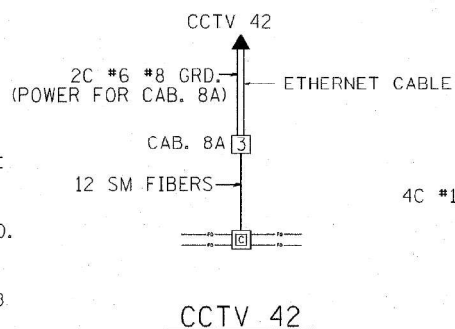
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|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 985 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



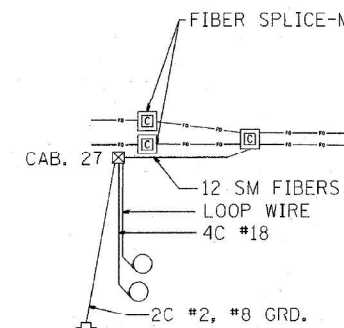
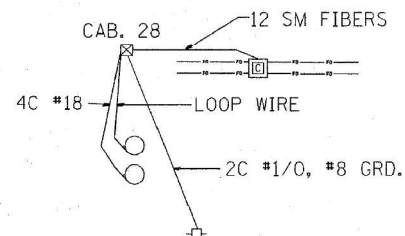
180 NORTH



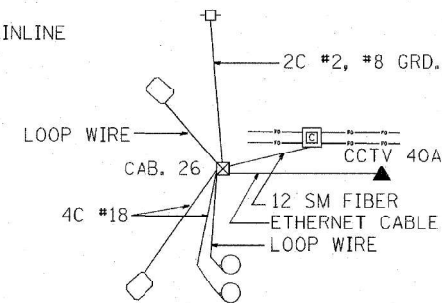
SOUTH OF IL59



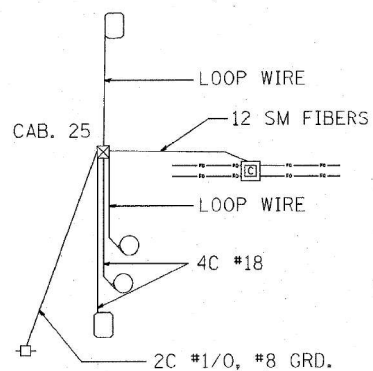
SOUTH OF IL59
1 MI. SOUTH OF US 52



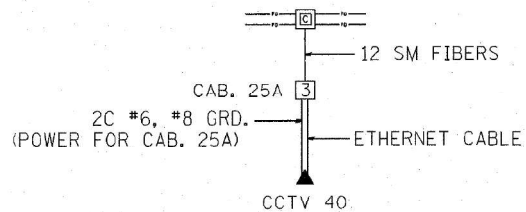
1/2 MI. SOUTH OF US 52



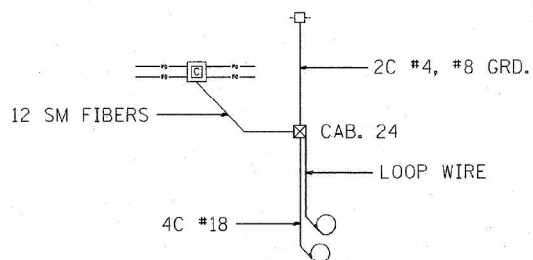
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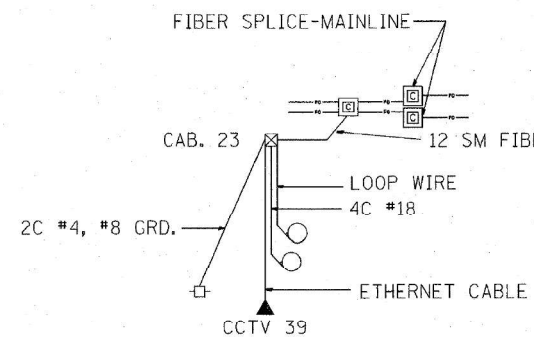
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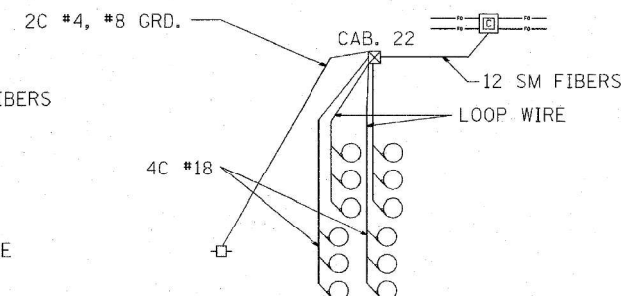
CCTV 40
1/2 MI. NORTH OF US52



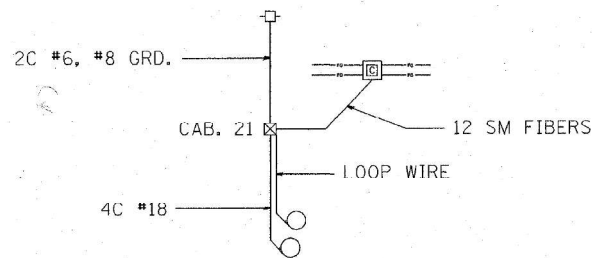
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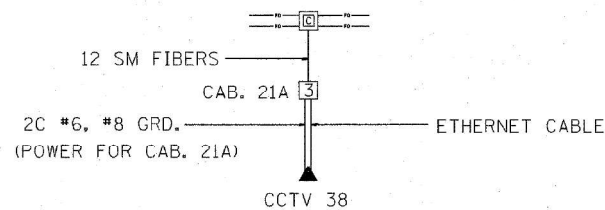
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BLACK RD.



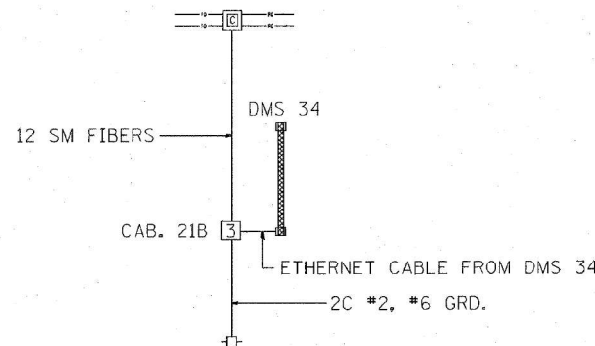
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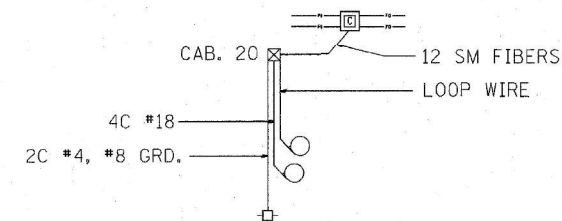
1 MI. NORTH OF BLACK RD.



CCTV 38
1 MI. SOUTH OF CATON FARM RD.



DMS 34



1/2 MI. SOUTH OF CATON FARM RD.

FOR INFORMATION ONLY

| | | | |
|---|--------------------------------|-------------------|----------------------|
| FILE NAME = C:\D106010\WIREDIAGRAMS.dgn | USER NAME = mezag | DESIGNED - JG | REVISED - 04/06/2010 |
| d106010\WIREDIAGRAMS.dgn | | DRAWN - GM | REVISED - 04/08/2010 |
| | PLOT SCALE = 4772.7273 ' / IN. | CHECKED - JG | REVISED - |
| | PLOT DATE = 4/8/2010 | DATE - 03/15/2010 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

I-55 WIRE DIAGRAMS
180-NAPERVILLE RD.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------|-----------|
| 55 | 2009-1395G | WILL | 74 | 47 |
| CONTRACT NO. 60K06 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

MODEL Default
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USER NAME = jworthington

DESIGNED - GREILLY
DRAWN - JWORTHINGTON
CHECKED - GTHIESSE
DATE - 03/16/2022

REVISED -
REVISED -
REVISED -
REVISED -

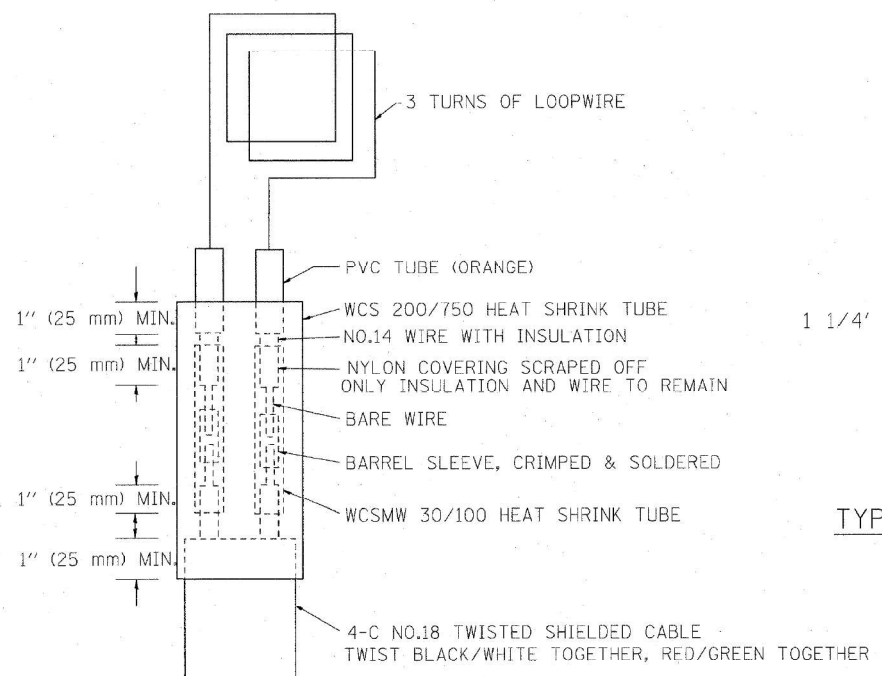
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SURVEILLANCE DETAILS

SCALE: NTS SHEET OF SHEETS STA. TO STA.

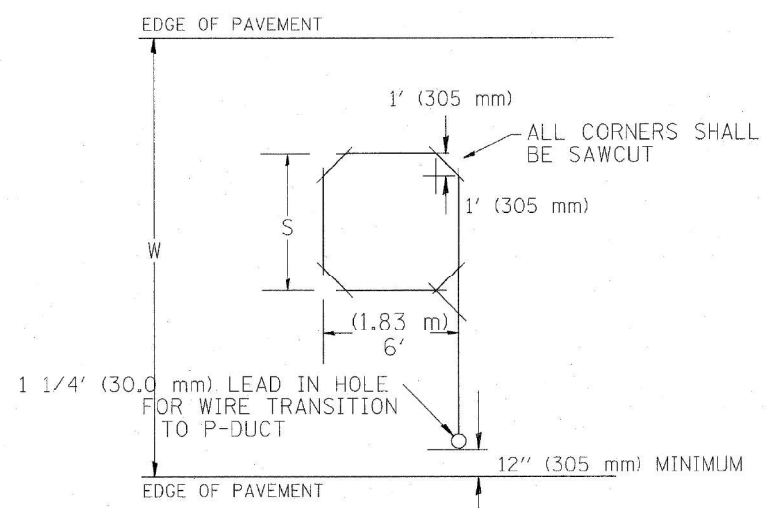
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------|-----------|
| 55 | 2018-075-R | WILL | 1510 | 986 |
| CONTRACT NO. 62H15 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

D162H15-shi-its-det-002.dgn
51336
2012/11/30

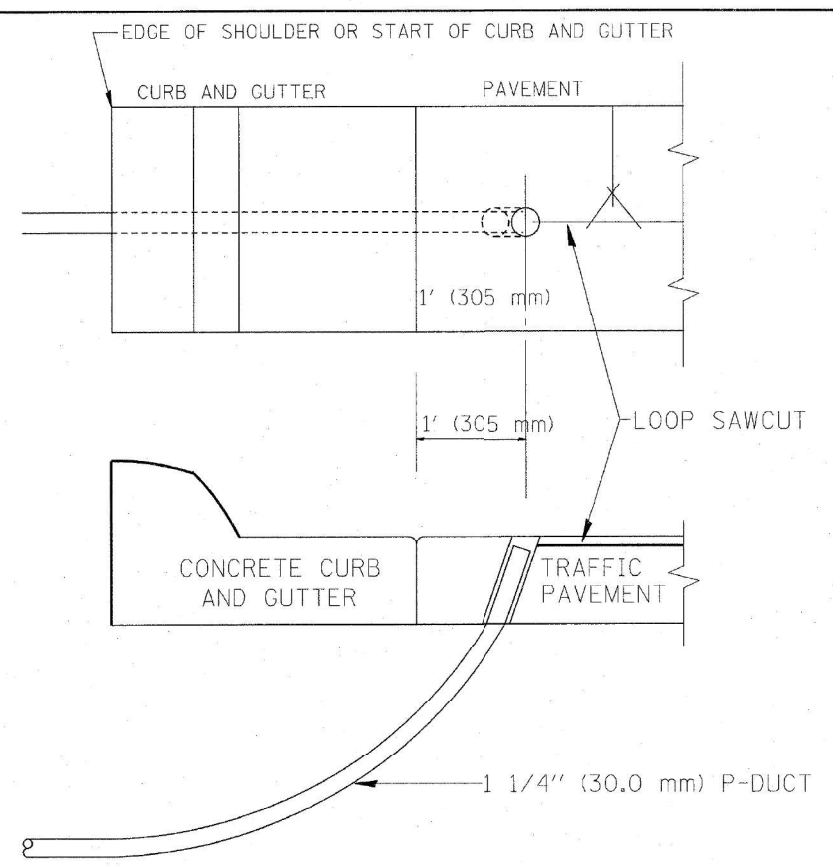


MINIMUM 1" (25 mm) HEAT SHRINK TUBING OVERLAP ON WIRE, PVC & SHIELDED CABLE TO FORM WATER TIGHT SEAL

LOOP SPLICING REQUIREMENTS



TYPICAL "S" FT. BY 6' (1.83 m) INDUCTION LOOP SAWCUT LAYOUT FOR RAMPS



CURB AND GUTTER LOOP LEAD-IN TRANSITION DETAIL

| WIDTH (W) | WIDTH (S) |
|-------------|-------------|
| 12' (3.7 m) | 8' (2.5 m) |
| 13' (4.0 m) | 9' (2.8 m) |
| 14' (4.3 m) | 10' (3.1 m) |
| 15' (4.6 m) | 11' (3.4 m) |
| 16' (4.9 m) | 12' (3.7 m) |
| 17' (5.2 m) | 13' (4.0 m) |
| 18' (5.5 m) | 14' (4.3 m) |
| 19' (5.8 m) | 15' (4.6 m) |
| 20' (6.1 m) | 18' (4.9 m) |
| 21' (6.4 m) | 17' (5.2 m) |
| 22' (6.7 m) | 18' (5.5 m) |
| 23' (7.0 m) | 19' (5.8 m) |
| 24' (7.3 m) | 20' (6.1 m) |
| 25' (7.6 m) | 21' (6.4 m) |

- NOTES**
1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 150' (45 m) OR MORE FROM CABINET.
 2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
 3. LOOPS SHALL NOT BE SPLICED IN SERIES.
 4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

FOR INFORMATION ONLY

| | | | | | | | | | | | | | |
|---|---------------------|-----------------|-----------------|--|--|-----------|-----------|-----------|---------|---------------------|---------------------------|-----------|----|
| FILE NAME = P:\P-07-1628-11\Gen\180\NAPERVITY.dgn | USER NAME = rdahhan | DESIGNED - R.L. | REvised - 6/94 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER | RECTANGULAR INDUCTION LOOP TYPICAL | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | | DRAWN - G.M. | REvised - 11/95 | | SCALE: NONE | SHEET NO. | OF SHEETS | STA. | TO STA. | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | 74 | 50 |
| | | CHECKED - R.L. | REvised - 05/96 | | CONTRACT NO. | | | | | | | | |
| | | DATE - 6-22-94 | REvised - 10/96 | | TRAFFIC SYSTEMS CENTER (TY-1TSC-418#3) | | | | | | | | |

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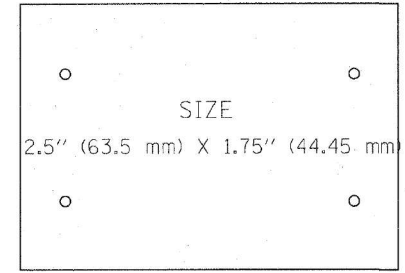
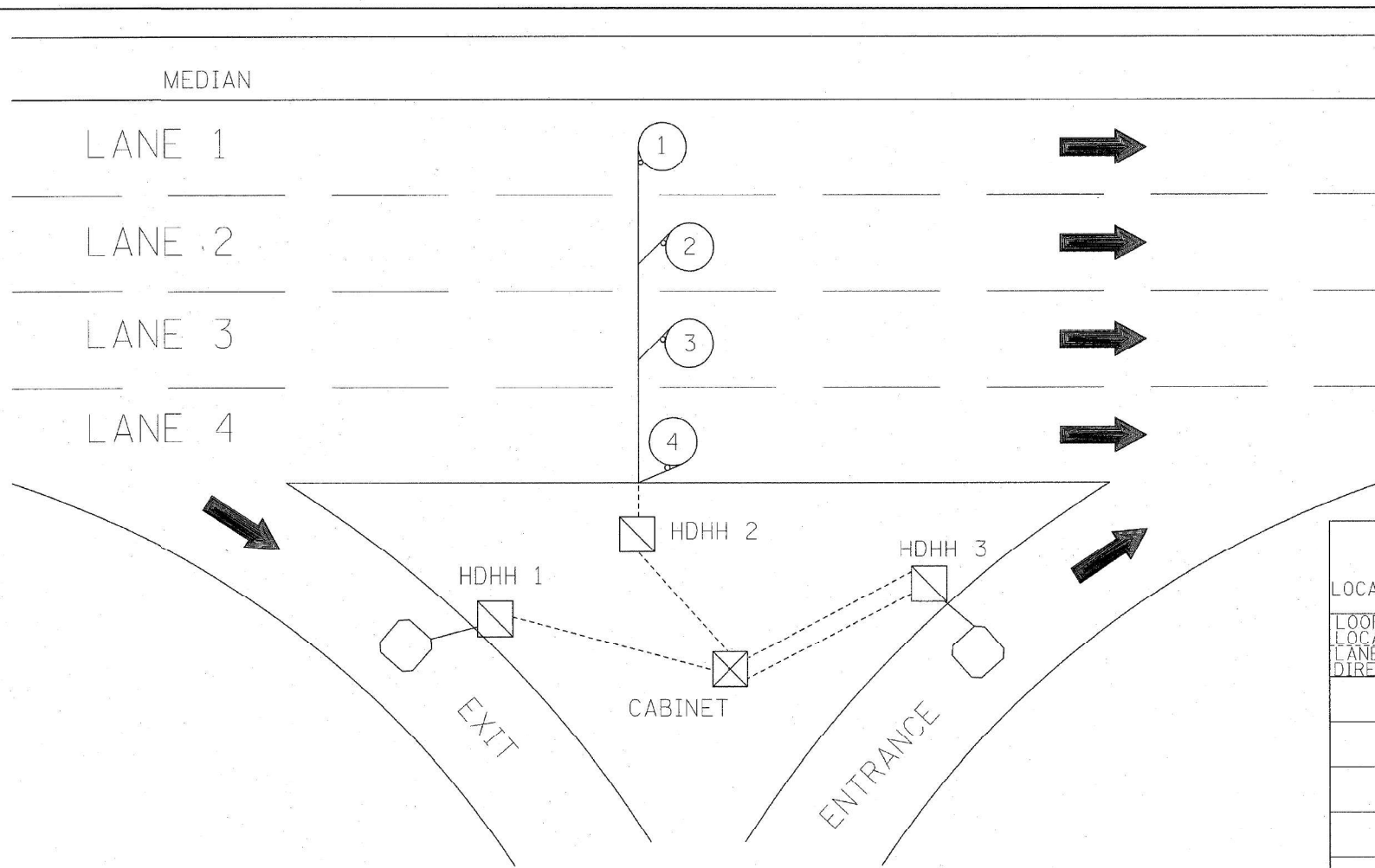


| | | |
|------------------------------|----------------------|-----------|
| USER NAME = jworthington | DESIGNED - GREILLY | REvised - |
| | DRAWN - JWORTHINGTON | REvised - |
| PLOT SCALE = 24,0000 * / ft. | CHECKED - GTHIESSE | REvised - |
| PLOT DATE = 3/18/2022 | DATE - 03/16/2022 | REvised - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SURVEILLANCE DETAILS

| | | | | | | | | | |
|--------------------|-------|-----------|------|---------|-----------------|----------|------------------|--------------|-----------|
| SCALE: NTS | SHEET | OF SHEETS | STA. | TO STA. | F.A.I.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | | | FAI 55, FAP 338 | ILLINOIS | FED. AID PROJECT | 1510 | 987 |
| CONTRACT NO. 62H15 | | | | | | | | | |



SIZE
2.5" (63.5 mm) X 1.75" (44.45 mm)

SUGGESTED TAG
PANDUIT
#MP250W175-C
OR EQUIVALENT

| LOOP ANALYZER | | | | | |
|------------------------------|----------------------------|-----------|------------------|------------|-----------------|
| LOCATION _____ | | | DATE _____ | | |
| LOOP LOCATION LANE DIRECTION | LOOP WIRE MARKED AND CODED | LOOP SIZE | FREQ. INDUCTANCE | INSULATION | LOOP RESISTANCE |
| | | | | | |
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| | | | | | |
| | | | | | |

HDHH 1 EXAMPLE
IB-EB EXIT
CCW IN/
TO CABINET # _____

HDHH 2 EXAMPLE
IB (OB) LANE # ____
CCW /OUT
TO CABINET # _____

HDHH 3 EXAMPLE
IB-EB ENT.
LOOP #2
CW IN/

NOTE:
EACH LOOP WIRE SHALL BE TAGGED AS "IN" OR "OUT" AND "CW" OR "CCW". SHIELDED CABLE WILL BE TAGGED IN EACH HANDHOLE AND CABINET TO MATCH THE CABLE LOG.

FOR INFORMATION ONLY

| | | | |
|--|-----------------------------|--------------------|-----------|
| FILE NAME = F:\P-07-1600-11\Gen\JOB\N\PERV1YP.dgn | USER NAME = vworthington | DESIGNED - J.G. | REVISED - |
| PLOT SCALE = #SCALE# | CHECKED - J.G. | DRAWN - G.M. | REVISED - |
| PLOT DATE = 3/18/2010 | DATE - 01-26-2010 | REVISOR - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

LOOP STATUS REPORT

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

| | | | | |
|--------------|---------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | 74 | 52 |
| CONTRACT NO. | | | | |

TRAFFIC SYSTEMS CENTER (TY-1TSC-418#7A)

MODEL Default
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benesch
Alfred Benesch & Company
35 W Wacker Drive, Suite 3300
Chicago, Illinois 60601
312-565-0450 Job No. 10740

| | | |
|--------------------------------|-------------------------|-----------|
| USER NAME = vworthington | DESIGNED - GREILLY | REVISED - |
| PLOT SCALE = 24,0000 */ ft. | DRAWN - JWORTHINGTON | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - GTHIESSE | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

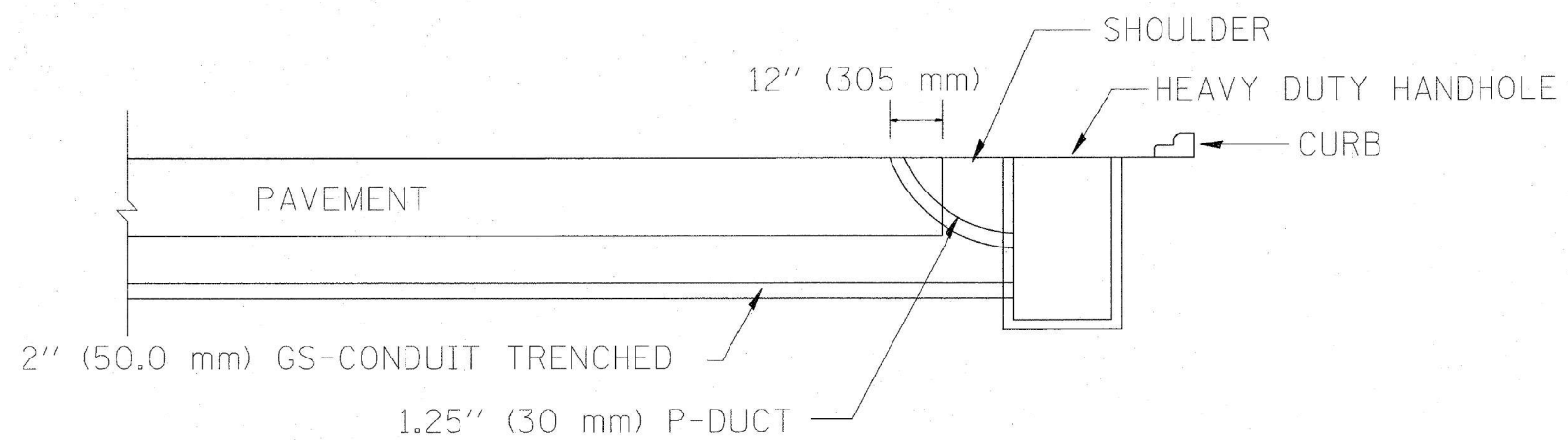
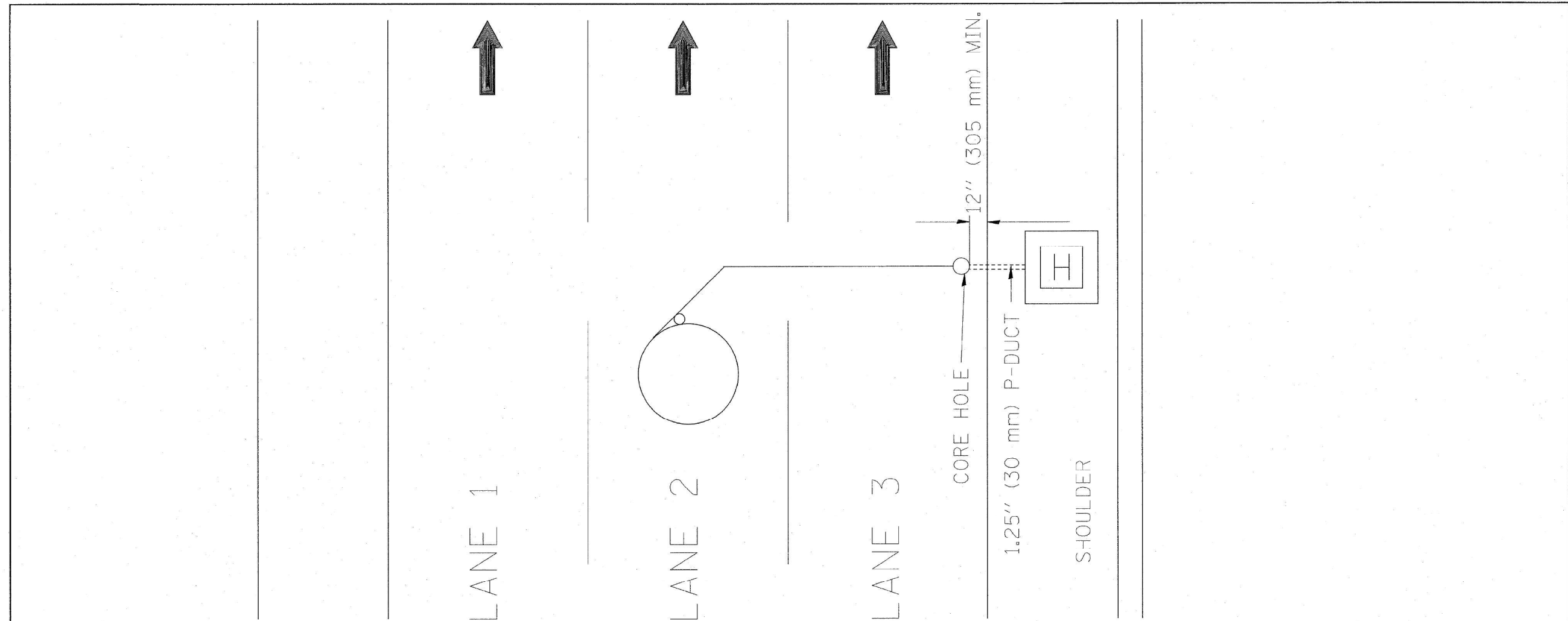
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SURVEILLANCE DETAILS

SCALE: NTS SHEET OF SHEETS STA. TO STA.

| | | | | |
|--------------|------------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 988 |
| CONTRACT NO. | | | 62H15 | |

F.A.I 55, FAP 338 ILLINOIS FED. AID PROJECT



FOR INFORMATION ONLY

| | | | |
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| | | DRAWN - G.W. | REVISED - T.C. |
| | | CHECKED - R.L. | REVISED - |
| | | DATE - 11/7/95 | REVISED - |
| | | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER**

| | | | | | | |
|-----------------------|---------------------|-----------|---------|---------------------|---------------------------|--------------|
| DIVE HOLE DUCT SYSTEM | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| SCALE: NONE | SHEET NO. OF SHEETS | STA. | TO STA. | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | CONTRACT NO. |

| | | | | |
|--------------|---------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | 74 | 53 |
| CONTRACT NO. | | | | |

TRAFFIC SYSTEMS CENTER (TY-1TSC-418#8)

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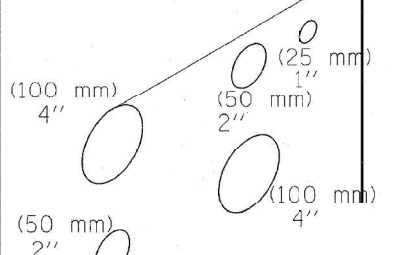
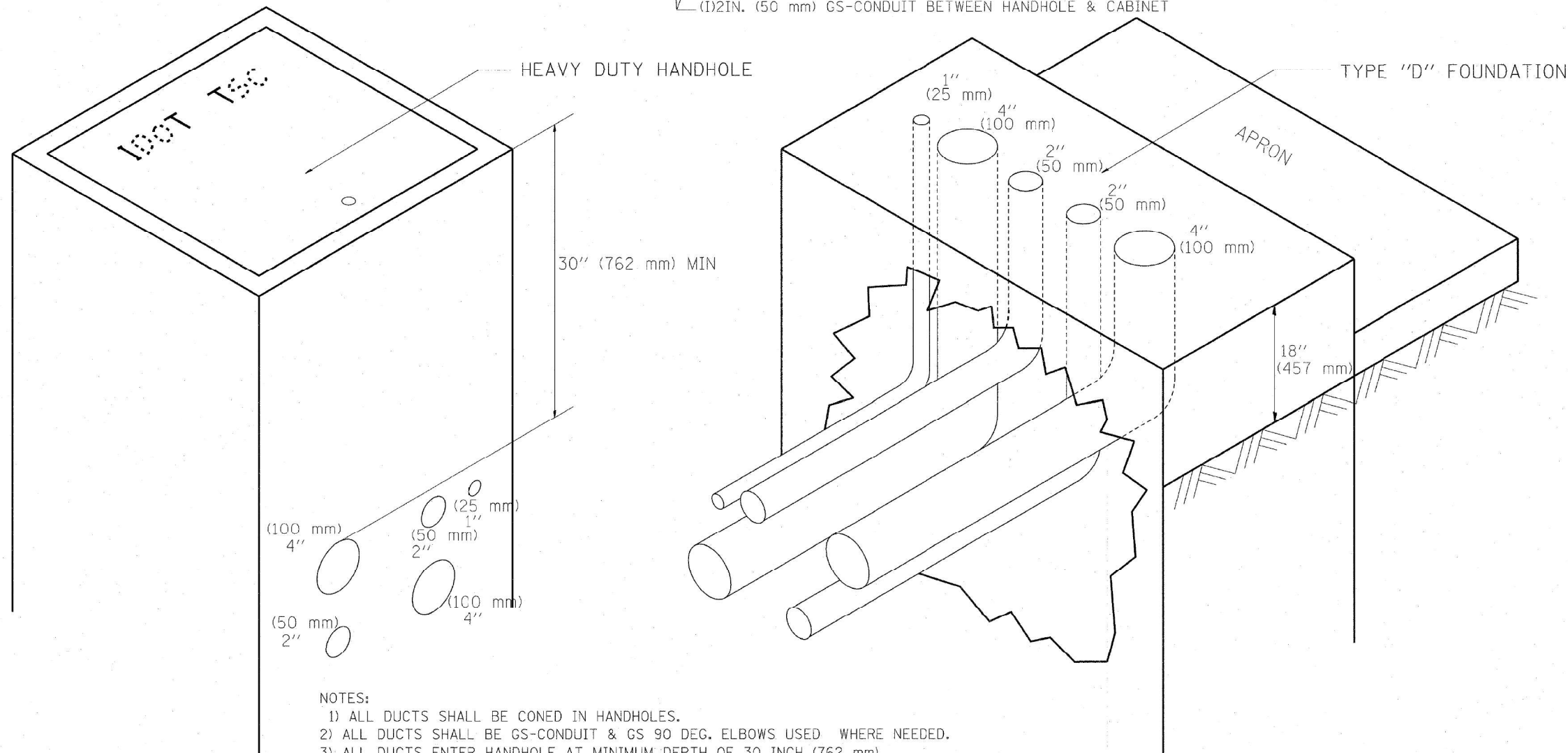
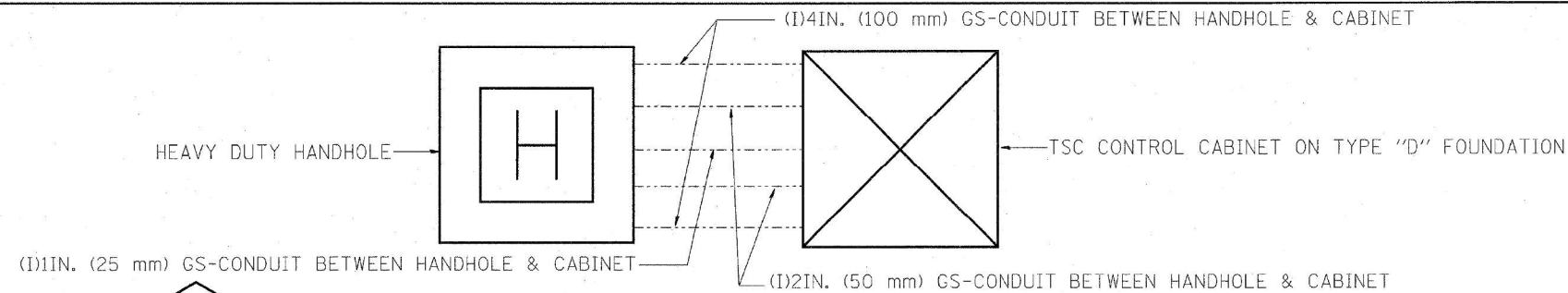


| | | |
|------------------------------|----------------------|-----------|
| USER NAME = jworthington | DESIGNED - GREILLY | REVISED - |
| | DRAWN - JWORTHINGTON | REVISED - |
| PLOT SCALE = 24,0000 * / ft. | CHECKED - GTHIESSE | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | | | | |
|------------------------------|-----------------|-------------|---------|--------|--------------|-----------|
| TRAFFIC SURVEILLANCE DETAILS | | F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| SCALE: NTS | SHEET OF SHEETS | STA. | TO STA. | WILL | 1510 | 989 |
| CONTRACT NO. 62H15 | | | | | | |

| | | |
|------------------|----------|------------------|
| F.A. 55, FAP 338 | ILLINOIS | FED. AID PROJECT |
|------------------|----------|------------------|



- NOTES:**
- 1) ALL DUCTS SHALL BE CONED IN HANDHOLES.
 - 2) ALL DUCTS SHALL BE GS-CONDUIT & GS 90 DEG. ELBOWS USED WHERE NEEDED.
 - 3) ALL DUCTS ENTER HANDHOLE AT MINIMUM DEPTH OF 30 INCH (762 mm)
 - 4) ALL HANDHOLE COVERS SHALL READ "IDOT TSC".
 - 5) ALL CABINET HANDHOLES SHALL BE HEAVY DUTY.
 - 6) DUCTS SHALL BE CENTERED IN CABINET FOUNDATION/HANDHOLE AS SHOWN.
 - 7) CONDUITS SHALL BE SPACED 305 mm (1 FOOT) CENTER TO CENTER IN HEAVY DUTY HANDHOLE.
 - 8) INSTALL 3/4" X 10' (20 mm X 3 m) COPPER CLAD STEEL GROUND ROD IN HDHH PROVIDED AS CABINET PAD. EXOTHERMIC WELD CONNECTION FROM GROUND ROD TO #6 GROUND WIRE INSULATED (GREEN).
 - 9) BOND ALL GSC CONDUITS IN CABINET FOUNDATION.
 - 10) INSTALL #6 GROUND WIRE IN 1IN. (25 mm) GSC FROM HANDHOLE TO CABINET.
 - 11) TYPE "D" FOUNDATION SHALL BE 18" FROM TOP OF FOUNDATION TO FINISHED GRADE.

| | | | | | | | | | | | |
|--|--------------------------|-------------------|-------------------|---|--|---|---------|--------|--------------|-----------|--|
| FILE NAME = C:\106018\105TSC49.DGN F:\P-07-1680-11\Gen\189NAPERVTYP.dgn | USER NAME = jworthington | DESIGNED - R.L. | REVISIONS - 05/96 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER | CABINET - HANDHOLE CONDUIT DETAIL | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| PLOT SCALE = #SCALE# | DRAWN - G.M. | REVISIONS - 03/99 | | | | | | | | | |
| PLOT DATE = 3/18/2018 | CHECKED - R.L. | REVISIONS - 04/99 | | | | | | | | | |
| | DATE - 06/05/95 | REVISIONS - | | | | | | | | | |
| SCALE: NONE | | | | | | SHEET NO. | OF | SHEETS | STA. | TO STA. | |
| | | | | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | |
| | | | | | | CONTRACT NO. | | | | | |

TRAFFIC SYSTEMS CENTER (TY-1TSC-400#11)

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| | | |
|------------------------------|----------------------|-------------|
| USER NAME = jworthington | DESIGNED - GREILLY | REVISIONS - |
| | DRAWN - JWORTHINGTON | REVISIONS - |
| PLOT SCALE = 24,0000 * / ft. | CHECKED - GTHIESSE | REVISIONS - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISIONS - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SURVEILLANCE DETAILS

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

| | | | | |
|--|------------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 990 |
| CONTRACT NO. 62H15 | | | | |
| F. A. I. 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

TYPE "T" HINGES REQUIRED ONLY ON HEAVY DUTY SPECIAL.

CONDUIT TYP.

CONDUIT TYP.

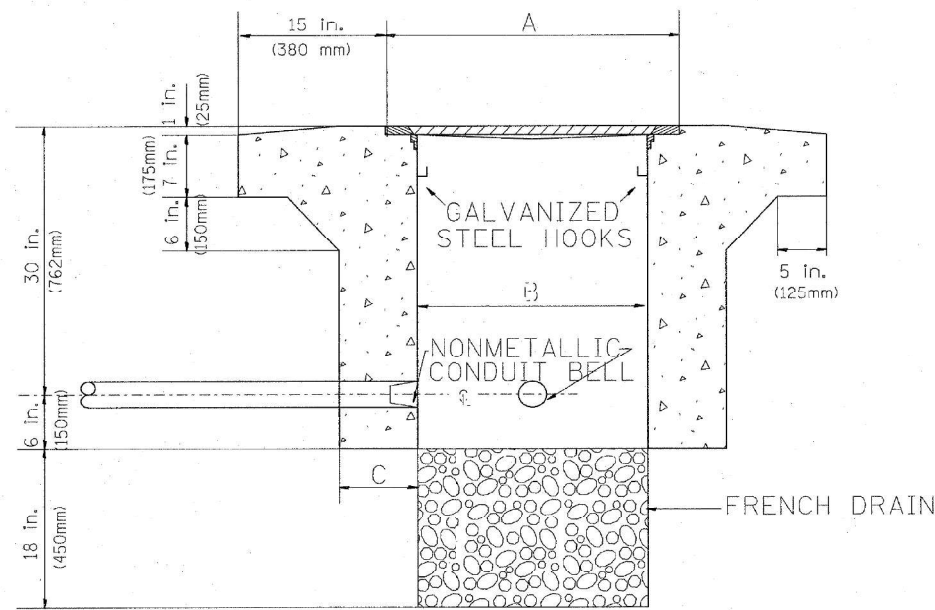
TYPE "G" HANDLE FOR BOTH HDHH AND HDHH SPECIAL

PLAN

HEAVY DUTY HANDHOLE MINIMUM DIMENSIONS (UNHINGED)

| | |
|---|--------------|
| A | 28" (711 mm) |
| B | 22" (559 mm) |
| C | 8" (200 mm) |

(FRAME AND COVER 260 LBS. (118 Kg.) MIN.)



ELEVATION

HEAVY DUTY HANDHOLE SPECIAL MINIMUM DIMENSIONS

| | |
|---|----------------|
| A | 31.5" (800 mm) |
| B | 30" (762 mm) |
| C | 10" (250 mm) |

(FRAME AND COVER 405 LBS. (184 Kg. (405))

PC CONCRETE - HEAVY DUTY HAND HOLE

| | | | |
|--|---------------------|-----------------|-----------------|
| FILE NAME = C:\d\268\1\156TSC1TYP.DGN | USER NAME = rdahhan | DESIGNED - R.L. | REVISED - 04/97 |
| P:\VP-07-1602-11\Gen\180\NAPERVTYP.dgn | | DRAWN - G.M. | REVISED - |
| | | CHECKED - R.L. | REVISED - |
| | | DATE - 09/11/96 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

PC CONCRETE - HEAVY DUTY
HAND HOLE

| | | | | | | | |
|-------------|---------------------|--------------|---------------------------|---------|--------|--------------|-----------|
| SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA. | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | | | | 74 | 55 |
| | | | CONTRACT NO. | | | | |
| | | | ILLINOIS FED. AID PROJECT | | | | |

MODEL Default
FILE NAME: p:\benesch-pw\benesch-pw\benesch-pw\1\Documents\1\0705\10740_001\Eng_Docs_Phase II\Telcom\162H15-sh-hs-det-007.dgn

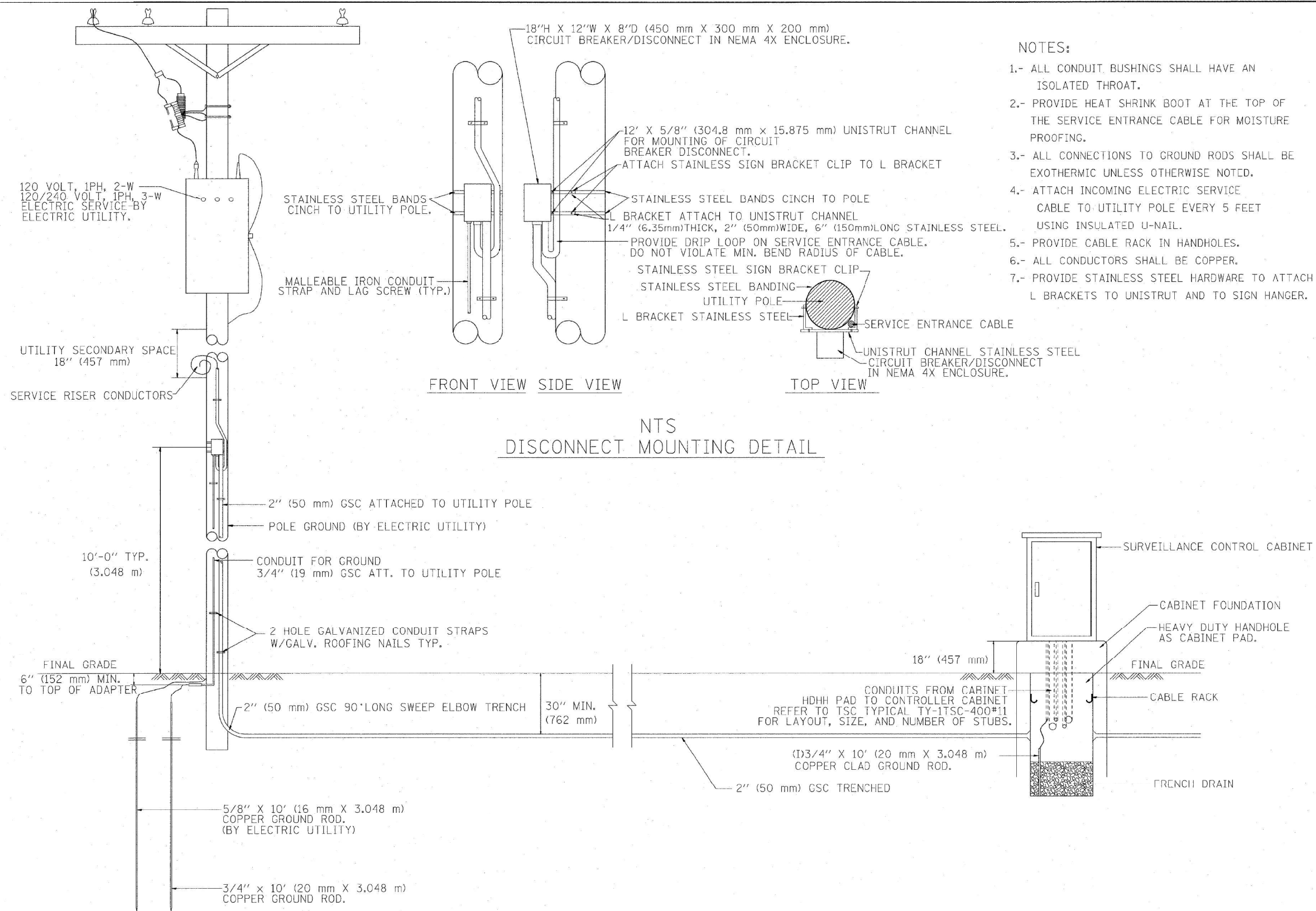


| | | |
|------------------------------|----------------------|-----------|
| USER NAME = jworthington | DESIGNED - GREILLY | REVISED - |
| | DRAWN - JWORTHINGTON | REVISED - |
| PLOT SCALE = 24,0000 * / ft. | CHECKED - GTHIESSE | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

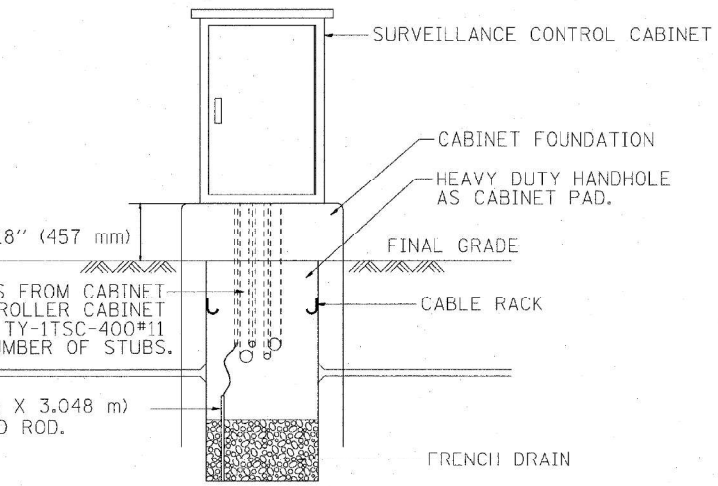
TRAFFIC SURVEILLANCE DETAILS

| | | | | | | | |
|------------|-----------------|--------------|---|------------|--------|--------------|-----------|
| SCALE: NTS | SHEET OF SHEETS | STA. TO STA. | F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | | 2018-075-R | WILL | 1510 | 991 |
| | | | CONTRACT NO. 62H15 | | | | |
| | | | FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



- NOTES:**
- 1.- ALL CONDUIT BUSHINGS SHALL HAVE AN ISOLATED THROAT.
 - 2.- PROVIDE HEAT SHRINK BOOT AT THE TOP OF THE SERVICE ENTRANCE CABLE FOR MOISTURE PROOFING.
 - 3.- ALL CONNECTIONS TO GROUND RODS SHALL BE EXOTHERMIC UNLESS OTHERWISE NOTED.
 - 4.- ATTACH INCOMING ELECTRIC SERVICE CABLE TO UTILITY POLE EVERY 5 FEET USING INSULATED U-NAIL.
 - 5.- PROVIDE CABLE RACK IN HANDHOLES.
 - 6.- ALL CONDUCTORS SHALL BE COPPER.
 - 7.- PROVIDE STAINLESS STEEL HARDWARE TO ATTACH L BRACKETS TO UNISTRUT AND TO SIGN HANGER.

**NTS
DISCONNECT MOUNTING DETAIL**



| | | | | | | | | | | | | | |
|--|---------------------|-----------------|-----------|--|---|-----------|-----------|-----------|---------|---------------------|---------------------------|-----------|----|
| FILE NAME = P:\P-27-1688-11\Gen\180\AFERYTYP.dgn | USER NAME = rdahhan | DESIGNED - R.L. | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER | POLE MOUNTED DISCONNECT MOUNTING DETAILS | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | | DRAWN - G.M. | REVISED - | | SCALE: NONE | SHEET NO. | OF SHEETS | STA. | TO STA. | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | 74 | 58 |
| | | CHECKED - R.L. | REVISED - | | CONTRACT NO. | | | | | | | | |
| | | DATE - 03/30/99 | REVISED - | | | | | | | | | | |

TRAFFIC SYSTEMS CENTER (TY-1TSC-400#20)

MODEL Default FILE NAME: P:\Benesch-pw\benesch-ppw\1\Documents\1\07005\10740_001\Eng_Docs_Phase II\Telcom\162H15-sh-tsc-det-008.dgn

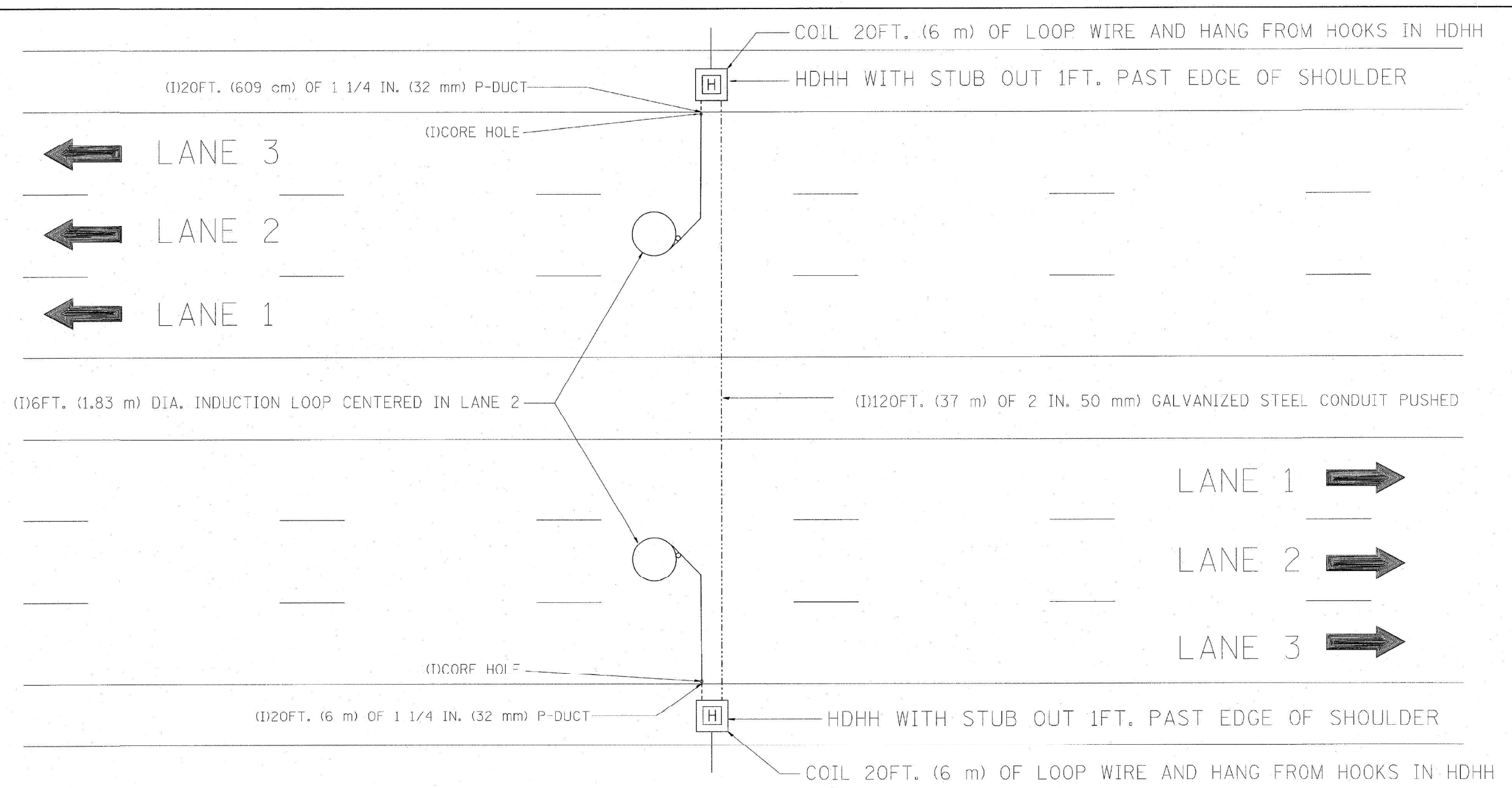


| | | |
|--------------------------|----------------------|-----------|
| USER NAME = jworthington | DESIGNED - GREILLY | REVISED - |
| | DRAWN - JWORTHINGTON | REVISED - |
| | CHECKED - GTHIESSE | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | |
|-------------------------------------|-------|-----------|--------------|
| TRAFFIC SURVEILLANCE DETAILS | | | |
| SCALE: NTS | SHEET | OF SHEETS | STA. TO STA. |

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 992 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



NOTE:
 THE COST OF LOOP WIRE IN HDHH IS INCIDENTAL TO THE INDUCTION LOOP.
 IT SHALL NOT BE MEASURE FOR PAYMENT.

INSTALL AT STATIONS.

FOR INFORMATION ONLY

| | | | | | | | | | | | |
|--|---------------------|-----------------|-------------|---|------------------------|----------------------------------|---------------------|---------------------------|--------|--------------|-----------|
| FILE NAME = P:\P-07-1620-11\Gen\182\NAPERV.TYP.dgn | USER NAME = rdalton | DESIGNED - J.C. | REVISIONS - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER | ONE LANE COUNT STATION | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | DRAWN - G.M. | REVISIONS - | | SCALE: NONE | SHEET NO. OF SHEETS STA. TO STA. | | | | 74 | 59 |
| | | CHECKED - J.C. | REVISIONS - | | | | CONTRACT NO. | | | | |
| | | DATE - 01-31-07 | REVISIONS - | | | | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |
| TRAFFIC SYSTEMS CENTER (TY-1TSC-400#31) | | | | | | | | | | | |

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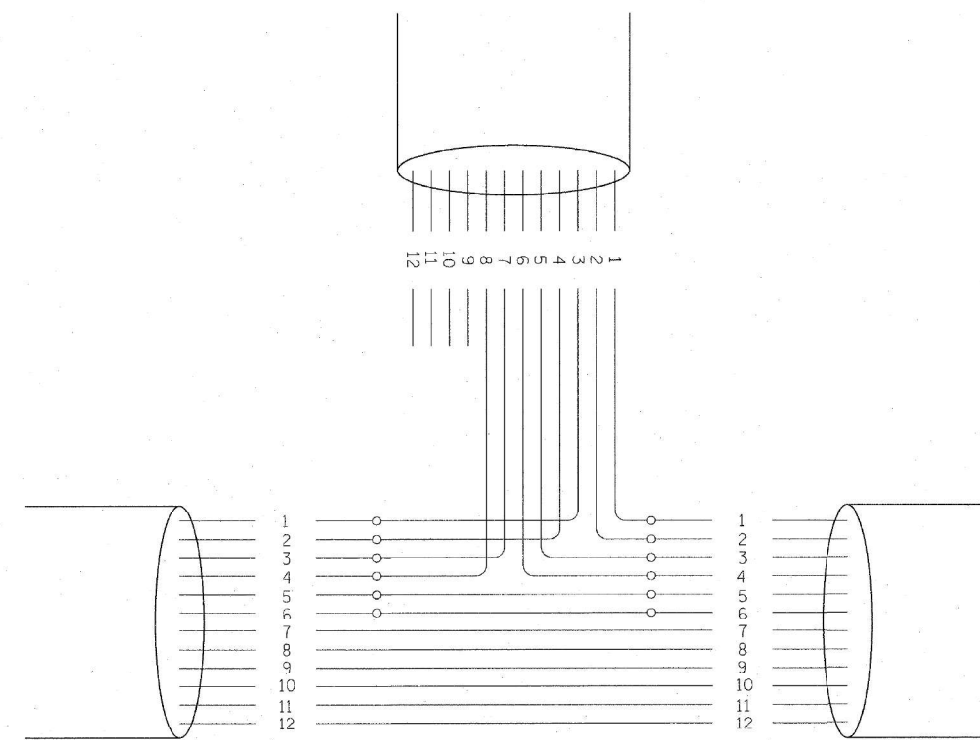
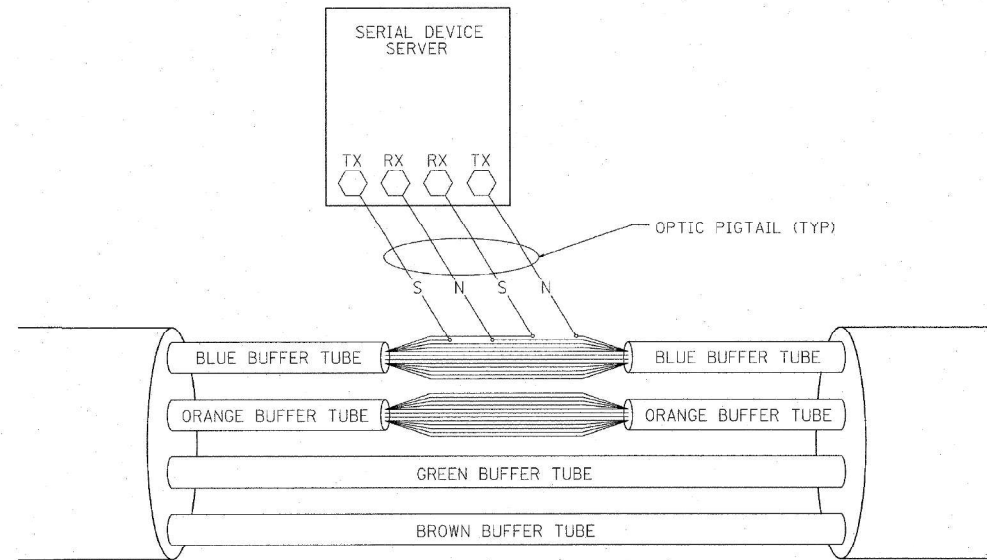


| | | |
|------------------------------|----------------------|-------------|
| USER NAME = jworthington | DESIGNED - GREILLY | REVISIONS - |
| | DRAWN - JWORTHINGTON | REVISIONS - |
| PLOT SCALE = 24,0000 * / ft. | CHECKED - GTHIESSE | REVISIONS - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISIONS - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | |
|-------------------------------------|------------------------------|
| TRAFFIC SURVEILLANCE DETAILS | |
| SCALE: NTS | SHEET OF SHEETS STA. TO STA. |

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 993 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



PHYSICAL SPLICE DETAILS (TYP)
(NOT TO SCALE)

| FIBERS | | | APPLICATION DESCRIPTION |
|-----------|------------|----------|-------------------------|
| FIBER NO. | COLOR CODE | FUNCTION | |
| 1 | BLUE | IN TX | DATA CIRCUIT |
| 2 | ORANGE | IN RX | |
| 3 | GREEN | OUT RX | |
| 4 | BROWN | OUT TX | |
| 5 | SLATE | IN TX | DMS |
| 6 | WHITE | IN RX | |
| 7 | RED | OUT RX | |
| 8 | BLACK | OUT TX | CCTV |
| 9 | YELLOW | IN TX | |
| 10 | VIOLET | IN TX | |
| 11 | ROSE | OUT RX | |
| 12 | AQUA | OUT TX | |

NOTE:
1.- THIS DIAGRAM IS PROVIDED FOR ILLUSTRATION PURPOSES ONLY AND DEPICTS A TYPICAL FIBER OPTIC SPLICE.

| | | | | | | | | | | | | |
|---|-----------------------|-----------------|----------------------|---|---------------------------------|--------------|-------------|---------|---------------------|---------------------------|-----------|----|
| FILE NAME = C:\ad06010\1551SCTYP.DGN F:\P-07-1620-11\Gen\180\NAPERVTYP.dgn | USER NAME = rdahhan | DESIGNED - J.G. | REVISED - 03/04/2010 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER | FIBER OPTIC SPLICING TYPICAL | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | PLOT SCALE = #SCALE# | DRAWN - G.M. | REVISED - | | SCALE: NONE | SHEET NO. OF | SHEETS STA. | TO STA. | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | 74 | 64 |
| | PLOT DATE = 3/10/2010 | CHECKED - J.G. | REVISED - | | | | | | CONTRACT NO. | | | |
| | | DATE - 12/29/09 | REVISED - | | | | | | | | | |

TRAFFIC SYSTEMS CENTER 4TY-1TSC-400#411

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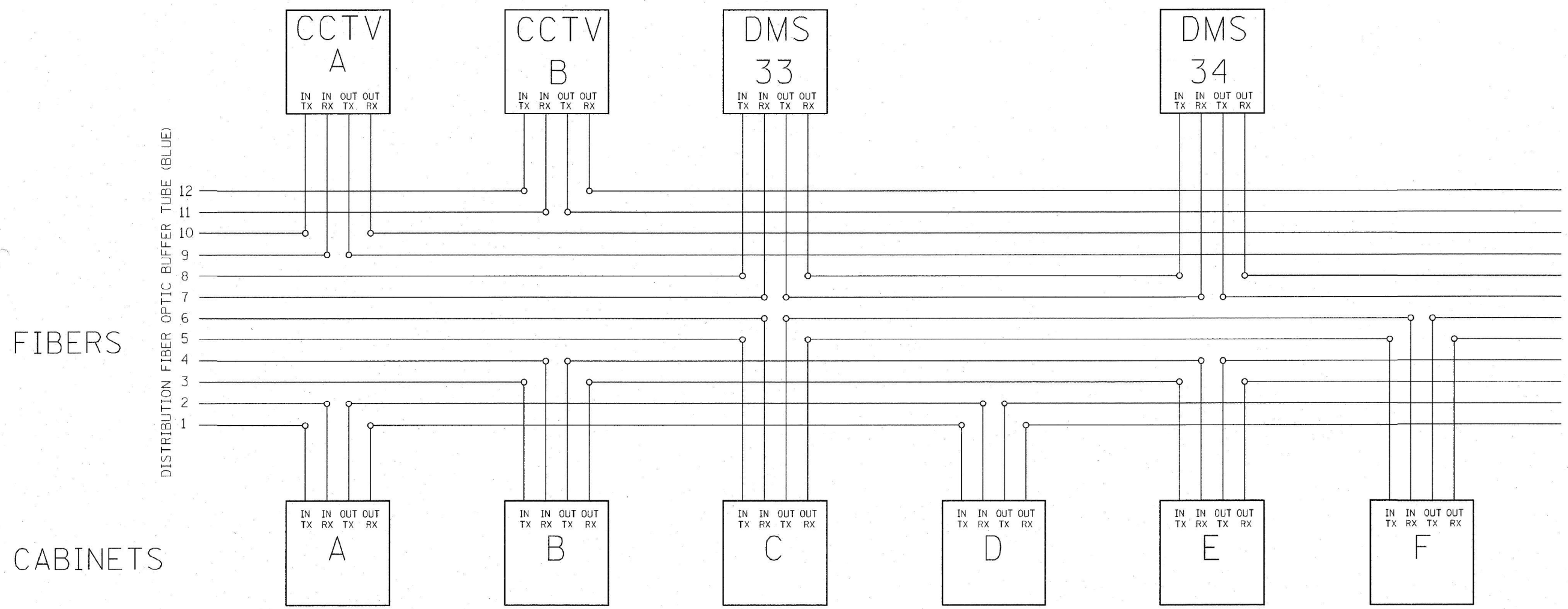
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|------------------------------|----------------------|-----------|
| USER NAME = jworthington | DESIGNED - GREILLY | REVISED - |
| | DRAWN - JWORTHINGTON | REVISED - |
| PLOT SCALE = 24,0000 * / ft. | CHECKED - GTHIESSE | REVISED - |
| PLOT DATE = 3/9/2022 | DATE - 03/16/2022 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SURVEILLANCE DETAILS

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

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A./P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 994 |
| CONTRACT NO. 62H15 | | | | |
| FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



FIBERS 1 AND 2 CABINETS 1, 4, 7, 10, 13, 16, 19, 22, 25, 28, 31, 34, 37, 40, 43, 46, 49.
 FIBERS 3 AND 4 CABINETS 2, 5, 8, 11, 14, 17, 20, 23, 26, 29, 32, 35, 38, 41, 44, 47, 50.
 FIBERS 5 AND 6 CABINETS 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48.
 FIBERS 7 AND 8 DMS 33, DMS 34.
 FIBERS 9 AND 10 CCTV 50, 49, 47B, 47, 45, 43A, 42, 40, 38, 37, 35A, 34, 32, 30A, 29.
 FIBERS 11 AND 12 CCTV 51, 49A, 48, 47A, 46, 44, 43, 40A, 39, 37A, 36, 35, 32A, 31, 30.

NOTE:

- 1.- CABINETS 8A, 8B, 8C, 32, 33, 39, 46, 47 ARE SPSSRVDS, SO THEY DO NOT GET ATTACHED TO THE FIBER.
- 2.- CCTV 49 AND 49A ARE IN THE ARSENAL RD. CONTRACT.

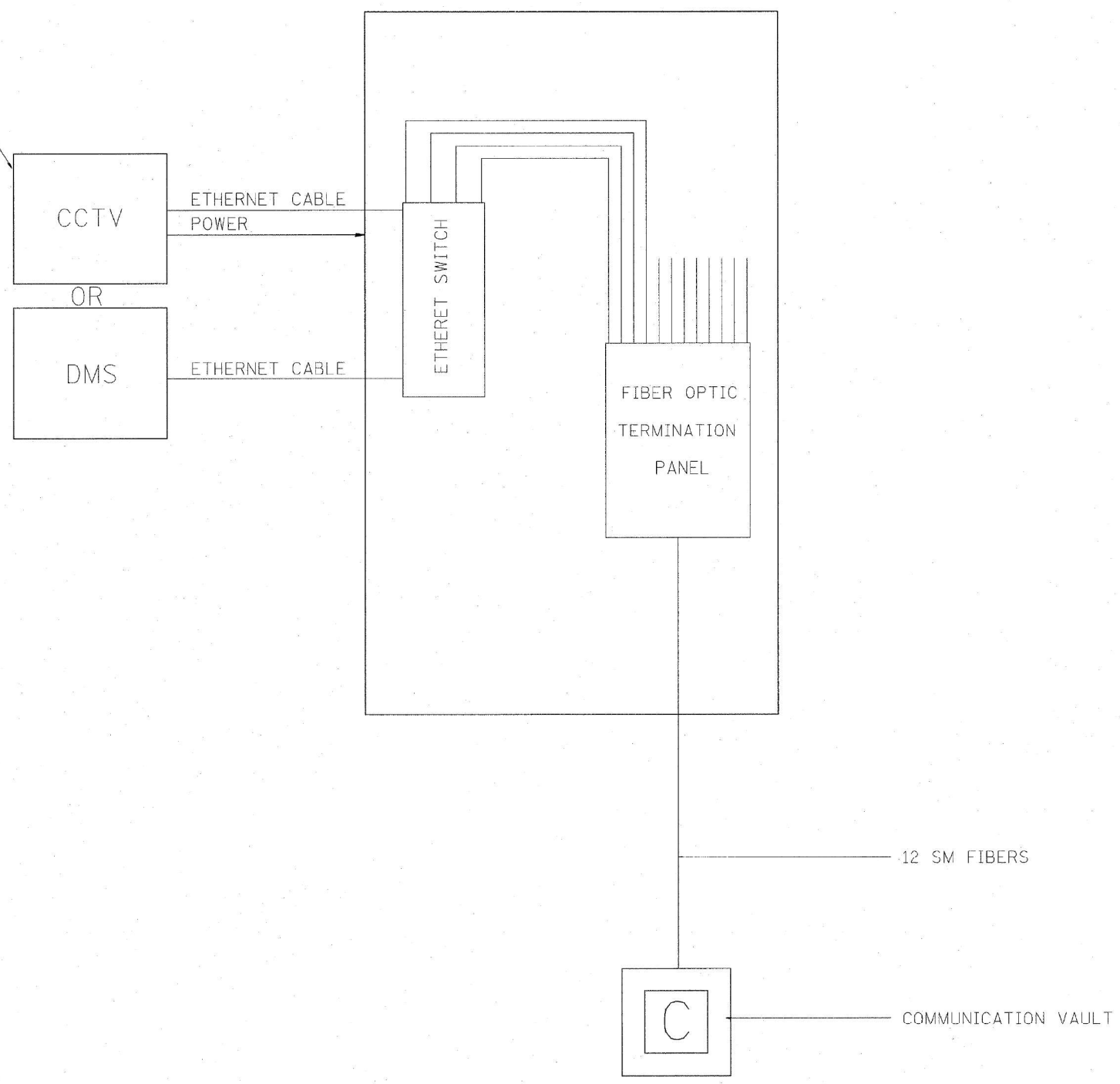
FOR INFORMATION ONLY

| | | | | | | | | | | | |
|---|-------------------|-----------------|----------------------|--|--|---|------------|--------|-----------------|--------------|--|
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| | | DRAWN - G.M. | REVISED - 03/05/2010 | | | 55 | 2009-139SG | WILL | 74 | 65 | |
| | | CHECKED - J.G. | REVISED - 04/08/2010 | | | CONTRACT 60K06 | | | | | |
| | | DATE - 12/29/09 | REVISED - | | | FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | | |

| | | | | | | | | | | | |
|--|--------------------------|----------------------|-----------|---|-------------------------------------|---|---------|--------|-----------------|--------------|--|
| <p style="font-size: 8px;">Alfred Benesch & Company 35 W Wacker Drive, Suite 3300 Chicago, Illinois 60601 312-565-0450 Job No. 10740</p> | USER NAME = jworthington | DESIGNED - GREILLY | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TRAFFIC SURVEILLANCE DETAILS | F.A.I./ RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | | DRAWN - JWORTHINGTON | REVISED - | | | 2018-075-R | WILL | 1510 | 995 | | |
| | | CHECKED - GTHIESSE | REVISED - | | | CONTRACT NO. 62H15 | | | | | |
| | | DATE - 03/16/2022 | REVISED - | | | FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | | |

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D:\62H15-hts-det-011.dgn
51336
2012/11/30

INSTALL 120V. 30AMP. CIRCUIT BREAKER IN CCTV CAB.



FOR INFORMATION ONLY

| | | | | | | | | | | | | |
|---|--------------------------|---------------------------------|-------------------------------------|--|---------------------|-----------|-----------|---------|---------|---------------------|---------------------------|--|
| FILE NAME = C:\d1060\10\155TSC.TYP.DGN P:\P-27-1620-11\Gen\108\AFERTYP.dgn | USER NAME = jworthington | DESIGNED - J.G. DRAWN - G.M. | REVISIONS REVISED - REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER | CCTV CABINET TYPE 3 | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | PLOT SCALE = #SCALE# | CHECKED - J.G. | REVISED - | | SCALE: NONE | SHEET NO. | OF SHEETS | STA. | TO STA. | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | |
| | PLOT DATE = 3/18/2010 | DATE - 01/25/2010 | REVISED - | | CONTRACT NO. | | | | | | | |
| TRAFFIC SYSTEMS CENTER (TY-1TSC-400#49) | | | | | | | | | | | | |

MODEL Default
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| | | |
|------------------------------|----------------------|------------------------|
| USER NAME = jworthington | DESIGNED - GREILLY | REVISIONS REVISED - |
| PLOT SCALE = 24,0000 * / ft. | DRAWN - JWORTHINGTON | REVISED - |
| PLOT DATE = 3/9/2022 | CHECKED - GTHIESSE | REVISED - |
| | DATE - 03/16/2022 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | | |
|-------------------------------------|-------|-----------|------|---------|
| TRAFFIC SURVEILLANCE DETAILS | | | | |
| SCALE: NTS | SHEET | OF SHEETS | STA. | TO STA. |

| | | | | |
|---|------------|--------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | 2018-075-R | WILL | 1510 | 996 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |

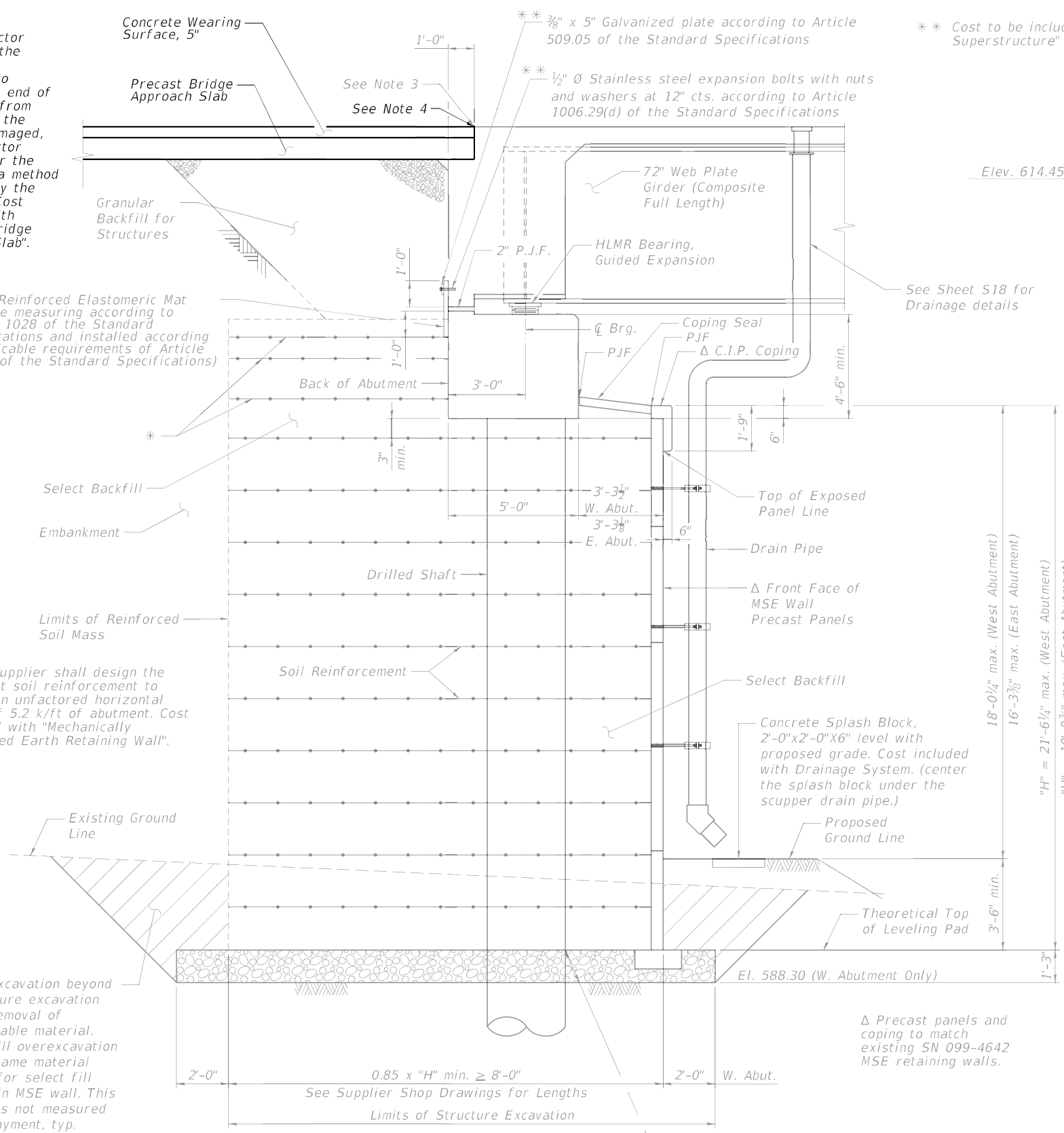
NOTE 4:

The contractor shall take the necessary measures to protect the end of deck edge from damage. If the edge is damaged, the contractor shall repair the edge with a method approved by the Engineer. Cost included with "Precast Bridge Approach Slab".

* Fabric Reinforced Elastomeric Mat (shall be measuring according to Section 1028 of the Standard specifications and installed according to applicable requirements of Article 520.09 of the Standard Specifications)

* M.S.E. supplier shall design the abutment soil reinforcement to resist an unfactored horizontal force of 5.2 k/ft of abutment. Cost included with "Mechanically Stabilized Earth Retaining Wall".

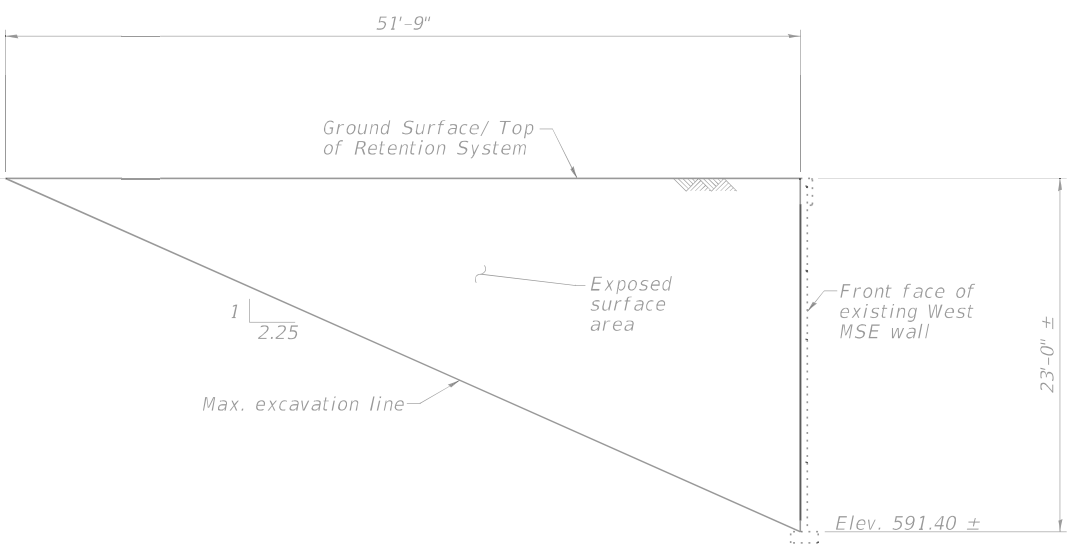
Overexcavation beyond structure excavation and removal of unsuitable material. Backfill overexcavation with same material used for select fill used in MSE wall. This area is not measured for payment, typ.



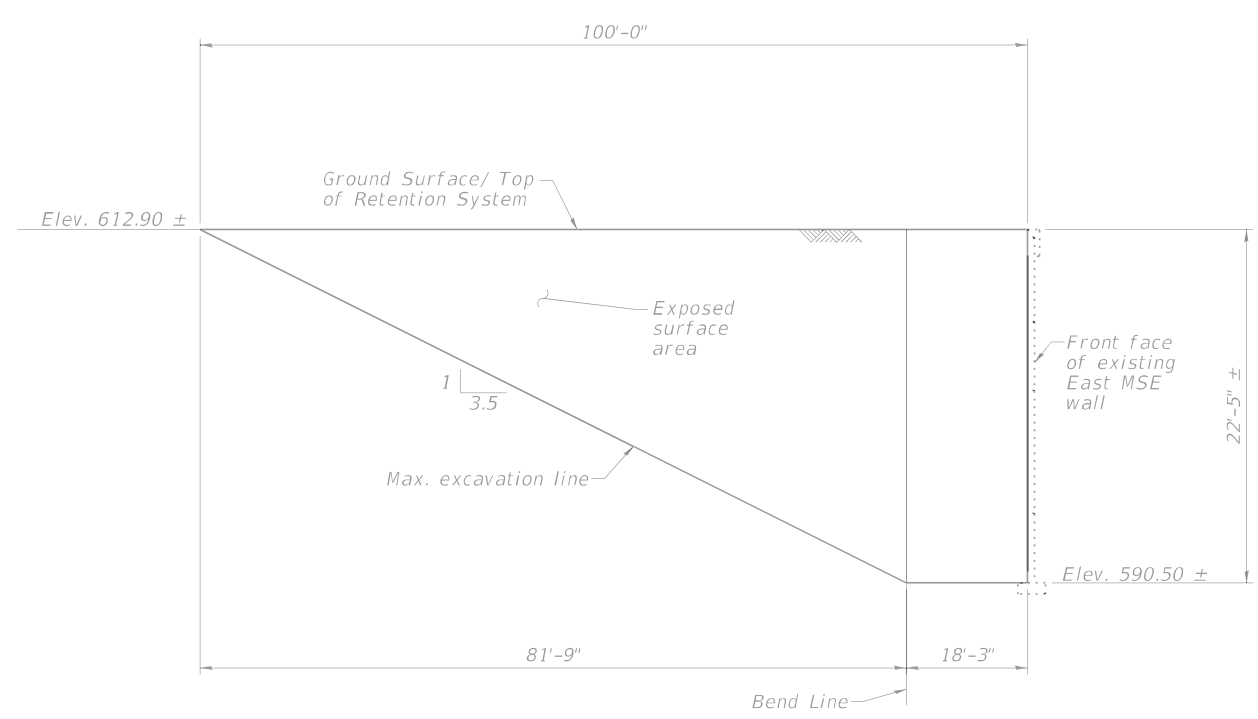
SECTION THRU ABUTMENT
All Horizontal Dimensions at Rt. Angles
(West Abutment Shown - East Abutment Similar U.N.O.)

Removal of Unsuitable Material for Structures. Backfill with Granular Backfill for Structures. Granular Backfill for Structures replacing unsuitable material shall be placed and compacted to minimum of 95% of maximum dry density, as determined by AASHTO T-180: Standard Test Methods for Moisture-Density Relation of Soil and Soil-Aggregate Mixtures (ASTM D1557) in accordance with IDOT standard construction requirements. (See Sheet S30 for estimated limits)

** Cost to be included with "Concrete Superstructure"



TEMPORARY SOIL RETENTION SYSTEM AT WEST MSE WALL



TEMPORARY SOIL RETENTION SYSTEM AT EAST MSE WALL

NOTES:

1. Temporary Soil Retention at northeast corner shall be installed at panel line of MSE wall. Prior to driving, first MSE wall strap shall be exposed to avoid interference with driving. Use of tiebacks may not be possible due presence of existing MSE wall straps.
2. A cantilever sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.
3. The contractor shall take the necessary measures to protect the end of deck edge from damage. If the edge is damaged, the contractor shall repair the edge with a method approved by the Engineer.

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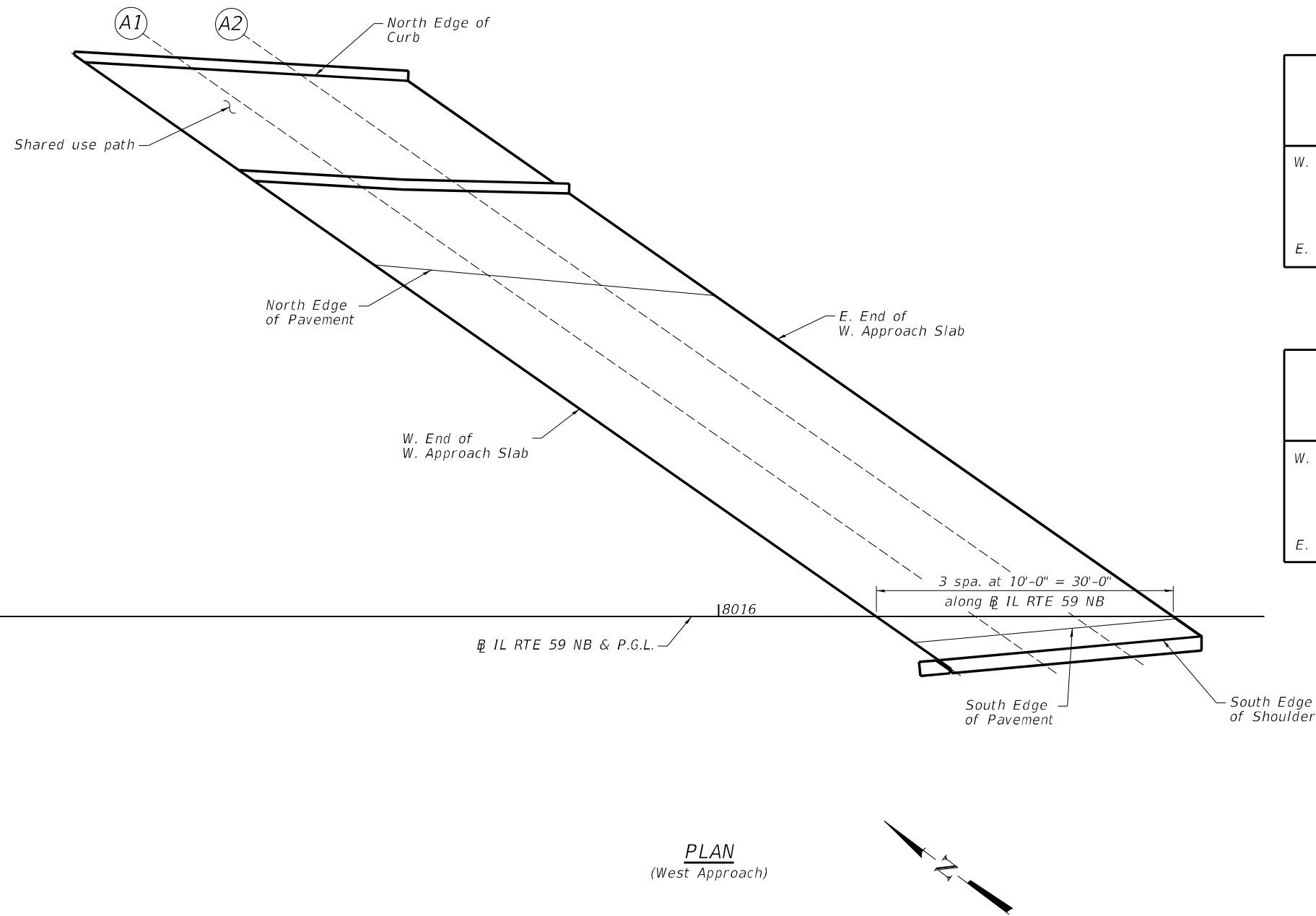
| | | | | | |
|--------------|------------|------------|-----|-----------|--|
| USER NAME = | kkenny | DESIGNED - | WKK | REVISED - | |
| CHECKED - | DTS | CHECKED - | DTS | REVISED - | |
| PLOT SCALE = | | DRAWN - | AJB | REVISED - | |
| DATE = | 02/04/2022 | CHECKED - | DTS | REVISED - | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING GENERAL DETAILS
STRUCTURE NO. 099-4666**

SHEET SA-03 OF SA-26 SHEETS

| F.A./P.RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|------------|--------|--------------|-----------|
| * | 2018-075-R | WILL | 1510 | 999 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 ILLINOIS FED. AID PROJECT | | | | |



PLAN
(West Approach)

NORTH EDGE OF CURB

| Location | Station | Offset | Theoretical Grade Elevations |
|-------------------------|------------|--------|------------------------------|
| W. END OF W. APPR. SLAB | 8015+35.91 | -56.03 | 623.03 |
| A1 | 8015+46.81 | -55.40 | 623.18 |
| A2 | 8015+57.71 | -54.77 | 623.34 |
| E. END OF W. APPR. SLAB | 8015+68.61 | -54.14 | 623.50 |

NORTH EDGE OF PAVEMENT

| Location | Station | Offset | Theoretical Grade Elevations |
|-------------------------|------------|--------|------------------------------|
| W. END OF W. APPR. SLAB | 8015+65.24 | -35.55 | 623.07 |
| A1 | 8015+76.63 | -34.51 | 623.23 |
| A2 | 8015+88.12 | -33.48 | 623.38 |
| E. END OF W. APPR. SLAB | 8015+99.60 | -32.43 | 623.54 |

IL RTE 59 NB, PROFILE GRADE

| Location | Station | Offset | Theoretical Grade Elevations |
|-------------------------|------------|--------|------------------------------|
| W. END OF W. APPR. SLAB | 8016+15.92 | 0.00 | 623.14 |
| A1 | 8016+25.92 | 0.00 | 623.30 |
| A2 | 8016+35.92 | 0.00 | 623.45 |
| E. END OF W. APPR. SLAB | 8016+45.92 | 0.00 | 623.60 |

SOUTH EDGE OF PAVEMENT

| Location | Station | Offset | Theoretical Grade Elevations |
|-------------------------|------------|--------|------------------------------|
| W. END OF W. APPR. SLAB | 8016+19.67 | 2.62 | 623.15 |
| A1 | 8016+28.53 | 1.83 | 623.30 |
| A2 | 8016+37.39 | 1.03 | 623.45 |
| E. END OF W. APPR. SLAB | 8016+46.25 | 0.23 | 623.60 |

SOUTH EDGE OF SHOULDER

| Location | Station | Offset | Theoretical Grade Elevations |
|-------------------------|------------|--------|------------------------------|
| W. END OF W. APPR. SLAB | 8016+22.21 | 4.41 | 623.15 |
| A1 | 8016+31.07 | 3.60 | 623.30 |
| A2 | 8016+39.92 | 2.80 | 623.45 |
| E. END OF W. APPR. SLAB | 8016+48.78 | 2.00 | 623.61 |

NOTES:

1. Station and offsets are measured from IL RTE 59 NB & P.G.L.
2. All theoretical grade elevations are measured to the top of the concrete wearing surface.

MODEL: D:\p\aut\benesch\pub\benesch\com\benesch\p\01\Documents\107209\10748\08\Eng\Docs\Phase II\Structures\SN_099-4666 (IL_59_NB)\Final\Sheets\012H15-sh1-4666-SA04-approachlev.dgn
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| | | | | | |
|--------------|------------|------------|-----|-----------|--|
| USER NAME = | kkenny | DESIGNED - | EAO | REVISED - | |
| CHECKED - | DTS | REVISOR - | | REVISOR - | |
| PLOT SCALE = | | DRAWN - | AJB | REVISED - | |
| DATE = | 02/04/2022 | CHECKED - | DTS | REVISED - | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOP OF WEST APPROACH SLAB ELEVATIONS
STRUCTURE NO. 099-4666

SHEET SA-04 OF SA-26 SHEETS

| F.A./P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|------------|----------|--------------|------------------|
| * | 2018-075-R | WILL | 1510 | 1000 |
| CONTRACT NO. 62H15 | | | | |
| * FAI 55, FAP 338 | | ILLINOIS | | FED. AID PROJECT |