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HIGHWAY STANDARDS ON SHEET 2

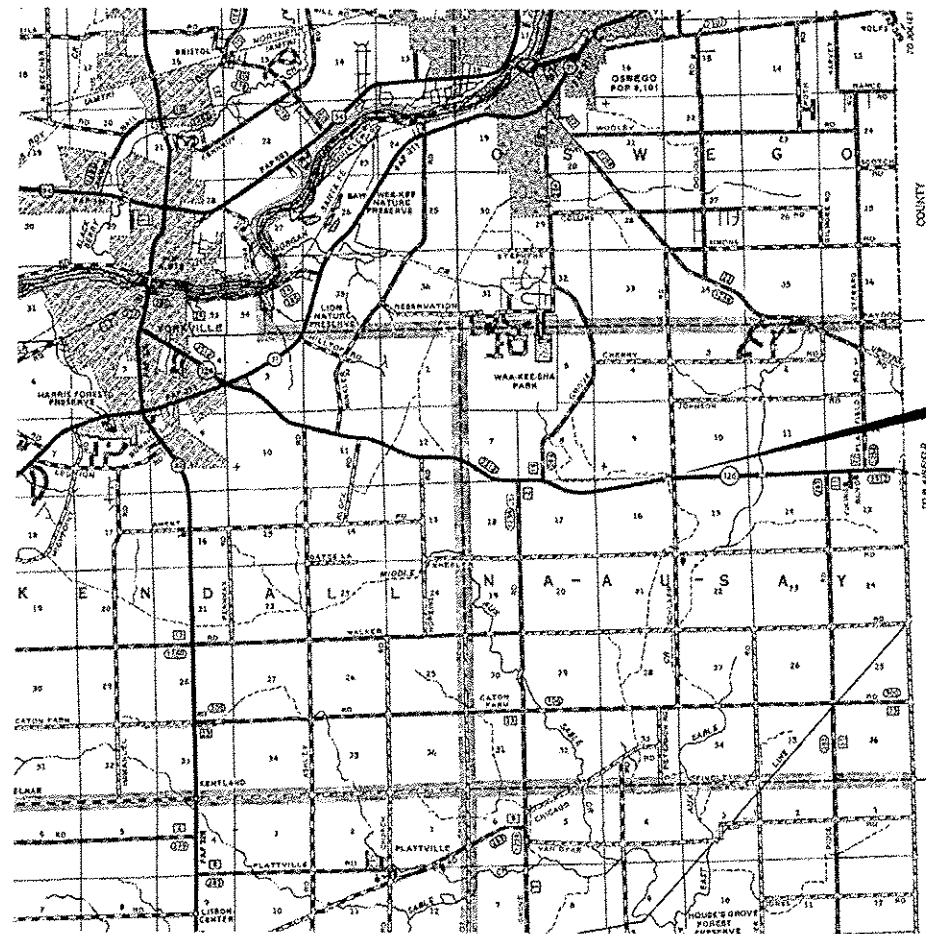
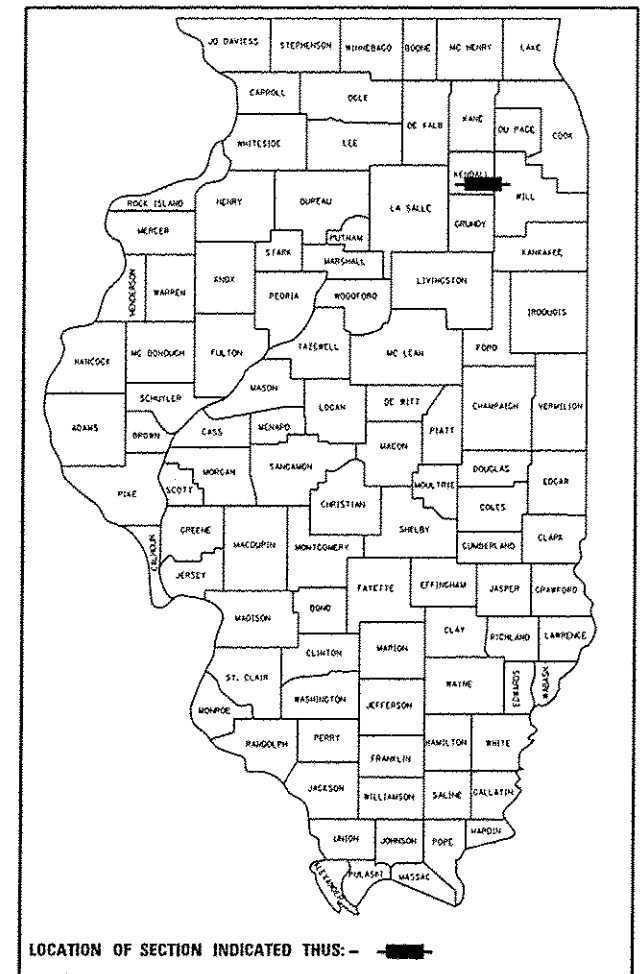
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

FAU ROUTE 379 (IL 126)
SECTION (118)N
PROJECT : ACHSIP-0379(005)
INTERSECTION SAFETY IMPROVEMENT
KENDALL COUNTY

C-93-150-12

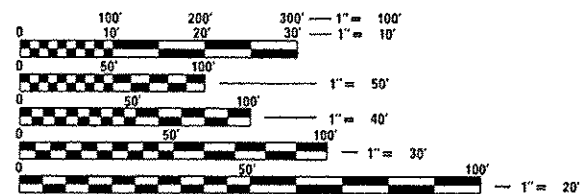
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|---------|----------|--------------------|-----------|
| 379 | (118)N | KENDALL | 31 | 1 |
| | | ILLINOIS | CONTRACT NO. 66C33 | |

D-93-072-12



PROJECT LOCATION
IL 126 AT SCHLAPP ROAD

FUNCTIONAL CLASSIFICATION: RURAL MINOR ARTERIAL
(IL 126) 2013 ADT 6150
PV = 91.4% SU = 2.1% MU = 6.5%
(SCHLAPP RD) 2010 ADT 1300, 1600
PV = 98.5% SU = 1.5% MU = 0%



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

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

PROJECT ENGINEER: JOE KANNEL, P.E.
UNIT CHIEF: SCOTT A. FERGUSON
DISTRICT NO. (815)-434-6131
CONTRACT NO. 66C33

GROSS LENGTH = 1,007.15 FT. = 0.191 MILE
NET LENGTH = 1,007.15 FT. = 0.191 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *December 29, 2014*
Paul Loete, P.E.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 30, 2015
John J. Baranzelli, PE
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 30, 2015
Omer Osman, PE
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 442201-03 CLASS C AND D PATCHES
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 482011-03 HMA SHOULDER STRIPS/SHOULDERS WITH RS OR WIDENING & RS PROJECTS
- 542401-03 METAL END SECTION FOR PIPE CULVERTS
- 606301-04 PC CONCRETE ISLANDS AND MEDIANS
- 642001-02 SHOULDER RUMBLE STRIPS, 16 INCH
- 666001-01 RIGHT-OF-WAY MARKERS
- 701001-02 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-05 OFF-ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
- 701011-04 OFF-ROAD MOVING OPERATIONS 2L, 2W, DAY ONLY
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
- 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
- 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
- 701901-04 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-04 SIGN PANEL ERECTION DETAILS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782001 PRISMATIC CURB REFLECTORS
- 814001-03 HANDHOLES
- 862001-01 UNINTERRUPTABLE POWER SUPPLY (UPS)
- 880001-01 SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF SEEDING

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

| | | |
|------------------------------|--------|---------------------------|
| GRANULAR MATERIALS | 2.05 | TONS / CU YD |
| HMA RESURFACING | 112 | LBS / SQ YD / IN |
| SHORT TERM PAVEMENT MARKING | 10 | FT /100 FT OF APPLICATION |
| MIX FOR CRACKS, JTS & FLOWYS | 0.0003 | TONS / SQ YD |
| LEVEL BINDER (HAND METHOD) | 0.0005 | TONS / SQ YD |

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE PRESENCE OF DEPARTMENT-OWNED UNDERGROUND ELECTRICAL CABLE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENT. THE CONTRACTOR SHALL REQUEST THE ILLINOIS DEPARTMENT OF TRANSPORTATION IN OTTAWA (815-434-8417) TO LOCATE THE UNDERGROUND FACILITIES, PROVIDING A MINIMUM OF 72 HOURS NOTICE. THE DEPARTMENT IS NOT A MEMBER OF THE JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS (JULIE) SYSTEM.

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPLICING OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

THE WORK REQUIRED TO CONNECT ANY SEWER TO AN EXISTING DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:
AT&T
COMED

NON-MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: NONE

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

ALL CONDUIT IN TRENCH SHALL BE P.V.C. ALL CONDUIT PUSHED MAY BE GALVANIZED STEEL OR P.V.C.. CONDUIT ATTACHED TO STRUCTURES SHALL BE GALVANIZED STEEL.

A 1/4" DIAMETER CONTINUOUS NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER AS INCIDENTAL TO THE RESPECTIVE CONDUIT PAY ITEM

THE CONTRACTOR SHALL ARRANGE FOR A FACTORY OR SUPPLIER REPRESENTATIVE TO BE PRESENT AT THE INTERSECTION WHEN THE SIGNAL IS TURNED ON, INCIDENTAL TO THE CONTROLLER PAY ITEM

THE DEPARTMENT OF TRANSPORTATION (815-434-8505) SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE TURNING ON OF THE CONTROLLER UNIT.

NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FEET MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.

THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEADS SHALL BE SOLID, SOFT COPPER.

THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES, AS NECESSARY, INCIDENTAL TO THE CONDUIT PAY ITEM

ALL THREADS OF BOLTS USED IN TRAFFIC COMPONENT ASSEMBLIES SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND, SIMILAR TO LEAD PLATE, PRIOR TO ASSEMBLY.

BACK PLATES MUST BE POLYCARBONATE WITH A DEEP BACK FLANGE.

ALL GROUNDING MATERIALS FOR TRAFFIC SIGNAL CONCRETE FOUNDATIONS SHALL REFER TO SECTION 807 IN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2014

SIGNAL AND PEDESTRIAN HEADS SHALL HAVE BLACK HOUSING AND BLACK POLYCARBONATE BRACKETS.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK WILL BE INCLUDED IN THE COST OF THE HMA SURFACE.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: Tom Beaulieu
DISTRICT STUDIES & PLANS ENGINEER

DATE: December 29, 2014

EXAMINED BY: Heath Gray
DISTRICT CONSTRUCTION ENGINEER

Wayne Phyllips
DISTRICT MATERIALS ENGINEER

Bruce A. Huchings
DISTRICT OPERATIONS ENGINEER

| | | | | | | | | | | | |
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| FILE NAME = | USER NAME = fergusonsa | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | GENERAL NOTES | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| o:\pr_work\pudot\ Fergusonsa\0304548\ | 066C33-shr-cover.dgn | DRAWN - | REVISED - | | | 379 | (118)N | KENDALL | 31 | 2 | |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - | REVISED - | | | SCALE: | | SHEET OF SHEETS | | STA. TO STA. | |
| | PLOT DATE = 12/24/2014 | DATE - | REVISED - | | | ILLINOIS FED. AID PROJECT CONTRACT NO. 66C33 | | | | | |

| CODE NO. | ITEM | UNIT | CONSTR. CODE |
|----------|----------------------------------------------|-------|--------------|
| | | | FED / STATE |
| | | | 90% / 10% |
| | | | ROADWAY |
| | | | 0005 |
| | | | URBAN |
| 20200100 | EARTH EXCAVATION | CU YD | 1950 |
| 20400800 | FURNISHED EXCAVATION | CU YD | 34 |
| 21001000 | GEOTECHNICAL FABRIC FOR GROUND STABILIZATION | SQ YD | 188 |
| 25000210 | SEEDING CLASS 2A | ACRE | 2 |
| 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 153 |
| 25000500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 153 |
| 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 153 |
| 25100115 | MULCH METHOD 2 | ACRE | 2 |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 550 |
| 28000305 | TEMPORARY DITCH CHECKS | FOOT | 60 |
| 28000315 | AGGREGATE DITCH CHECKS | TON | 460 |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | 1025 |
| 28000500 | INLET AND PIPE PROTECTION | EACH | 6 |
| 28100107 | STONE RIPRAP, CLASS A4 | SQ YD | 122 |

| | | | | | | | | | | | | | |
|----------------------------------------|----------------------|------------|-----------|-----------------------------------------------------------|------------------------------|--------|---------|--------|-------------|---------|--------|---------------------------|-----------|
| FILE NAME = | USER NAME = ferguson | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUMMARY OF QUANTITIES | | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| et:\pvc\work\pav\dot\ferguson\0204548\ | 66C33-shr-plan.dgn | DRAWN - | REVISED - | | 379 | (118W) | KENDALL | 31 | 3 | | | | |
| PLOT SCALE = 100.0000 / 1 in. | CHECKED - | REVISED - | | | CONTRACT NO. 66C33 | | | | | | | | |
| PLOT DATE = 12/26/2014 | DATE - | REVISED - | | | SCALE: | SHEET | OF | SHEETS | STA. | TO | STA. | ILLINOIS FED. AID PROJECT | |

| CODE NO. | ITEM | UNIT | CONSTR. CODE |
|----------|------------------------------------------------|-------|--------------------------------------------------------------------|
| | | | FED / STATE 90% / 10% ROADWAY <i>0005</i> <i>URBAN</i> |
| 28200200 | FILTER FABRIC | SQ YD | 505 |
| 31100910 | SUBBASE GRANULAR MATERIAL, TYPE A 12" | SQ YD | 895 |
| 31102000 | SUBBASE GRANULAR MATERIAL, TYPE C | CU YD | 25 |
| 35501324 | HOT-MIX ASPHALT BASE COURSE, 10" | SQ YD | 597 |
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT) | POUND | 3085 |
| 40600537 | LEVELING BINDER (HAND METHOD), IL-9.5FG, N70 | TON | 2 |
| 40600637 | LEVELING BINDER (MACHINE METHOD), IL-9.5FG N70 | TON | 287 |
| 40600990 | TEMPORARY RAMP | SQ YD | 87 |
| 40603082 | HOT-MIX ASPHALT BINDER COURSE, IL-19.0 FG, N50 | TON | 107 |
| 40603315 | HOT-MIX ASPHALT SURFACE, MIX "C", N70 | TON | 388 |
| 44000159 | HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" | SQ YD | 1868 |
| 44004000 | PAVED DITCH REMOVAL | FOOT | 280 |
| 44004250 | PAVED SHOULDER REMOVAL | SQ YD | 295 |
| 44201789 | CLASS D PATCHES, TYPE II, 12 INCH | SQ YD | 28.6 |

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|-------------------------------------------------------|----------------------|------------|---------------------------|-----------------------------------------------------------|------------------------------|----|--------|------|---------|----------------|---------|---------|-----------------|--------------|
| FILE NAME # | USER NAME = ferguson | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUMMARY OF QUANTITIES | | | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| o:\p\work\pvidat\ferguson\10204548\066C33-ht-plan.dgn | DRAWN - | REVISED - | SCALE: | | SHEET | OF | SHEETS | STA. | TO STA. | 379 | 1118N | KENDALL | 31 | 4 |
| PLOT SCALE = 1/8" = 1' / in. | CHECKED - | REVISED - | CONTRACT NO. 66C33 | | | | | | | | | | | |
| PLOT DATE = 12/29/2014 | DATE - | REVISED - | ILLINOIS FED. AID PROJECT | | | | | | | | | | | |

| CODE NO. | ITEM | UNIT | CONSTR. CODE |
|----------|---------------------------------------------------|-------|------------------------------------------------------|
| | | | FED / STATE 90% / 10% ROADWAY 0005 URBAN |
| 48101200 | AGGREGATE SHOULDERS, TYPE B | TON | 4 |
| 48203029 | HOT-MIX ASPHALT SHOULDERS, 8" | SO YD | 1676 |
| 50800105 | REINFORCEMENT BARS | POUND | 23230 |
| 51500100 | NAME PLATES | EACH | 1 |
| 54002020 | EXPANSION BOLTS 3/4 INCH | EACH | 84 |
| 54003000 | CONCRETE BOX CULVERTS | CU YD | 137.6 |
| 54200220 | PIPE CULVERTS, CLASS D, TYPE I 15" | FOOT | 215 |
| 54213450 | END SECTIONS 15" | EACH | 6 |
| 54260311 | TRAVERSABLE PIPE GRATE | FOOT | 636 |
| 60500040 | REMOVING MANHOLES | EACH | 1 |
| 60608600 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06 | FOOT | 44 |
| 60610400 | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 | FOOT | 64 |
| 60618300 | CONCRETE MEDIAN SURFACE, 4 INCH | SO FT | 200 |
| 63200310 | GUARDRAIL REMOVAL | FOOT | 564 |

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|---------------------------|----------------------|------------|-----------|-----------------------------------------------------------|-------------------------------------|--------|---------|----|--------------------|---------|--------|-----------------|--------------|
| FILE NAME | USER NAME # ferguson | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUMMARY OF QUANTITIES | | | | F.A.J. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 66633-ant-plan.dgn | 66633-ant-plan.dgn | DRAWN - | REVISED - | | 379 | (118)N | KENDALL | 31 | 5 | | | | |
| PLGT SCALE * 1/8" = 1'-0" | CHECKED - | REVISED - | REVISED - | | SCALE: SHEET OF SHEETS STA. TO STA. | | | | CONTRACT NO. 66633 | | | | |
| PLGT DATE * 12/26/2014 | DATE - | REVISED - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | | |

| CODE NO. | ITEM | UNIT | CONSTR. CODE |
|------------|-------------------------------------------------|--------|------------------------------------------------------|
| | | | FED / STATE 90% / 10% ROADWAY 0005 URBAN |
| 63500105 | DELINEATORS | EACH | 2 |
| 64200116 | SHOULDER RUMBLE STRIPS, 16 INCH | FOOT | 1838 |
| 66600105 | FURNISHING AND ERECTING RIGHT OF WAY MARKERS | EACH | 14 |
| 67100100 | MOBILIZATION | LSUM | 1 |
| 70100450 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 | LSUM | 1 |
| 70100460 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701306 | LSUM | 1 |
| 70100500 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701326 | LSUM | 1 |
| 70103815 | TRAFFIC CONTROL SURVEILLANCE | CAL DA | 20 |
| 70300100 | SHORT TERM PAVEMENT MARKING | FOOT | 408 |
| 70301000 | WORK ZONE PAVEMENT MARKING REMOVAL | 50 FT | 136 |
| * 72000100 | SIGN PANEL, TYPE 1 | 50 FT | 29 |
| * 72400100 | REMOVE SIGN PANEL ASSEMBLY - TYPE A | EACH | 2 |
| * 73000100 | WOOD SIGN SUPPORT | FOOT | 60 |
| * 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 2620 |

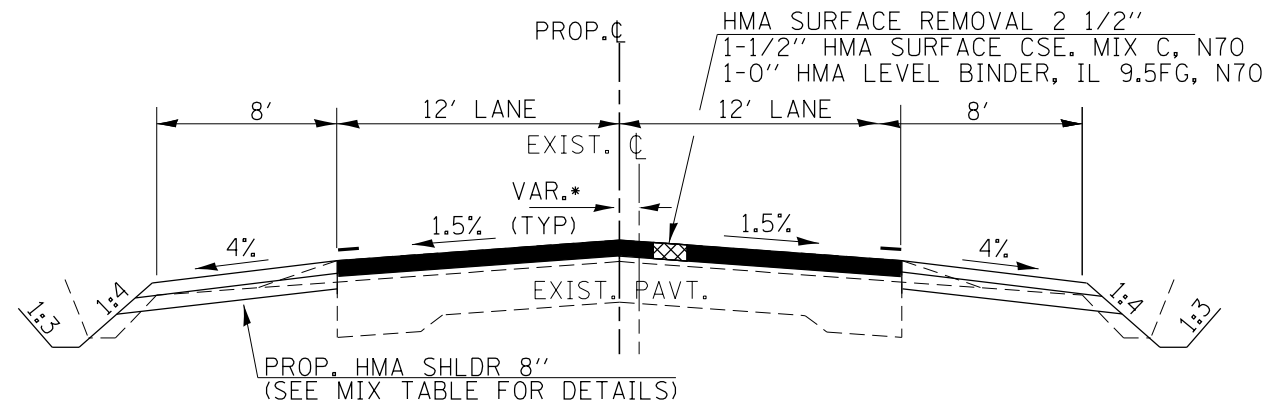
| CODE NO. | ITEM | UNIT | CONSTR. CODE |
|------------|--------------------------------------------------------------------|------|------------------------------------------------------|
| | | | FED / STATE 90% / 10% ROADWAY 0005 URBAN |
| * 78000400 | THERMOPLASTIC PAVEMENT MARKING - LINE 6" | FOOT | 250 |
| * 78000500 | THERMOPLASTIC PAVEMENT MARKING - LINE 8" | FOOT | 200 |
| * 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 60 |
| * 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 62 |
| * 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 12 |
| * 78200300 | PRISMATIC CURB REFLECTOR | EACH | 18 |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 12 |
| * 81028350 | UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 832 |
| * 81100500 | CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL | FOOT | 24 |
| * 81400700 | HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 3 |
| * 85000500 | MAINTENANCE OF EXISTING FLASHING BEACON INSTALLATION | EACH | 1 |
| * 87301215 | ELECTRIC CABLE IN CONDUIT, SIGNAL 14 2C | FOOT | 3485 |
| * 87301900 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 3485 |
| * 87900200 | DRILL EXISTING HANDHOLE | EACH | 1 |

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| FILE NAME : | USER NAME : Fergusone | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUMMARY OF QUANTITIES | | | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| es:\pwork\p\idat\Ferguson\00304548\066C33-ht-plendgn | PLOT SCALE : 100.0000 / in | DRAWN - | REVISED - | | | | | | 379 | (118)N | KENDALL | 31 | 7 |
| | PLOT DATE : 12/26/2014 | CHECKED - | REVISED - | | SCALE: | SHEET | OF | SHEETS | STA. | TO STA. | CONTRACT NO. 66033 | | |
| | | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | | |

*Specialty Items

| CODE NO. | ITEM | UNIT | CONSTR. CODE |
|------------|------------------------------------------------------------------|-------|--------------------------------------------------------------------|
| | | | FED / STATE 90% / 10% ROADWAY <i>0005</i> <i>URBAN</i> |
| * 88040030 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED | EACH | 2 |
| * 89502200 | MODIFY EXISTING CONTROLLER | EACH | 1 |
| * 89502400 | REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE | EACH | 1 |
| * 89502300 | REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 3328 |
| * 89502380 | REMOVE EXISTING HANDHOLE | EACH | 2 |
| X4401198 | HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH | SQ YD | 2116 |
| * X8100105 | CONDUIT SPLICE | EACH | 3 |
| * X8620200 | UNINTERRUPTABLE POWER SUPPLY, SPECIAL | EACH | 1 |
| Z0030850 | TEMPORARY INFORMATION SIGNING | SQ FT | 42 |
| * Z0033039 | DISCONNECT AND RECONNECT ELECTRIC SERVICE | EACH | 1 |
| Z0041500 | PLUG EXISTING CULVERTS | EACH | 2 |
| * Z0054406 | ROCK FILL - FOUNDATION | CU YD | 63 |

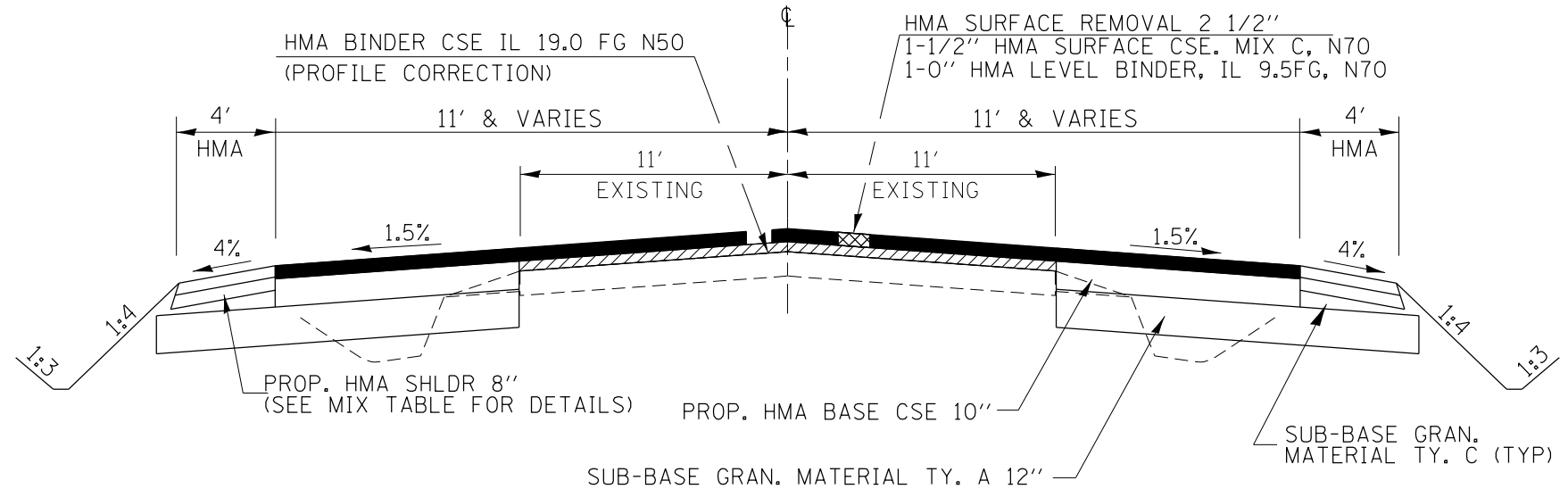
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|----------------------------------------------------------|----------------------|------------|-----------|-----------------------------------------------------------|-------------------------------------|--|--|--|--------------------|---------|---------|-----------------|--------------|
| FILE NAME * | USER NAME = ferguson | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SUMMARY OF QUANTITIES | | | | F.A.D. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| cr:\p\work\p\1001\ferguson\1001\4548\066033-shr\plan.dgn | 66033-shr\plan.dgn | DRAWN - | REVISED - | | | | | | 379 | (118)N | KENDALL | 31 | 8 |
| PLOT SCALE = 1/8" = 1'-0" | CHECKED - | REVISED - | | | SCALE: SHEET OF SHEETS STA. TO STA. | | | | CONTRACT NO. 66033 | | | | |
| PLOT DATE = 12/26/2014 | DATE - | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | | | | | |



* PROPOSED CENTERLINE VARIES FROM EXISTING. SEE PLANS.

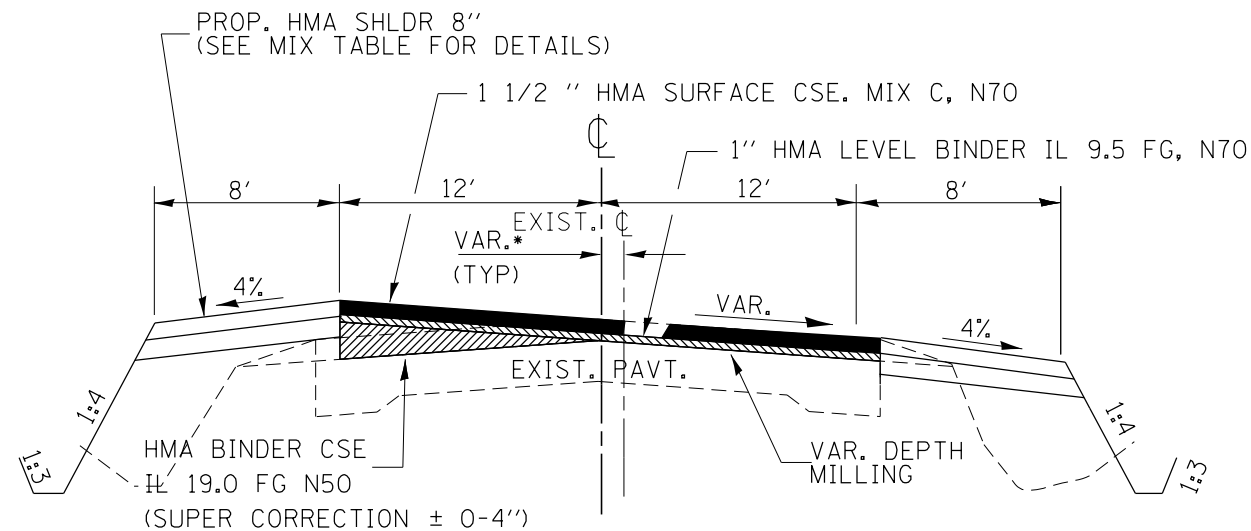
PROPOSED IL 126

STA. 398+00 TO STA. 400+05.98



PROPOSED SCHLAPP RD.

STA. 118+73.10 TO STA. 121+26.10



PROPOSED IL 126

S.E. TRANSITION STA. 400+05.98 TO 401+21.48
 FULL SUPER STA. 401+21.48 TO STA. 406+84.02
 S.E. TRANSITION STA. 406+84.02 TO STA. 408+00

* PROPOSED CENTERLINE VARIES FROM EXISTING. SEE PLANS.

| HMA MIXTURE REQUIREMENT TABLE | | | | | | |
|---------------------------------|---------------------|------------------|----------------|-----------------|---------------------------|-----------------------|
| | HMA BINDER | HMA LEVEL BINDER | HMA SURFACE | HMA BASE COURSE | BOTTOM LIFT HMA SHOULDERS | TOP LIFT HMA SHOULDER |
| PG GRADE: | PG 64-22 | PG 64-22 | PG 64-22 | PG 64-22 | PG 64-22 | PG 64-22 |
| DESIGN AIR VOIDS: | 4.0% @ N50 | 4.0% @ N70 | 4.0% @ N70 | 4.0% @ N50 | 4.0% @ N50 | 4.0% @ N50 |
| MIXTURE COMPOSITION: GRADATION) | (MIXTURE IL 19.0 FG | IL 9.5 FG | IL 9.5 FG | IL 19.0 FG | IL 19.0 FG | IL 9.5 FG |
| FRICTION AGGREGATE: | | | Mix C | | | Mix C |
| DENSITY TEST METHOD: | Cores | Growth Curve | Cores | Cores | Cores | Cores |
| MIXTURE WEIGHT: | 112.0 LB/SY/IN | 112.0 LB/SY/IN | 112.0 LB/SY/IN | 112.0 LB/SY/IN | 112.0 LB/SY/IN | 112.0 LB/SY/IN |
| QUALITY MANAGEMENT PROGRAM: | QC/OA | QC/OA | QC/OA | QC/OA | QC/OA | QC/OA |
| SUBLOT SIZE: | N/A | N/A | N/A | N/A | N/A | N/A |
| LOCATION(S): | IL 126 | IL 126 | IL 126 | IL 126 | IL 126 | IL 126 |

| MAINLINE SCHEDULE | | | | | | | | | | | | | | | | | |
|------------------------|-------------|--------------|-------------------------|------------------------------------|--------------------------------|----------------------------|----------------------------------------|----------------------------|---------------------------------------------|---------------------------------------------|-----------------------------------------|-------------------------------|------------------------------|-----------------------|---------------------------|---------------------------|--------------|
| STA. TO STA. | WIDTH FT | LENGTH FT | HMA BASE CSE. 10" | SUBBASE GRAN. MAT. TY. A. 12 | SUBBASE GRAN. MAT. TY. C | HMA SURFACE CSE. N70 | HMA BINDER CSE. IL 19 FG, N50 | BIT. MAT. PRIME COAT | LEVELING BINDER IL 9.5 FG N70 (MM) | LEVELING BINDER IL 9.5 FG N70 (HM) | HMA SURFACE REMOVAL VAR. DEPTH | HMA SURFACE REM. 2 1/2" | PAVED SHOULDER REMOVAL | HMA SHOULDER 8" | AGG SHOULDER TYPE B | RUMBLE STRIPS 16 IN | TEMP RAMP |
| | | | SO YD | SO YD | CU YD | TON | TON | POUND | TON | TON | SO YD | SO YD | SO YD | SO YD | TON | FT | SO YD |
| IL 126 | | | | | | | | | | | | | | | | | |
| 398+00 TO 400+49.63 | 24 | 250 | | | | 60 | | 449 | 37 | 0.3 | | 578 | 55 | 413 | 1.4 | 499 | 24 |
| 400+49.63 TO 403+11.25 | 24-40 | 262 | | | | 127 | 107 | 1020 | 85 | 0.8 | 766 | | 58 | 194 | | 347 | |
| 403+11.25 TO 408+00.00 | 24 | 496 | | | | 111 | | 893 | 105 | 0.7 | 1350 | | 110 | 836 | 1.9 | 992 | 22 |
| SIDEROAD | | | | | | | | | | | | | | | | | |
| SCHLAPP RD. NORTH | 22 | 106 | 311 | 467 | 12.5 | 44 | | 355 | 29 | 0.3 | | 665 | 47 | 115 | 0.4 | | 20 |
| SCHLAPP RD. SOUTH | 22 | 107 | 286 | 428 | 12.5 | 46 | | 368 | 31 | 0.3 | | 625 | 24 | 118 | 0.3 | | 20 |
| TOTALS | | | 597 | 895 | 25 | 388 | 107 | 3085 | 287 | 2 | 2116 | 1868 | 295 | 1676 | 4 | 1838 | 87 |

| LANDSCAPING AND EROSION CONTROL SCHEDULE | | | | | | | | | |
|------------------------------------------|---------------------|------------------------------------|--------------------------------------|-------------------------------------|-------------------|----------------------------------------|---------------------------------|---------------------------------|-----------------------------|
| LOCATION | SEEDING CLASS 2A | NITROGEN FERTILIZER NUTRIENT | PHOSPHORUS FERTILIZER NUTRIENT | POTASSIUM FERTILIZER NUTRIENT | MULCH METHOD 2 | TEMPORARY EROSION CONTOL SEEDING | INLET AND PIPE PROTECTION | PERIMETER EROSION BARRIER | TEMPORARY DITCH CHECK |
| | ACRE | POUND | POUND | POUND | ACRE | POUND | EACH | FOOT | EACH |
| IL 126 & Schlapp Rd | | | | | | | | | |
| NE QUAD | 0.38 | 34 | 34 | 34 | 0.38 | 100 | 1 | 200 | 20 |
| SE QUAD | 0.40 | 36 | 36 | 36 | 0.40 | 150 | 3 | | 20 |
| SW QUAD | 0.45 | 41 | 41 | 41 | 0.45 | 150 | 1 | 400 | 10 |
| NW QUAD | 0.47 | 42 | 42 | 42 | 0.47 | 150 | 1 | 425 | 10 |
| TOTALS | | | | | | | | | |
| | 2 | 153 | 153 | 153 | 2 | 550 | 6 | 1025 | 60 |

| PAVEMENT MARKING SCHEDULE | | | | | | | | | | | | | |
|---------------------------|-------------|--------------|-------------|--------------|--------------|-------------|-------------|-------------|------|------------------------|-----------------|------------|----------------------|
| STA. TO STA. | WIDTH FT | LENGTH FT | 4" | | 6" | 8" | 12" | 24" | RRPM | PRISMATIC CURB REFL | RRPM REMOVAL | SHORT TERM | WORK ZONE REMOVAL |
| | | | WHITE FT | YELLOW FT | YELLOW FT | WHITE FT | WHITE FT | WHITE FT | EACH | EASH | EACH | FT | SO FT |
| IL 126 | | | | | | | | | | | | | |
| 398+00 TO 400+49.63 | 24 | 250 | 500 | | 62 | | | | 3 | | 3 | 50 | 17 |
| 400+49.63 TO 403+11.25 | 24-40 | 262 | 300 | | 65 | | | | 3 | | 3 | 52 | 17 |
| 403+11.25 TO 408+00 | 24 | 490 | 980 | | 123 | 200 | 60 | | 6 | | 6 | 98 | 33 |
| SIDEROAD | | | | | | | | | | | | | |
| SCHLAPP RD. NORTH | | 125 | 210 | 210 | | | | 30 | 9 | | | 102 | 34 |
| SCHLAPP RD. SOUTH | | 125 | 210 | 210 | | | | 32 | 9 | | | 106 | 35 |
| TOTAL | | | 2200 | 420 | 250 | 200 | 60 | 62 | 12 | 18 | 12 | 408 | 136 |




| EARTHWORK SCHEDULE | | | | |
|--------------------|------------------------------|----------------------------------------|------|-------------------------|
| LOCATION | EARTH EXCAVATION (CUT) | EARTHWORK ADJUSTED FOR SHRINKAGE | FILL | FURNISHED EXCAVATION |
| | CU YD | | | CU YD |
| DITCH WORK | 1950 | 1463 | 1497 | 34 |
| TOTAL | 1950 | | | 34 |

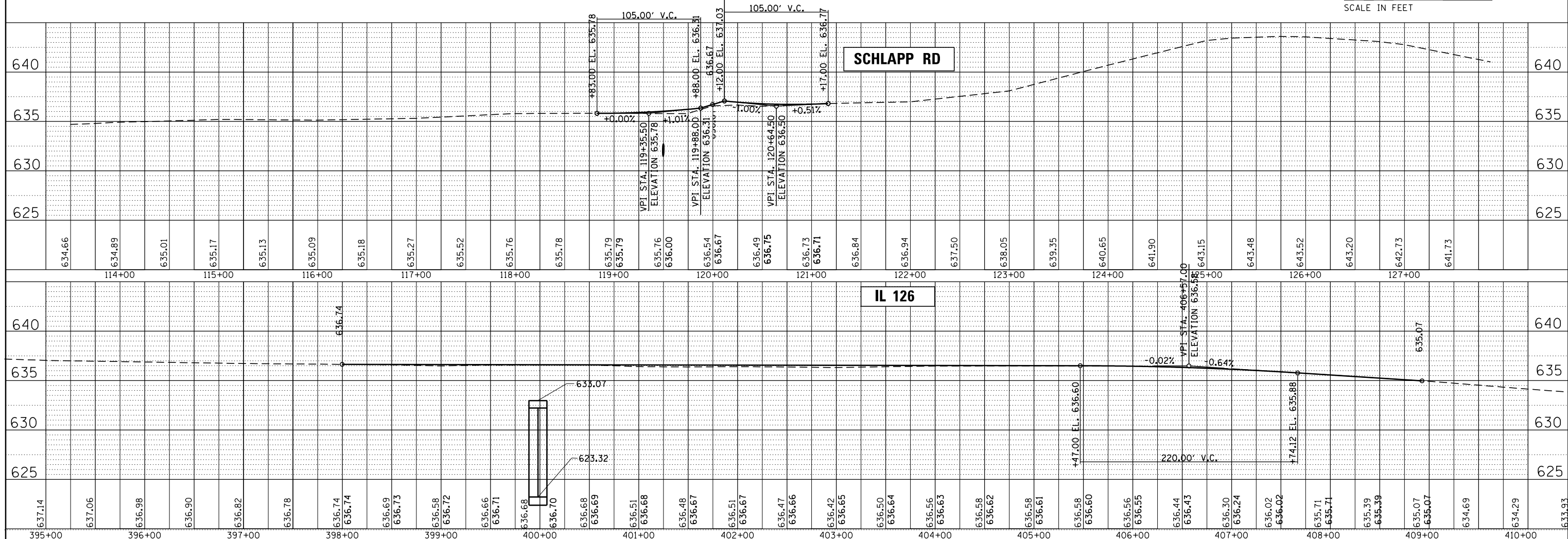
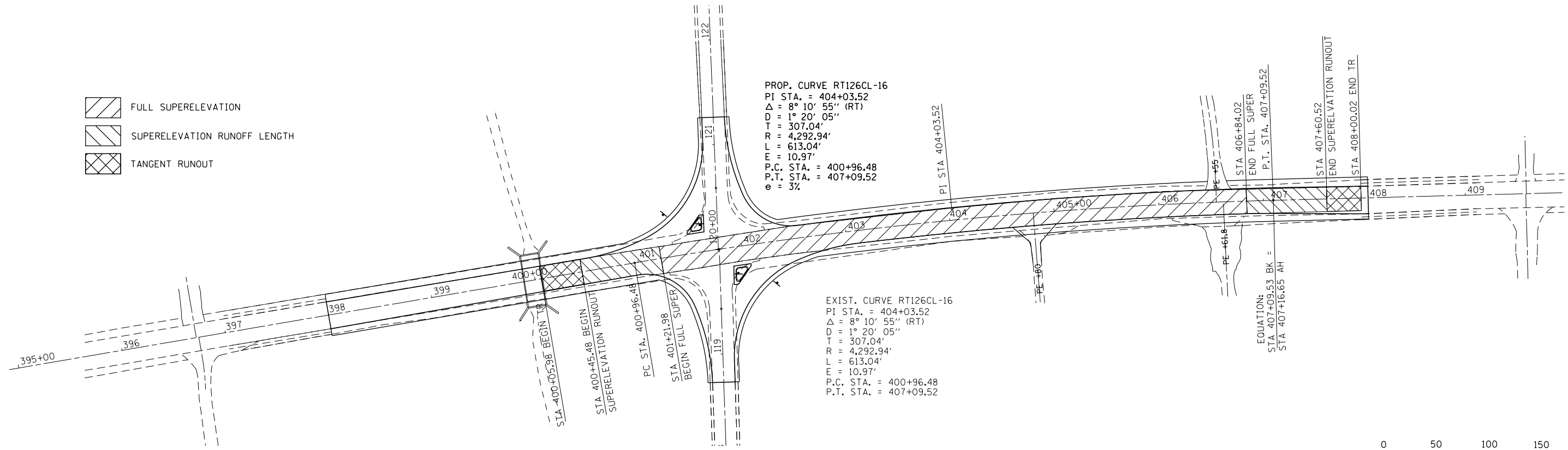
| AGGREGATE PAVED DITCH | | |
|-----------------------|---------------------------|------------------------|
| LOCATION | AGGREGATE DITCH TON | FILTER FABRIC SY |
| NE QUAD | 85 | 93 |
| NW QUAD | 120 | 132 |
| SE QUAD | 113 | 125 |
| SW QUAD | 142 | 155 |
| TOTAL | 460 | 505 |

ASSUME SHRINKAGE FACTOR - 25% EARTH EXCAVATION PAY ITEMS

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

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

-  FULL SUPERELEVATION
-  SUPERELEVATION RUNOFF LENGTH
-  TANGENT RUNOUT

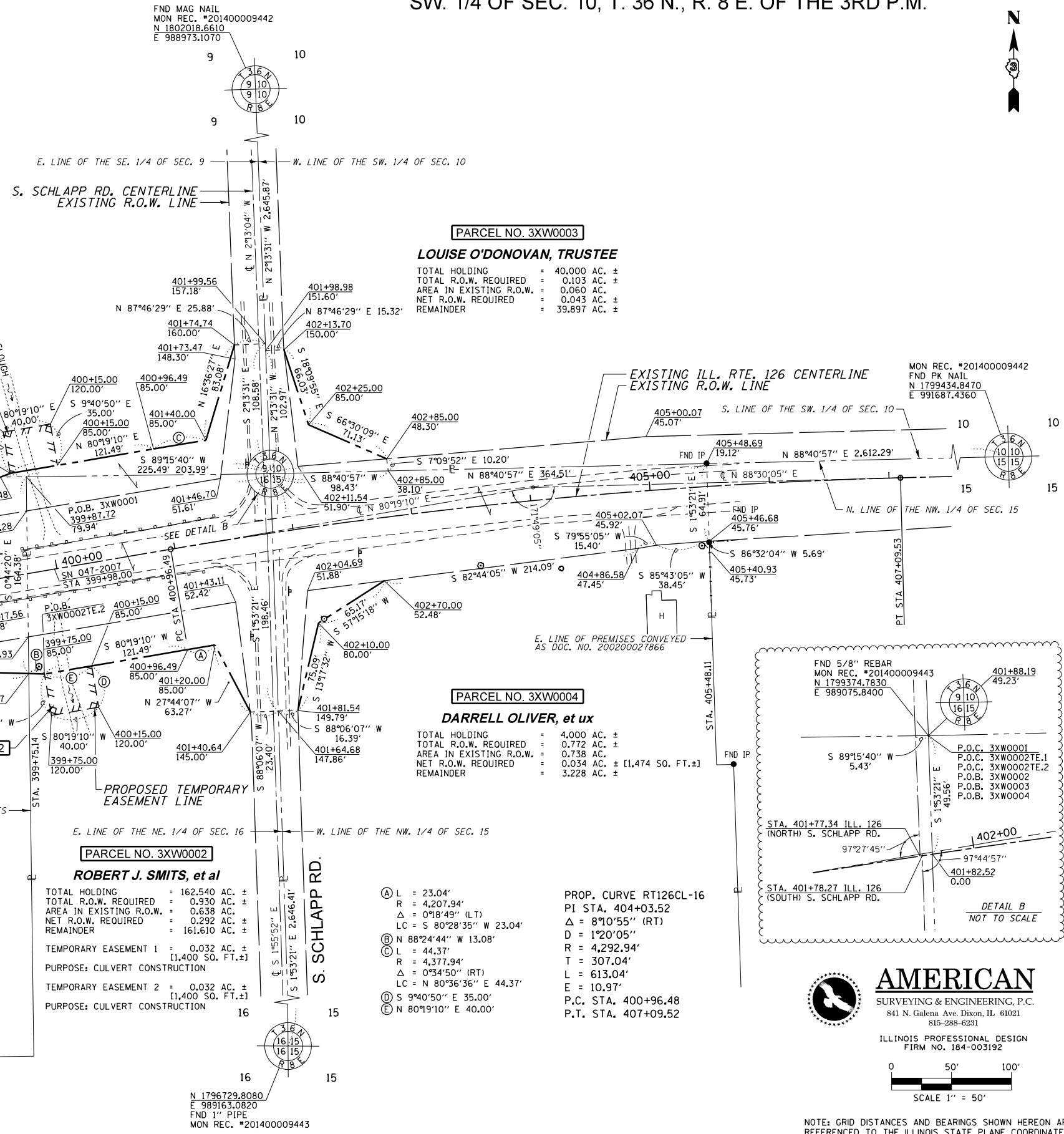
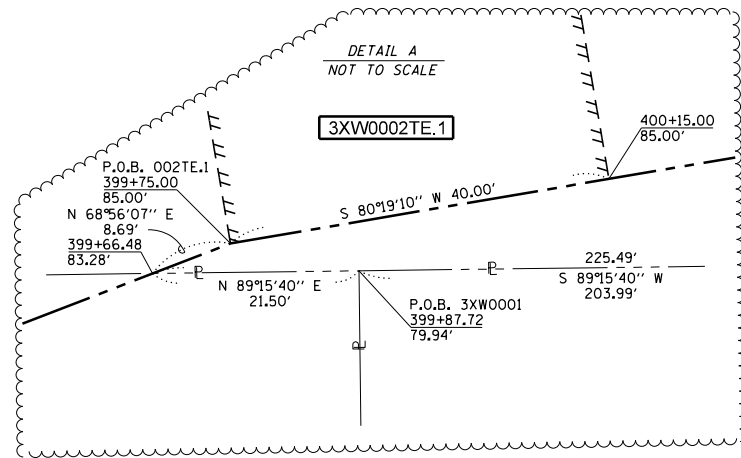


| | | | | | | | | | | |
|------------------------------------------------------------|------------------------|------------|---------------------------|-----------------------------------------------------------------|------------------------------------------------------|-----------|---------|--------|--------------|-----------|
| FILE NAME = | USER NAME = fergusonse | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | PLAN, PROFILE, HORIZONTAL AND VERTICAL LAYOUT | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pwwork\pwwid\fergusonse\0304548\03066333-sht-plnprf.dgn | CHECKED - | REVISED - | 379 | | | (118 N) | KENDALL | 31 | 11 | |
| PLOT SCALE = 100.0000' / 1" | DRAWN - | REVISED - | CONTRACT NO. 66C33 | | | | | | | |
| MODELNAME | CHECKED - | REVISED - | ILLINOIS FED. AID PROJECT | | | | | | | |

SCALE: SHEET OF SHEETS STA. TO STA.

SE. 1/4 OF SEC. 9, T. 36 N., R. 8 E. OF THE 3RD P.M.

SW. 1/4 OF SEC. 10, T. 36 N., R. 8 E. OF THE 3RD P.M.



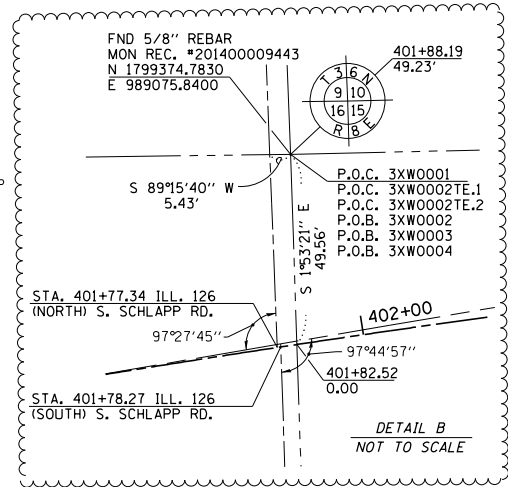
PARCEL NO. 3XW0003
LOUISE O'DONOVAN, TRUSTEE
 TOTAL HOLDING = 40.000 AC. ±
 TOTAL R.O.W. REQUIRED = 0.103 AC. ±
 AREA IN EXISTING R.O.W. = 0.060 AC.
 NET R.O.W. REQUIRED = 0.043 AC. ±
 REMAINDER = 39.897 AC. ±

PARCEL NO. 3XW0004
DARRELL OLIVER, et ux
 TOTAL HOLDING = 4.000 AC. ±
 TOTAL R.O.W. REQUIRED = 0.772 AC. ±
 AREA IN EXISTING R.O.W. = 0.738 AC.
 NET R.O.W. REQUIRED = 0.034 AC. ± [1,474 SO. FT. ±]
 REMAINDER = 3.228 AC. ±

PARCEL NO. 3XW0001
SADIE SMITS
 TOTAL HOLDING = 6.000 AC. ±
 TOTAL R.O.W. REQUIRED = 0.626 AC. ±
 AREA IN EXISTING R.O.W. = 0.441 AC.
 NET R.O.W. REQUIRED = 0.185 AC. ±
 REMAINDER = 5.374 AC. ±

PARCEL NO. 3XW0002
ROBERT J. SMITS, et al
 TOTAL HOLDING = 162.540 AC. ±
 TOTAL R.O.W. REQUIRED = 0.930 AC. ±
 AREA IN EXISTING R.O.W. = 0.638 AC.
 NET R.O.W. REQUIRED = 0.292 AC. ±
 REMAINDER = 161.610 AC. ±
 TEMPORARY EASEMENT 1 = 0.032 AC. ± [1,400 SO. FT. ±]
 PURPOSE: CULVERT CONSTRUCTION
 TEMPORARY EASEMENT 2 = 0.032 AC. ± [1,400 SO. FT. ±]
 PURPOSE: CULVERT CONSTRUCTION

PROP. CURVE RT126CL-16
 PI STA. 404+03.52
 Δ = 8°10'55" (RT)
 D = 1°20'05"
 R = 4,292.94'
 T = 307.04'
 L = 613.04'
 E = 10.97'
 P.C. STA. 400+96.48
 P.T. STA. 407+09.52



CERTIFICATE OF SURVEY
 STATE OF ILLINOIS)
 COUNTY OF LEE) S.S.
 I, COVENTINE FIDIS, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF ILL. RTE 126 WAS MADE BY ME OR UNDER MY DIRECTION AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.
 DATED THIS 24TH DAY OF JULY, 2014

COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 35-2159 MY LICENSE EXPIRES 11/30/14

NE. 1/4 OF SEC. 16, T. 36 N., R. 8 E. OF THE 3RD P.M.

NW. 1/4 OF SEC. 15, T. 36 N., R. 8 E. OF THE 3RD P.M.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

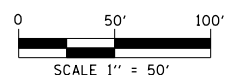
RIGHT OF WAY PLANS
 PROJECT: ILL. RTE. 126
 JOB NO. R-93-009-14
 SHEET 1 OF 1 SHEETS
 STA. 397+00 TO STA. 406+00

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|---------|---------|---------------------------|-----------|
| 379 | (118)N | KENDALL | 31 | 12 |
| ILL. RTE. 126 | | | CONTRACT NO. 66C33 | |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | |

ASE JOB NO. 210007.4

| FILE NAME | USER NAME | DESIGNED | REVISED |
|-----------|-----------|-----------|-----------|
| *FILES* | ferguson | GB | GB |
| | | CH | CH |
| | | PS | PS |
| | | DATE | DATE |
| | | 4/10/2014 | 4/10/2014 |

NOTE: GRID DISTANCES AND BEARINGS SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (NAD 83)
 ALL AREAS BASED ON GROUND DISTANCES
 GRID TO GROUND FACTOR = 1.000050173





FLASHING BEACON

R1-1

W4-I100

PROP. SIGNS IN ISLANDS

EXIST. GUARDRAIL TO BE REMOVED. GUARDRAIL TO REMAIN IN PLACE DURING CONSTRUCTION OF CULVERT EXTENSIONS AND END SECTIONS

BEGIN PROJECT STA. 398+00

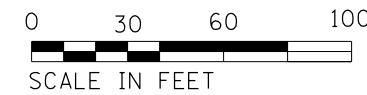
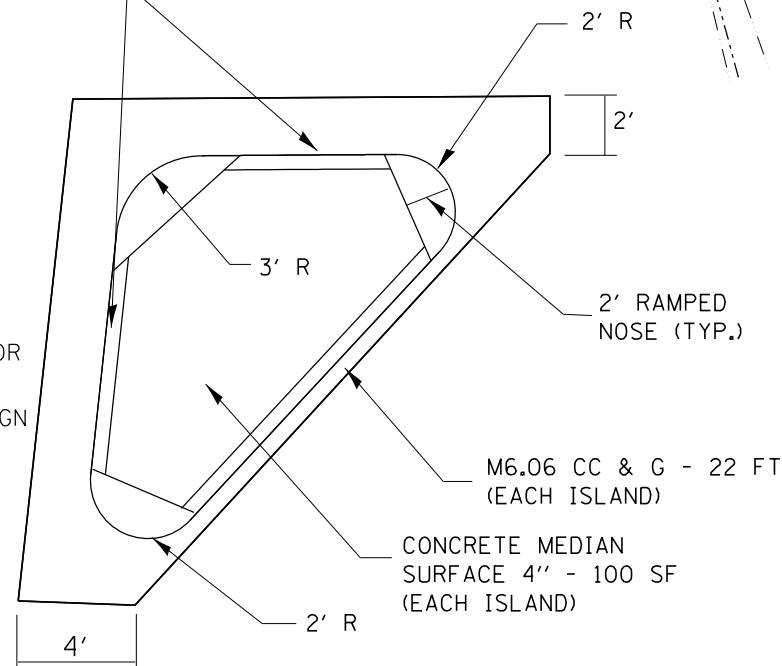
M6.24 CC & G - 32 FT (EACH ISLAND)

EXISTING CULVERT WINGWALLS TO REMAIN IN PLACE FOR USE IN SOIL RETENTION.

DETAIL A

SEE STD 606301 FOR ADDITIONAL DETAIL

SEE DETAIL FOR SIGN POST BLOCK OUT PLACEMENT



END IMPROVEMENT STA. 118+73.10

END IMPROVEMENT STA. 121+26.10

PROP. TY 1 SIGN PANEL - 6.5 SF (STOP SIGN)
WOOD SIGN SUPPORT - 15 FT
STA. 401+78.26 IL 126 =
STA. 120+00 SCHLAPP RD S

2 CTR CURVE
R1 = 50', R2 = 200'
OFF = 11'

2 CTR CURVE
R1 = 100', R2 = 200'
OFF = 5'

PROP STOP SIGN (TYP)
TY 1 SIGN PANEL - 6.5 SF
WOOD SIGN SUPPORT - 15 FT

2 CTR CURVE
R1 = 100', R2 = 200'
OFF = 5'

PROP. TY 1 SIGN PANEL - 6.5 SF (STOP SIGN)
WOOD SIGN SUPPORT - 15 FT

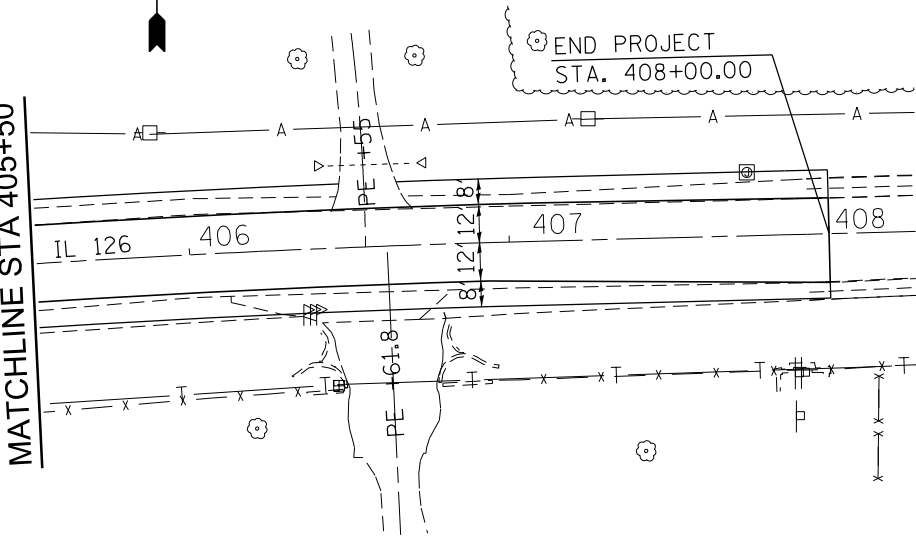
2 CTR CURVE
R1 = 50', R2 = 200'
OFF = 10.6'



MATCHLINE STA 405+50

MATCHLINE STA 405+50

END PROJECT STA. 408+00.00



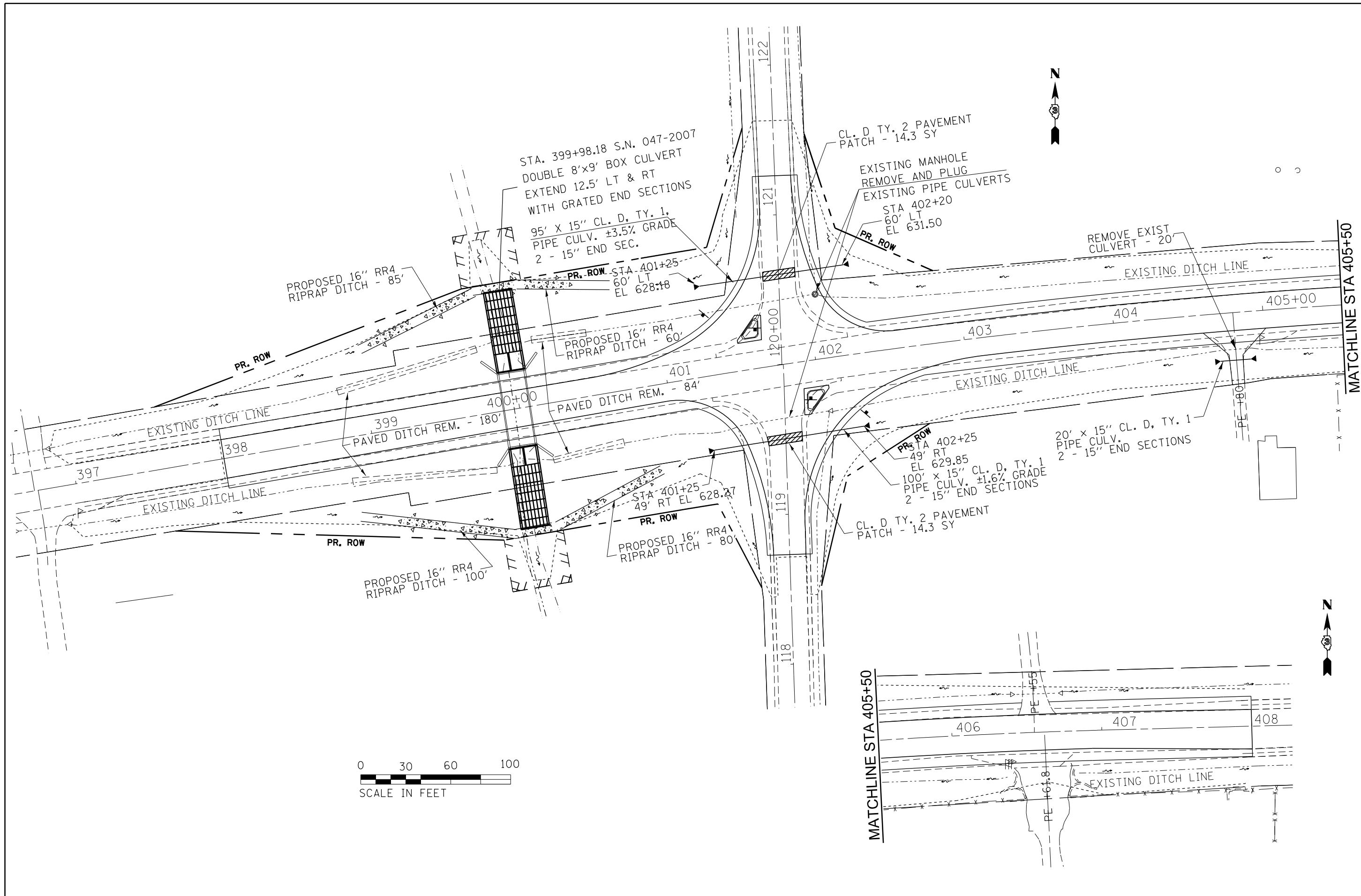
| | | | |
|--------------------------------------------------------|------------------------|------------|-----------|
| FILE NAME = | USER NAME = ferguson | DESIGNED - | REVISED - |
| et:\pw\work\p1dot\ferguson\0304548\066C33-sht-plan.dgn | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | | DATE - | REVISED - |
| *MODELNAME* | PLOT DATE = 12/23/2014 | | |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|---------|---------|--------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 379 | (118N) | KENDALL | 31 | 13 |
| ILL. RTE. 126 | | | CONTRACT NO. 66C33 | |
| ILLINOIS FED. AID PROJECT | | | | |



0 30 60 100
SCALE IN FEET

| | | | |
|-------------------------------------------------------------|-----------------------------|------------|-----------|
| FILE NAME = | USER NAME = fergusonse | DESIGNED - | REVISED - |
| c:\pwork\work\pwork\fergusonse\d0304548\066633-sht-plan.dgn | | DRAWN - | REVISED - |
| | PLOT SCALE = 60.0000' / in. | CHECKED - | REVISED - |
| #MODELNAME# | PLOT DATE = 12/23/2014 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRAINAGE SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|---------|--------------------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 379 | (118)N | KENDALL | 31 | 14 |
| ILL. RTE. 126 | | CONTRACT NO. 66C33 | | |
| ILLINOIS FED. AID PROJECT | | | | |



24" WHITE STOP BAR (TYP) - 62'

TEMP. EROSION CONTROL SEEDING - 150 LBS
SEEDING CLASS 2A - 0.47 ACRE
MULCH METHOD 2 - 0.47 ACRE
PERIMETER EROSION BARRIER - 425 FT

DOUBLE 4" YELLOW CENTERLINE - 210'

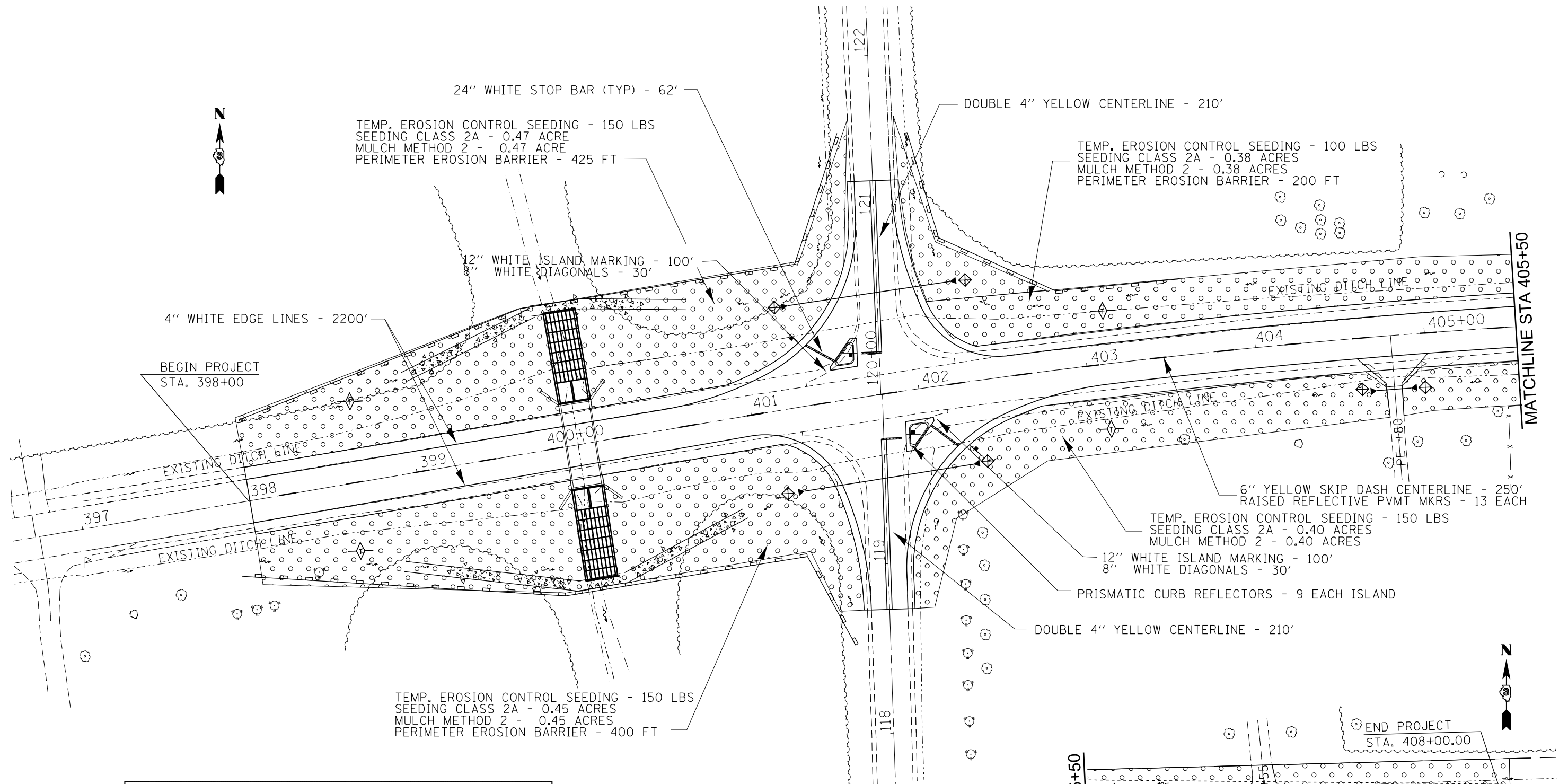
TEMP. EROSION CONTROL SEEDING - 100 LBS
SEEDING CLASS 2A - 0.38 ACRES
MULCH METHOD 2 - 0.38 ACRES
PERIMETER EROSION BARRIER - 200 FT

12" WHITE ISLAND MARKING - 100'
8" WHITE DIAGONALS - 30'

4" WHITE EDGE LINES - 2200'

BEGIN PROJECT
STA. 398+00

MATCHLINE STA 405+50



TEMP. EROSION CONTROL SEEDING - 150 LBS
SEEDING CLASS 2A - 0.40 ACRES
MULCH METHOD 2 - 0.40 ACRES

12" WHITE ISLAND MARKING - 100'
8" WHITE DIAGONALS - 30'

PRISMATIC CURB REFLECTORS - 9 EACH ISLAND

DOUBLE 4" YELLOW CENTERLINE - 210'

6" YELLOW SKIP DASH CENTERLINE - 250'
RAISED REFLECTIVE PVMT MKRS - 13 EACH

TEMP. EROSION CONTROL SEEDING - 150 LBS
SEEDING CLASS 2A - 0.45 ACRES
MULCH METHOD 2 - 0.45 ACRES
PERIMETER EROSION BARRIER - 400 FT

END PROJECT
STA. 408+00.00



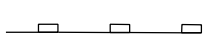
LANDSCAPING LEGEND



TEMPORARY DITCH CHECK



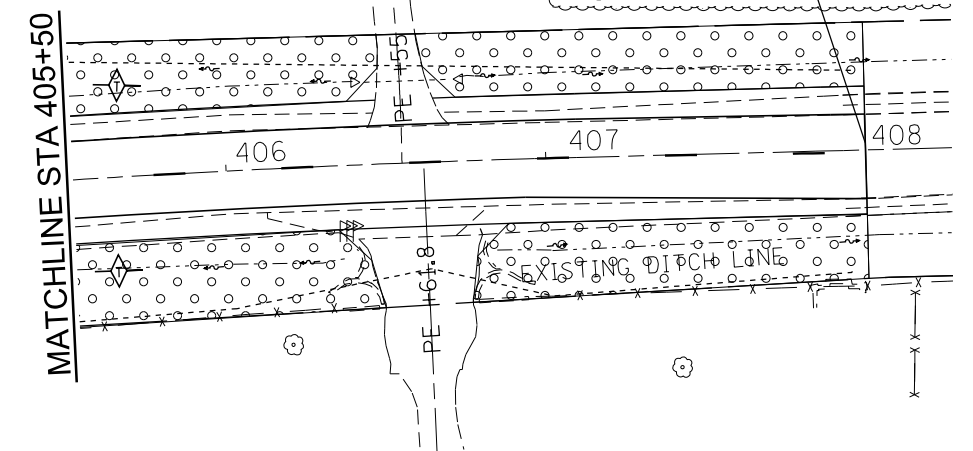
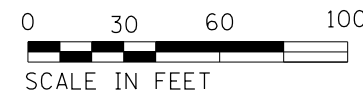
INLET AND PIPE PROTECTION



PERIMETER EROSION BARRIER



**SEEDING CLASS 2A AND
MULCH METHOD 2**



| | | | |
|------------------------------------------------------------|-----------------------------|------------|-----------|
| FILE NAME = | USER NAME = fergusonse | DESIGNED - | REVISED - |
| c:\pwork\pwork\dot\fergusonse\d0304548\066C33-sht-plan.dgn | | DRAWN - | REVISED - |
| \$MODELNAME\$ | PLOT SCALE = 60.0000' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 12/23/2014 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL AND PAVEMENT MARKING

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------|--------------------|---------|---------------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 379 | (118N) | KENDALL | 31 | 15 |
| ILL. RTE. 126 | CONTRACT NO. 66C33 | | ILLINOIS FED. AID PROJECT | |

| DESCRIPTION | UNIT | TOTAL QUANTITY |
|--------------------------------------------------------------------|-------|----------------|
| SIGN PANEL, TYPE 1 | SQ FT | 29 |
| REMOVE SIGN PANEL ASSEMBLY - TYPE A | EACH | 2 |
| WOOD SIGN SUPPORT | FOOT | 60 |
| UNDERGROUND CONDUIT, PVC, 2" DIA. | FOOT | 832 |
| CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL | FOOT | 24 |
| HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 3 |
| MAINTENANCE OF EXISTING FLASHING BEACON INSTALLATION | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT, SIGNAL 14 2C | FOOT | 3485 |
| ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 3485 |
| DRILL EXISTING HANDHOLE | EACH | 1 |
| SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED | EACH | 2 |
| MODIFY EXISTING CONTROLLER | EACH | 1 |
| REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 3328 |
| REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE | EACH | 1 |
| REMOVE EXISTING HANDHOLE | EACH | 2 |
| CONDUIT SPLICE | EACH | 3 |
| UNINTERRUPTABLE POWER SUPPLY, SPECIAL | EACH | 1 |
| DISCONNECT AND RECONNECT ELECTRIC SERVICE | EACH | 1 |

MATCHLINE STA 122 + 50

MATCHLINE STA 406 + 50

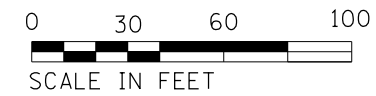
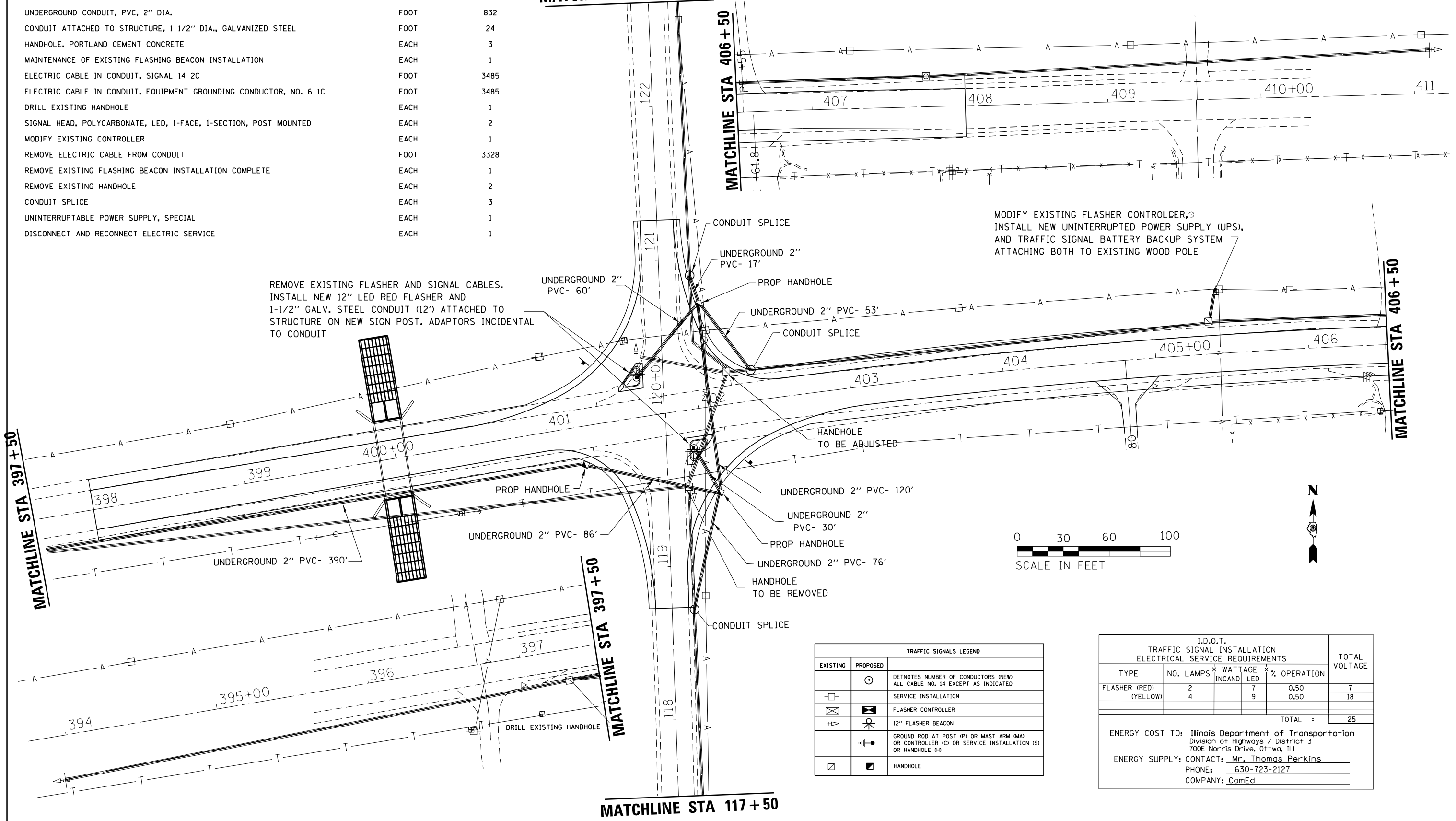
MATCHLINE STA 406 + 50

MATCHLINE STA 397 + 50

MATCHLINE STA 117 + 50

REMOVE EXISTING FLASHER AND SIGNAL CABLES. INSTALL NEW 12" LED RED FLASHER AND 1-1/2" GALV. STEEL CONDUIT (12') ATTACHED TO STRUCTURE ON NEW SIGN POST. ADAPTORS INCIDENTAL TO CONDUIT

MODIFY EXISTING FLASHER CONTROLLER, INSTALL NEW UNINTERRUPTABLE POWER SUPPLY (UPS), AND TRAFFIC SIGNAL BATTERY BACKUP SYSTEM ATTACHING BOTH TO EXISTING WOOD POLE



| EXISTING | | PROPOSED | TRAFFIC SIGNALS LEGEND |
|----------|--|----------|-------------------------------------------------------------------------------------------------------|
| | | ⊙ | DETOTES NUMBER OF CONDUCTORS (NEW) ALL CABLE NO. 14 EXCEPT AS INDICATED |
| | | □ | SERVICE INSTALLATION |
| | | ⊠ | FLASHER CONTROLLER |
| | | ⊕ | 12" FLASHER BEACON |
| | | ⊖ | GROUND ROD AT POST (P) OR MAST ARM (MA) OR CONTROLLER (C) OR SERVICE INSTALLATION (S) OR HANDHOLE (H) |
| | | ⊞ | HANDHOLE |

| I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS | | | | | TOTAL VOLTAGE |
|----------------------------------------------------------------------|-----------|----------------|-----|-------------|---------------|
| TYPE | NO. LAMPS | WATTAGE INCAND | LED | % OPERATION | |
| FLASHER (RED) | 2 | | 7 | 0.50 | 7 |
| (YELLOW) | 4 | | 9 | 0.50 | 18 |
| TOTAL = | | | | | 25 |

ENERGY COST TO: Illinois Department of Transportation
Division of Highways / District 3
700E Norris Drive, Ottawa, ILL

ENERGY SUPPLY: CONTACT: Mr. Thomas Perkins
PHONE: 630-723-2127
COMPANY: ComEd

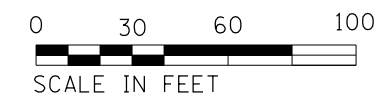
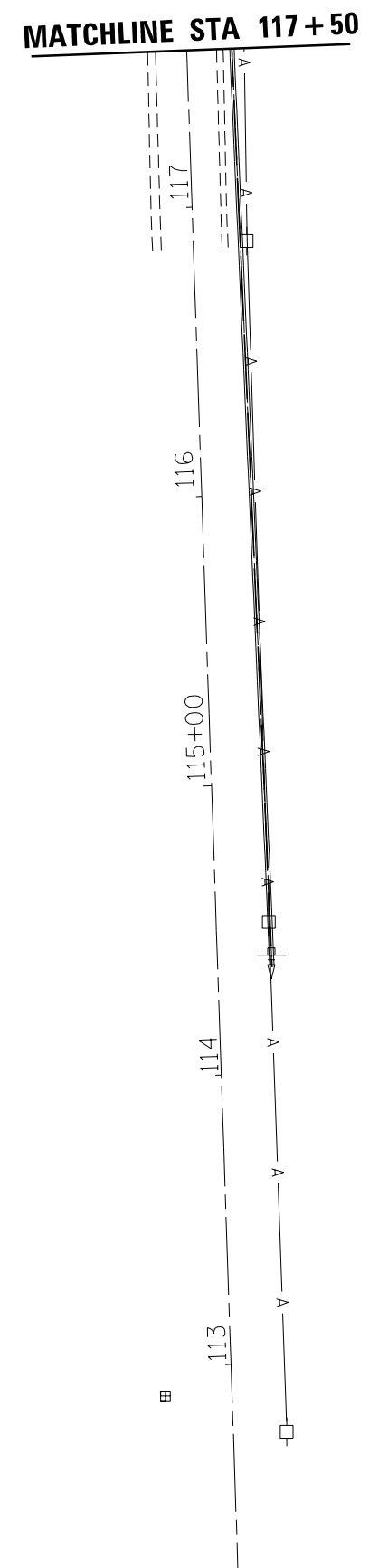
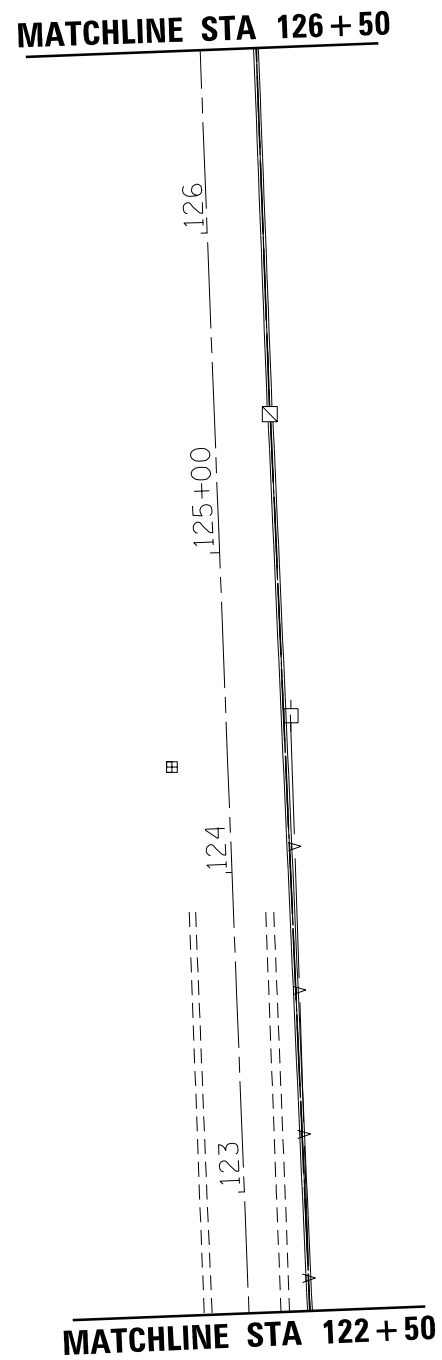
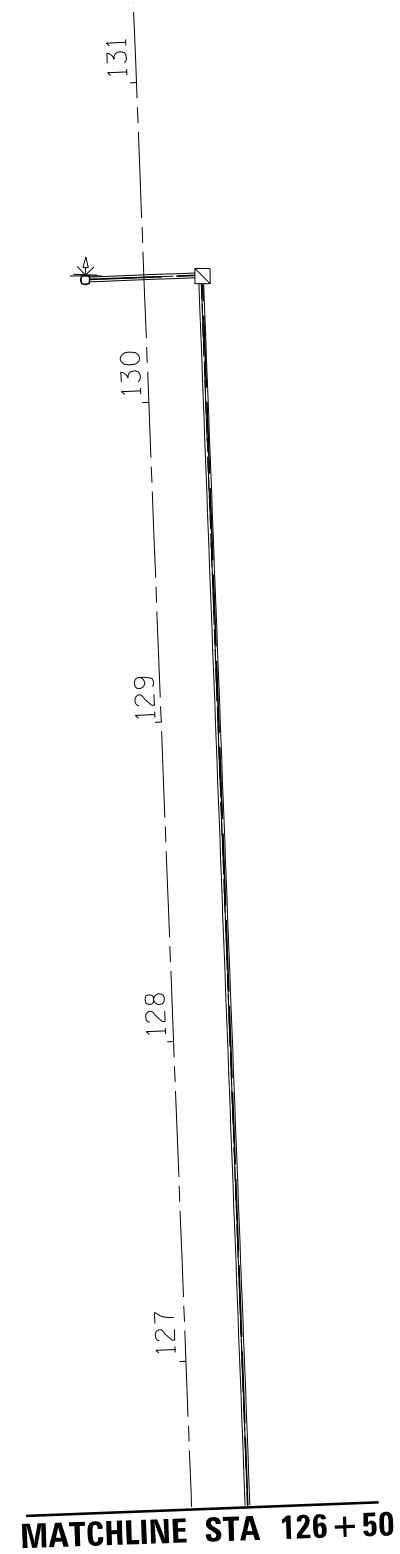
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| ei:\pw\work\p1dot\ferguson\0304548\086633-sht-plan.dgn | | DRAWN - | REVISED - |
| | | CHECKED - | REVISED - |
| | | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FLASHING BEACON PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------|---------------------------|---------|--------------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 379 | (118)N | KENDALL | 31 | 16 |
| ILL. RTE. 126 | ILLINOIS FED. AID PROJECT | | CONTRACT NO. 66C33 | |



| | | | |
|-------------------------------------------------------------|-----------------------------|------------|-----------|
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| | PLOT SCALE = 60.0000' / in. | CHECKED - | REVISED - |
| \$MODELNAME\$ | PLOT DATE = 12/23/2014 | DATE - | REVISED - |

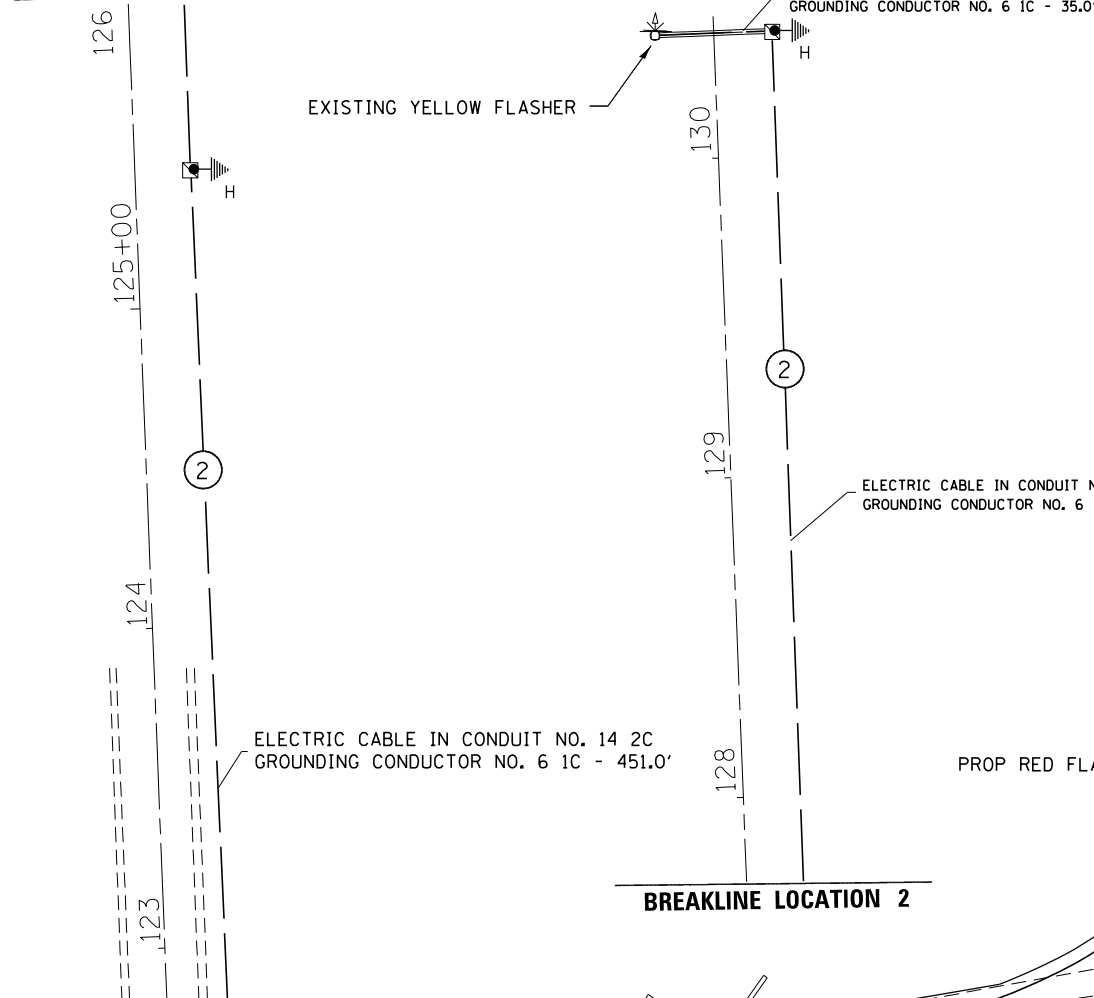
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FLASHING BEACON AND CABLE PLAN

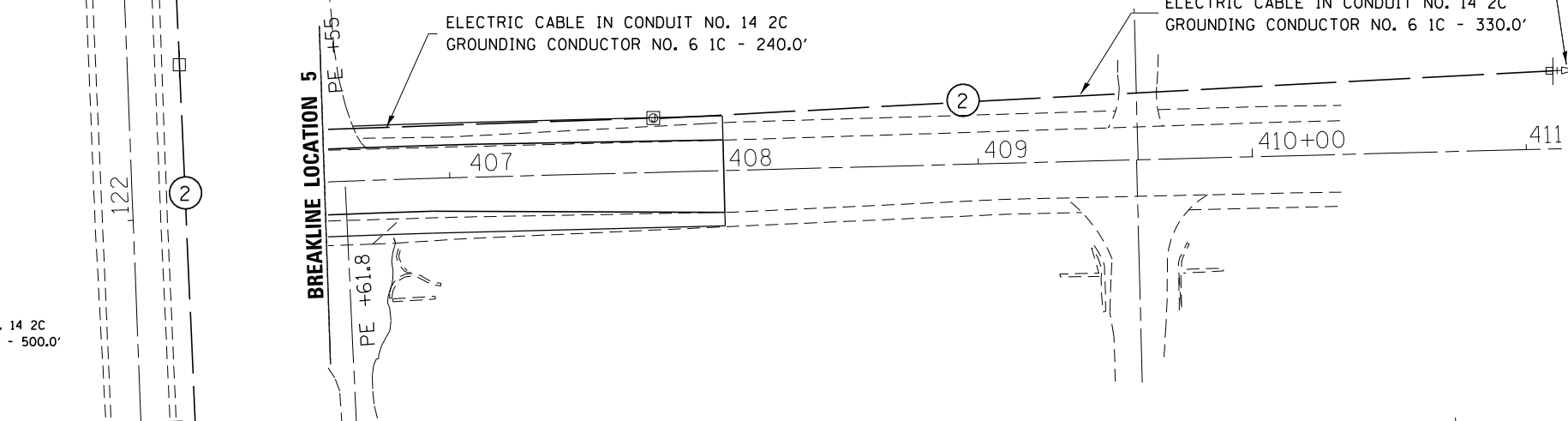
SCALE: SHEET OF SHEETS STA. TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|---------|--------------------|-----------|
| 379 | (118)N | KENDALL | 31 | 17 |
| ILL. RTE. 126 | | | CONTRACT NO. 66C33 | |
| ILLINOIS FED. AID PROJECT | | | | |

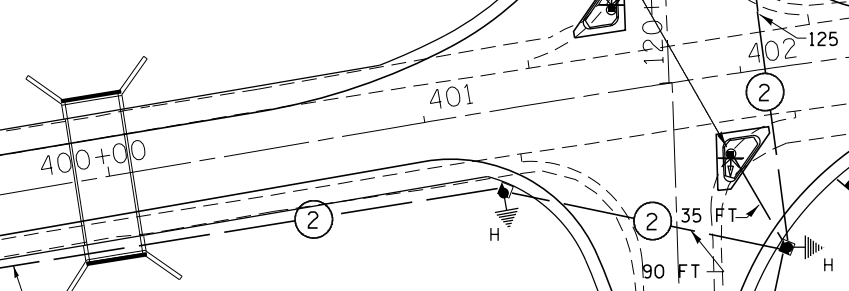
BREAKLINE LOCATION 2



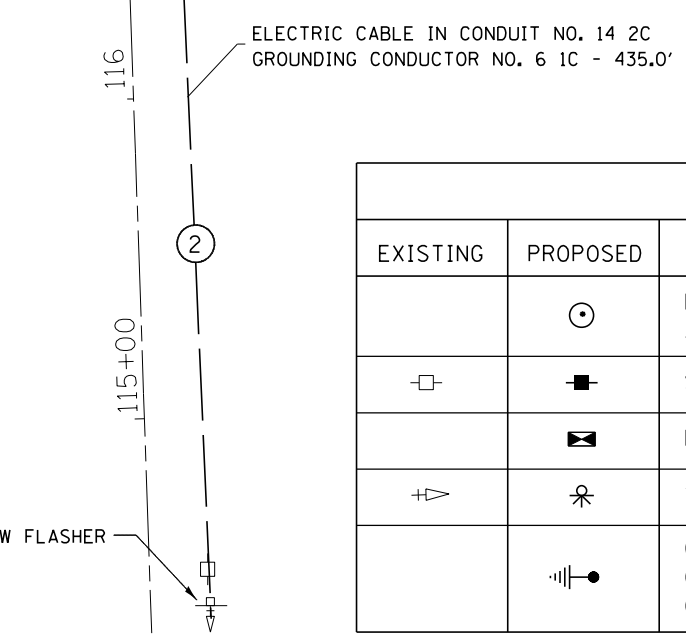
BREAKLINE LOCATION 1



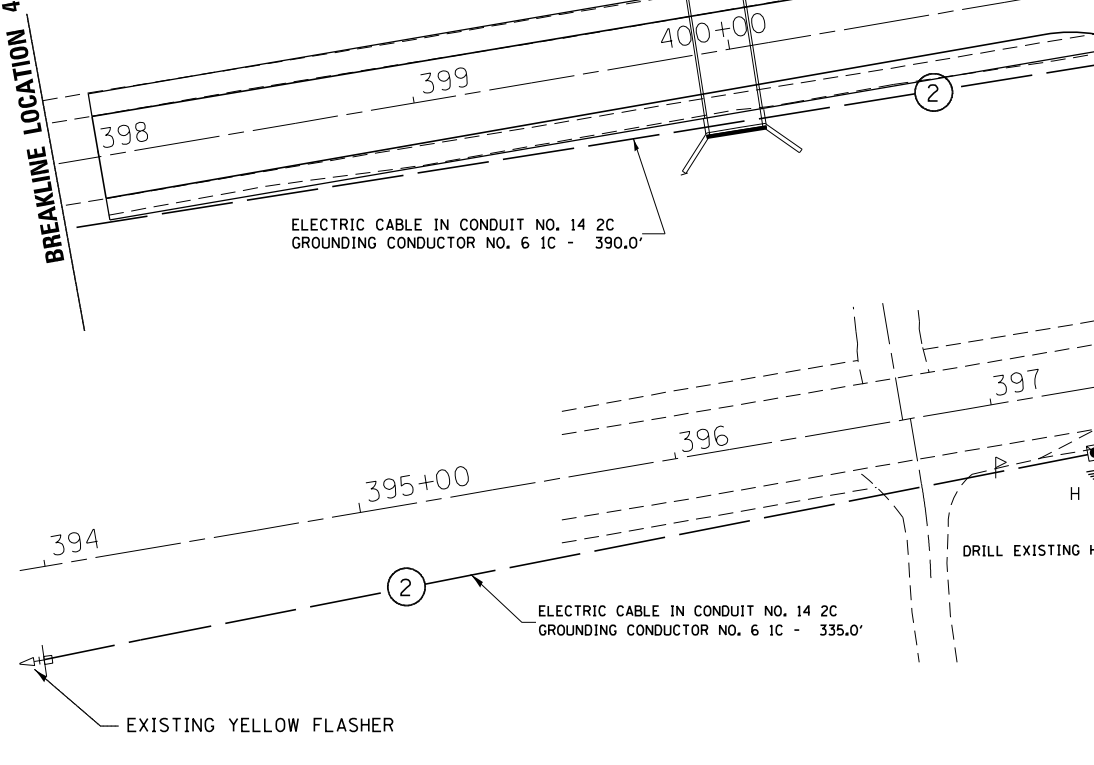
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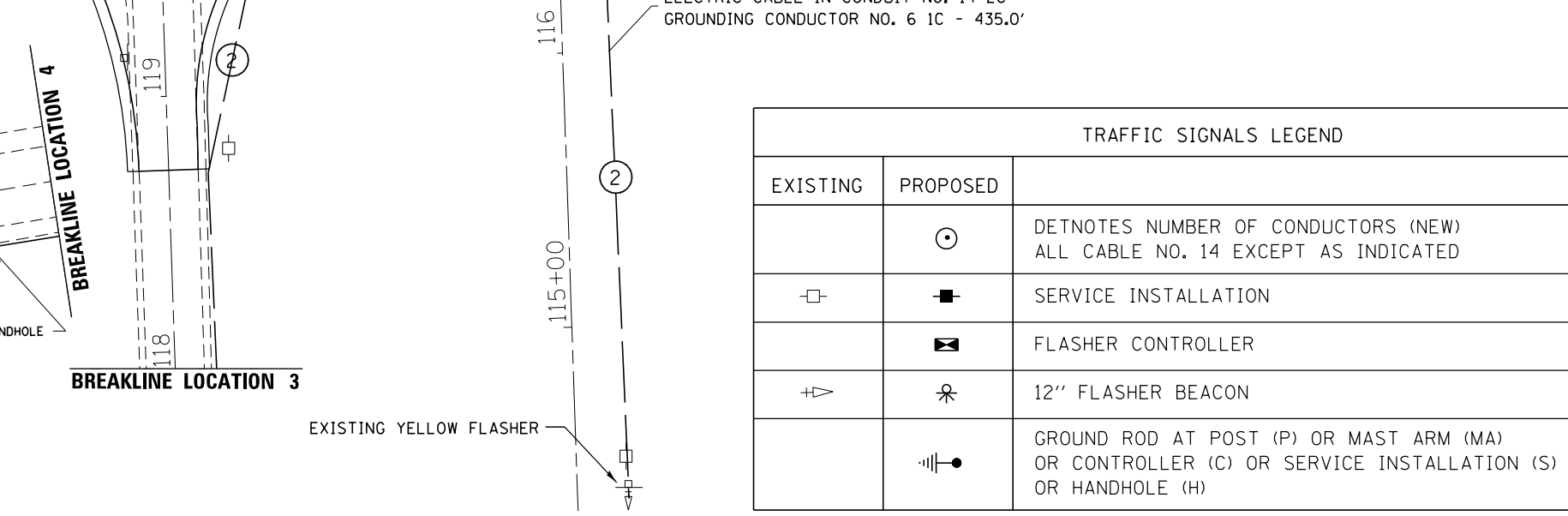
BREAKLINE LOCATION 3



BREAKLINE LOCATION 1



BREAKLINE LOCATION 5



| TRAFFIC SIGNALS LEGEND | | |
|------------------------|----------|-------------------------------------------------------------------------------------------------------------|
| EXISTING | PROPOSED | |
| | ⊙ | DETOTES NUMBER OF CONDUCTORS (NEW) ALL CABLE NO. 14 EXCEPT AS INDICATED |
| □ | ■ | SERVICE INSTALLATION |
| | ⊞ | FLASHER CONTROLLER |
| ▷ | ⊙ | 12" FLASHER BEACON |
| | ⊞ | GROUND ROD AT POST (P) OR MAST ARM (MA) OR CONTROLLER (C) OR SERVICE INSTALLATION (S) OR HANDHOLE (H) |

| | | | |
|-----------------------------------------------------|-----------------------------|------------|-----------|
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| | PLOT SCALE = 60.0000' / in. | CHECKED - | REVISED - |
| *MODELNAME* | PLOT DATE = 12/23/2014 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CABLE PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

| | | | | |
|---------------------------|---------|---------|--------------|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 379 | (118)N | KENDALL | 31 | 18 |
| CONTRACT NO. 66C33 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

BENCHMARK: BM #74, Chiseled "X" on headwall Sta. 400+07.55, 25.30° Rt., Elev. 633.68

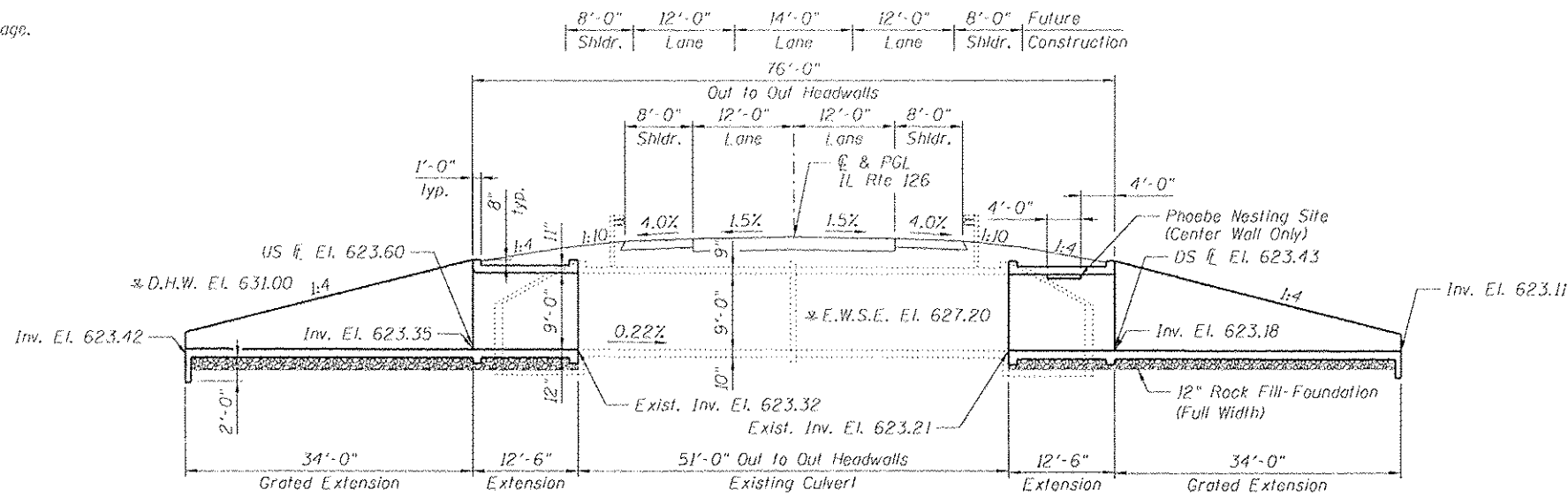
EXISTING STRUCTURE: Structure number 047-2007 was originally constructed in 1992 as FAS 2312 (IL 126) Section 119 BR. It is a double 8'x9' cast-in-place concrete box culvert, 51'-0" out to out of headwalls.

Existing structure to be extended on both ends. Traffic to be maintained utilizing stage construction.

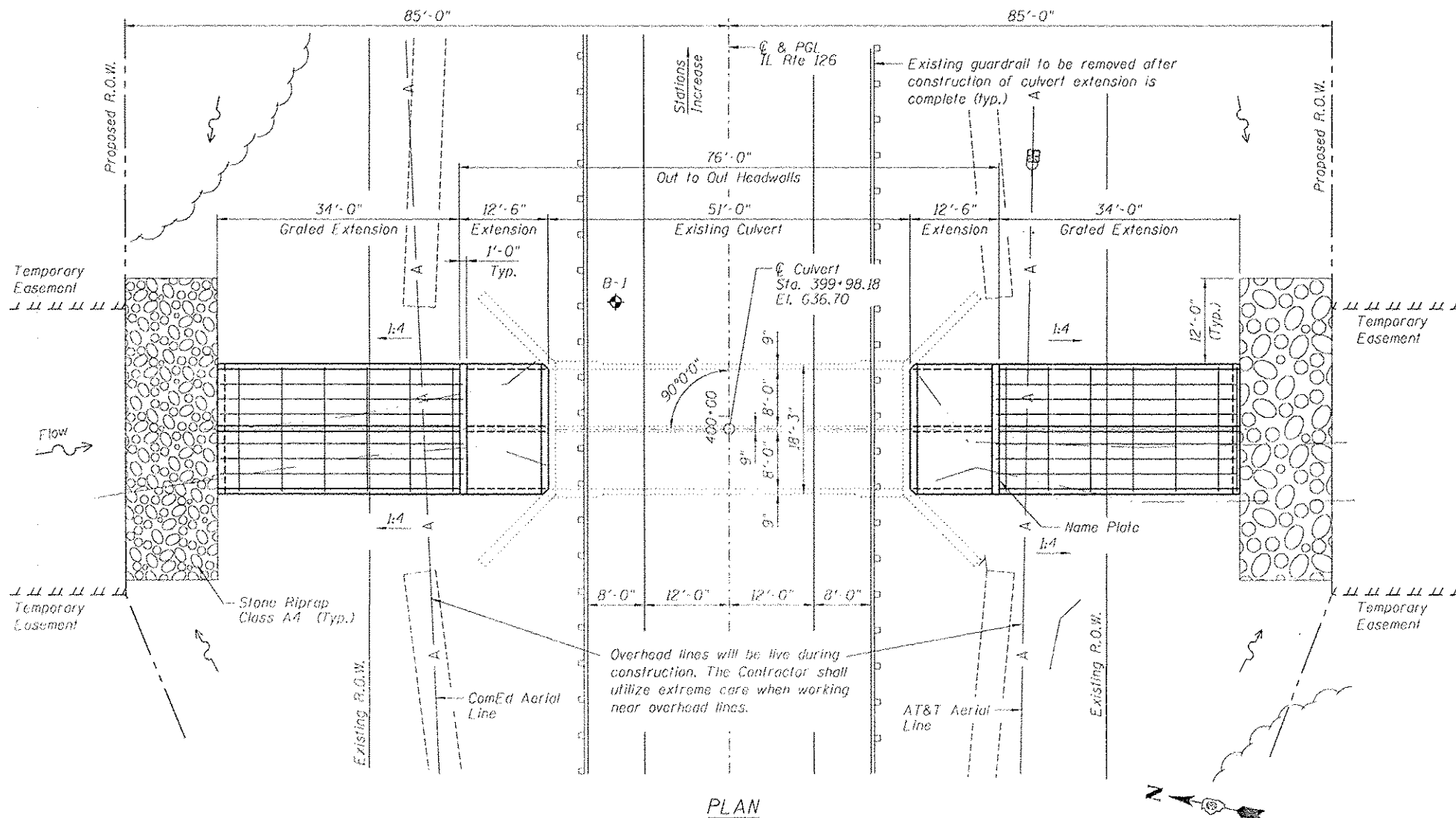
No salvage.

INDEX OF SHEETS

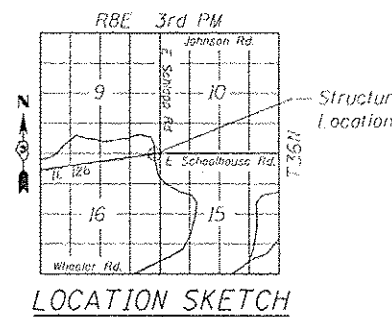
- S-1. General Plan
- S-2. General Data
- S-3. Culvert Plan & Sections
- S-4. Culvert Details
- S-5. Grated Extensions
- S-6. Boring Log



LONGITUDINAL SECTION



PLAN



LOCATION SKETCH



Signature: *Dan J. [unclear]*
 Date: 12-30-14
 November 30, 2016
 Expires

GENERAL PLAN
IL 126 OVER LITTLE SLOUGH CREEK
FAU 379 (IL 126) SECTION (118) N
KENDALL COUNTY
STA. 399+98.18
STRUCTURE NO. 047-2007



Zroka Engineering, P.C.
 4216 North Halsted
 Chicago, IL 60613

USER NAME : SAW
 PROJECT SCALE : 20,000/1
 PLOT DATE : 12/29/2014

DESIGNED - LAS
 CHECKED - DAZ
 DRAWN - SAW
 CHECKED - LAS

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN
 STRUCTURE NO. 047-2007

SHEET NO. S-1 OF S-6 SHEETS

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|---------|---------|--------------|-----------|
| 379 | (118) N | KENDALL | 31 | 19 |

CONTRACT NO. 66C33
 [ILLINOIS] FED. AID PROJECT

FILE NAME: \\AR47-2007_66C33_021_C06.dwg

NOTES

1. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
2. Layout of the stone riprap for channel realignment may be varied to suit ground conditions in the field as directed by the Engineer.
3. Precast alternate is not allowed.
4. The proposed grated end sections (sidewalls) shall extend less than 4 inches (i.e. 3 inches typical) above the adjacent ground elevation until the last 10' of the grated extension. At that point the adjacent ground elevation shall be sloped to meet the invert elevation.

WATERWAY INFORMATION

| Drainage Area = 2.73 sq. mi. | | | | Exist. Low Grade Elev. = 636.41 @ Sta. 399+00 Prop. Low Grade Elev. = 636.41 @ Sta. 399+00 | | | | | |
|------------------------------|-----------|----------|-----------------|-----------------------------------------------------------------------------------------------|-------------|------------|-------|---------------|-------|
| Flood | Freq. Yr. | Q C.F.S. | Opening Sq. Ft. | | Nat. H.W.E. | Head - Ft. | | Headwater El. | |
| | | | Exist. | Prop. | | Exist. | Prop. | Exist. | Prop. |
| | 10 | 356 | 111 | 110 | 630.2 | 0.0 | 0.0 | 630.3 | 630.2 |
| Hydraulic Design | 50 | 540 | 123 | 123 | 631.0 | 0.3 | 0.2 | 631.3 | 631.2 |
| Base | 100 | 614 | 127 | 126 | 631.3 | 0.4 | 0.3 | 631.6 | 631.6 |
| Max. Calc. | 500 | 793 | 134 | 133 | 631.7 | 0.8 | 0.8 | 632.5 | 632.5 |
| Overtopping | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

10-Year Velocity through Existing Bridge = 3.3 fps
10-Year Velocity through Proposed Bridge = 3.3 fps

DESIGN SCOUR ELEVATION TABLE

| | Upstream | Downstream |
|------------------------------|----------|------------|
| Design Scour Elevation (ft.) | 620.42 | 620.11 |

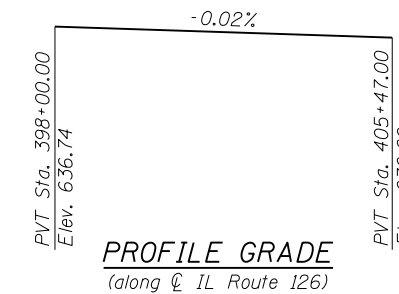
TOTAL BILL OF MATERIAL

| ITEM | UNIT | TOTAL |
|--------------------------------------------------|---------|--------|
| Stone Riprap, Class A4 | Sq. Yd. | 122 |
| Reinforcement Bars | Pound | 23,230 |
| Name Plates | Each | 1 |
| Expansion Bolts ³ / ₄ Inch | Each | 84 |
| Concrete Box Culverts | Cu. Yd. | 137.6 |
| Traversable Pipe Grate | Foot | 636 |
| Rock Fill - Foundation | Cu. Yd. | 63 |

STATION 399+98.18
REBUILT BY
STATE OF ILLINOIS
F.A.U. RT. 379 SEC. (118)N
LOADING HS 20-44
STR. NO. 047-2007

NAME PLATE

(See Std. 515001)



LOADING HS20-44

Allow 50#/sq. ft. for future wearing surface

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges 17th Edition

DESIGN STRESSES

FIELD UNITS (New Construction)

f'_c = 3,500 psi
 f_y = 60,000 psi (reinforcement)

FIELD UNITS (Existing Construction)

f'_c = 3,500 psi
 f_y = 60,000 psi (reinforcement)

FILE NAME = ...047-2007_66C33_002_GenData.dgn



Zroka Engineering, P.C.
4216 North Hermitage
Chicago, IL 60613

| | | |
|-----------------------------|----------------|-----------------|
| USER NAME = SAW | DESIGNED - LAS | REVISED - _____ |
| | CHECKED - DAZ | REVISED - _____ |
| PLOT SCALE = 20.0000' / in. | DRAWN - SAW | REVISED - _____ |
| PLOT DATE = 12/29/2014 | CHECKED - LAS | REVISED - _____ |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

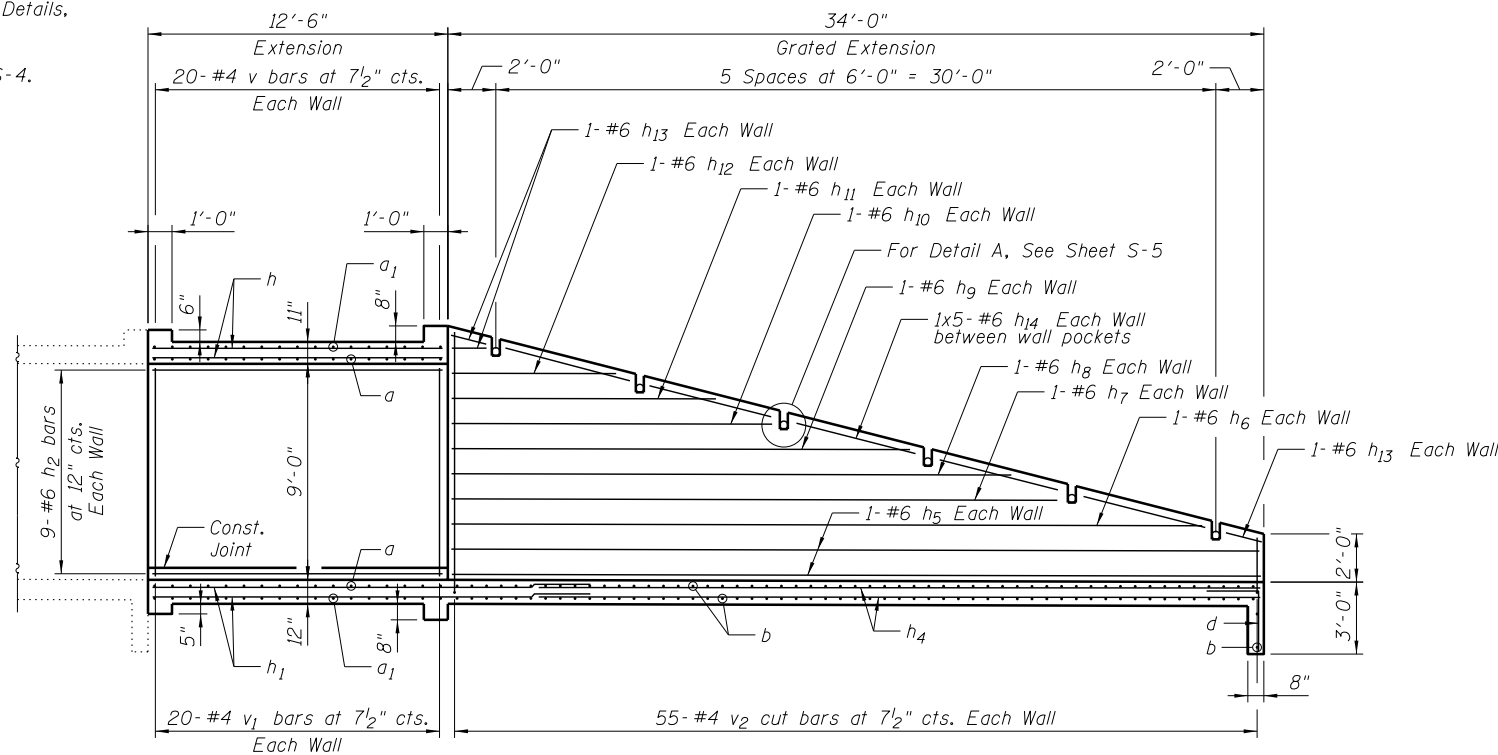
GENERAL DATA
STRUCTURE NO. 047-2007

SHEET NO. S-2 OF S-6 SHEETS

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|---------|--------------------|-----------|
| 379 | (118) N | KENDALL | | |
| | | | CONTRACT NO. 66C33 | |
| ILLINOIS FED. AID PROJECT | | | | |

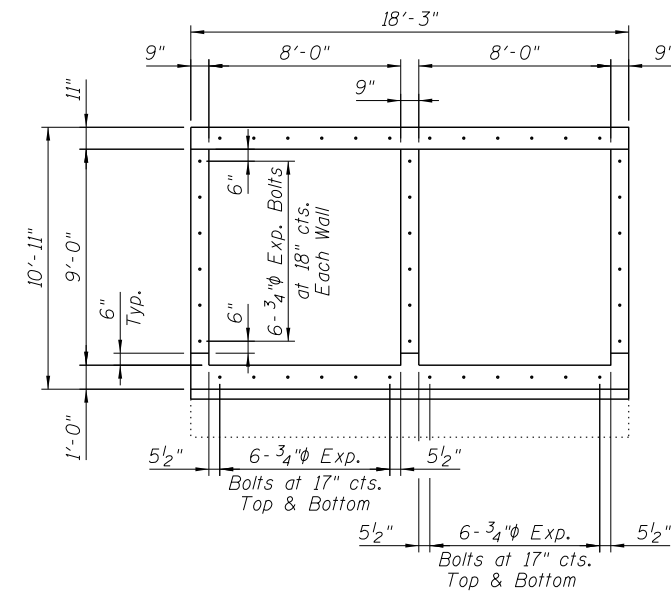
Notes:
For Edge Beam and Headwall Details,
see Sheet S-4.

For Section C-C, see Sheet S-4.



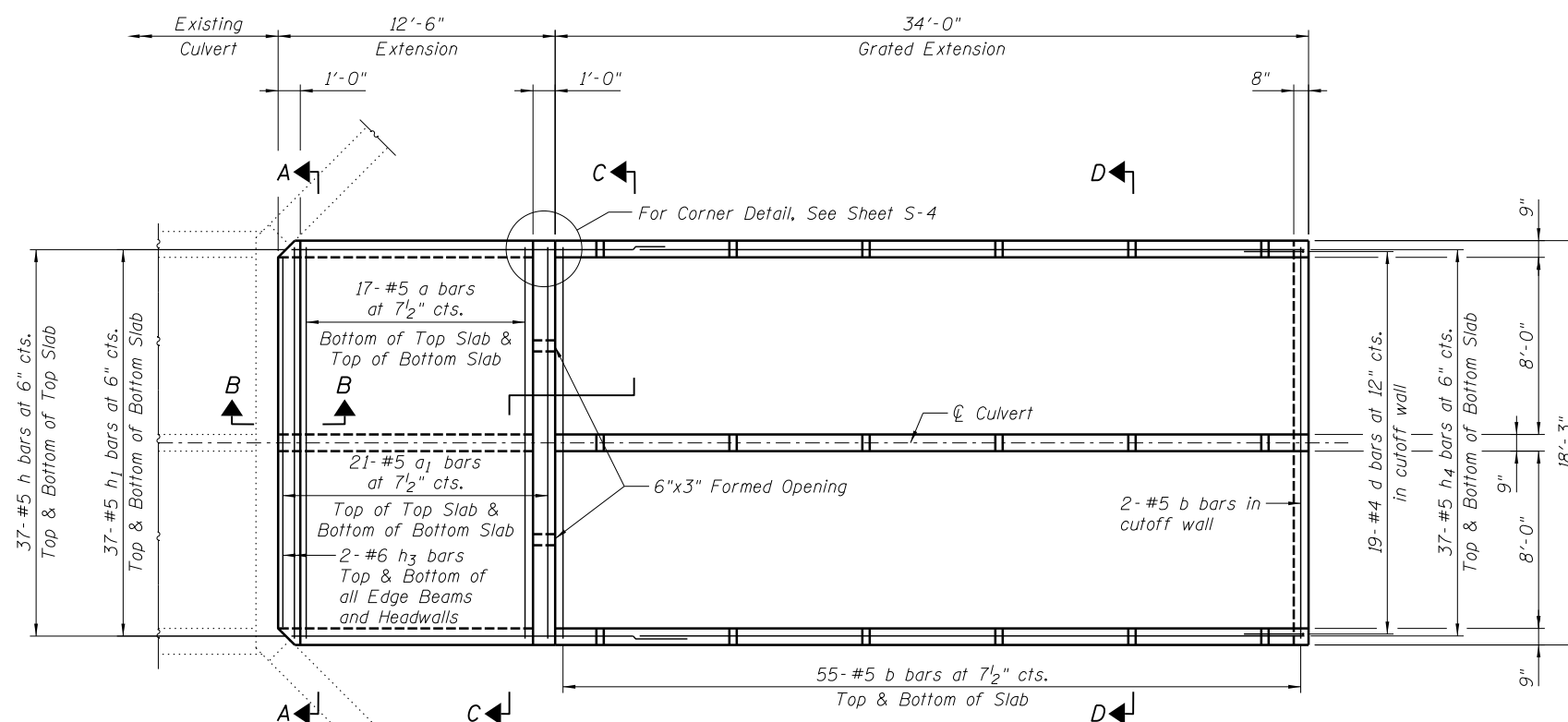
LONGITUDINAL SECTION

(South End Shown, North End Similar)



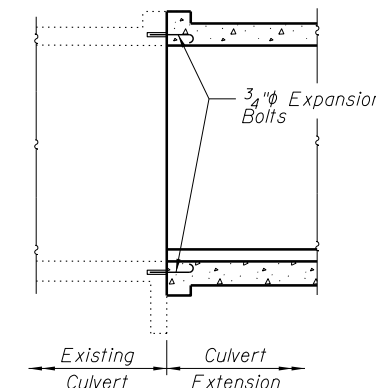
SECTION A-A

Note:
Expansion bolts shall be 3/4" hooked bolts.
Hooked bolts shall extend a minimum of 9" into new concrete.

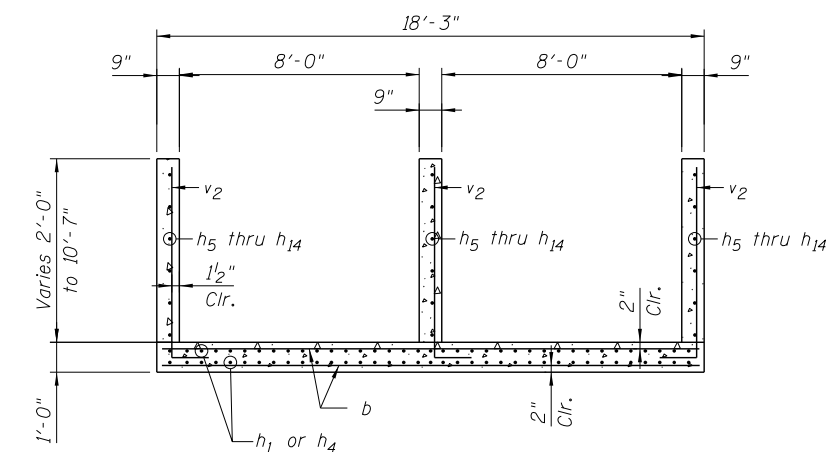


PLAN

(South End Shown, North End Similar)



SECTION B-B



SECTION D-D

MIN. BAR LAP
#5 Bar = 2'-2"

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CULVERT PLAN & SECTIONS
STRUCTURE NO. 047-2007**

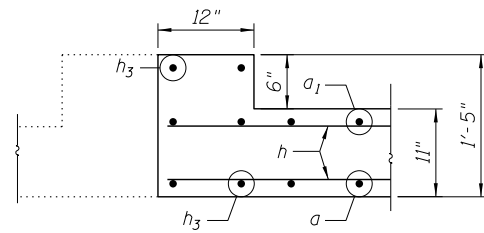
SHEET NO. S-3 OF S-6 SHEETS

| | | | | |
|---------------------------|---------|---------|--------------|-----------|
| F.A.U. R.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 379 | (118) N | KENDALL | | |
| CONTRACT NO. 66C33 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

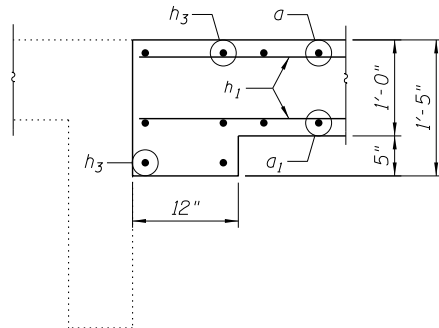
ZROKA engineering
Zroka Engineering, P.C.
4216 North Hermitage
Chicago, IL 60613

| | | |
|-----------------------------|----------------|-----------|
| USER NAME = SAW | DESIGNED - LAS | REVISED - |
| PLOT SCALE = 8.0000' / 1" = | CHECKED - DAZ | REVISED - |
| PLOT DATE = 12/11/2014 | DRAWN - SAW | REVISED - |
| | CHECKED - LAS | REVISED - |

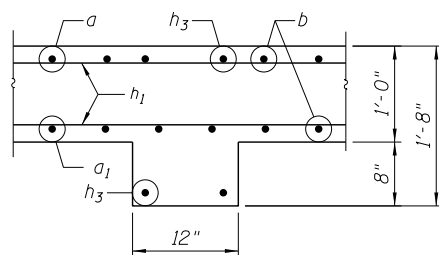
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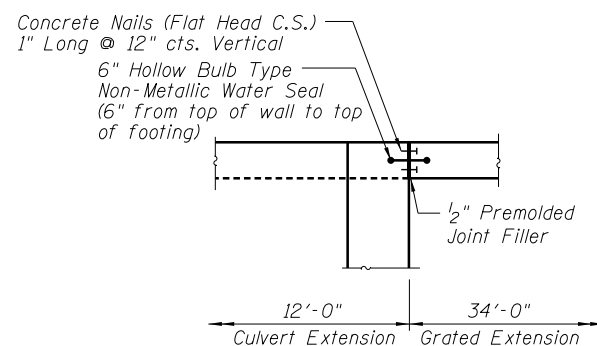
TOP EDGE BEAM AT EXISTING CULVERT



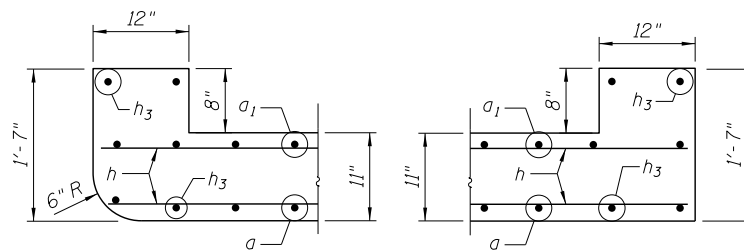
BOTTOM EDGE BEAM AT EXISTING CULVERT



BOTTOM EDGE BEAM AT GRATED EXTENSION



CORNER DETAIL

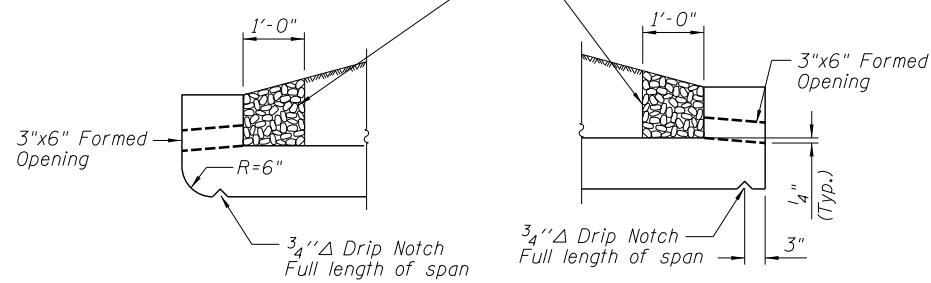


UPSTREAM

DOWNSTREAM

HEADWALL DETAILS

Coarse aggregate full length of both headwalls. To be placed by Grading Contractor. Cost included with Concrete Box Culverts.

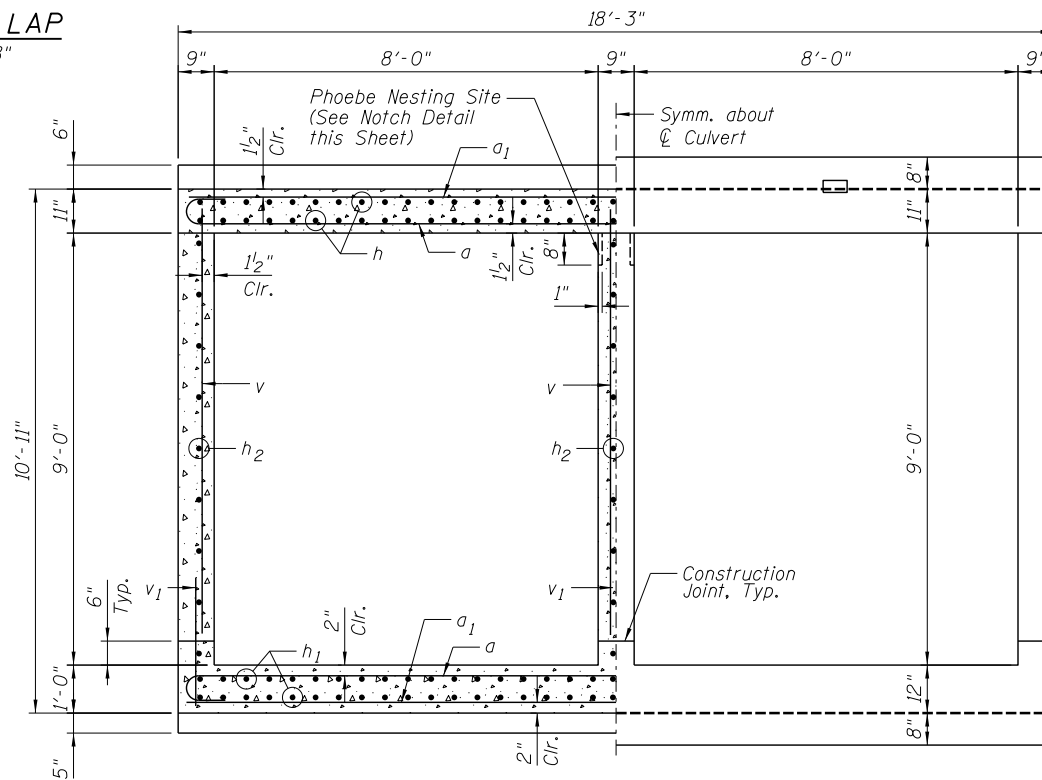


AT UPSTREAM END

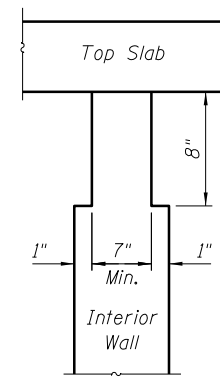
AT DOWNSTREAM END

DRAIN DETAIL

MINIMUM BAR LAP
#4 Bar = 1'-8"

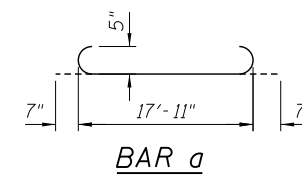


SECTION C-C

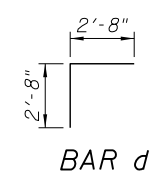


PHOEBE NESTING SITE NOTCH DETAIL

Note: Notch formed by rough-finished board attached to and removed with formwork. (Do not chamfer)



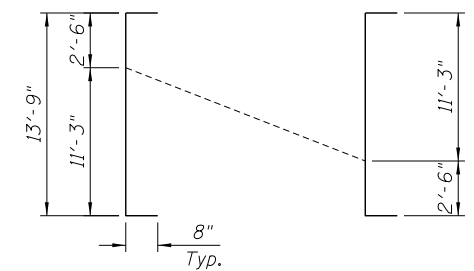
BAR a



BAR d

BILL OF MATERIAL
(2 Culvert & Grated Extensions)

| Bar | No. | Size | Length | Shape |
|--------------------------|-----|-------------|-----------------|-------|
| a | 68 | #5 | 19'-1" | U |
| a ₁ | 84 | #5 | 17'-11" | — |
| b | 224 | #5 | 17'-11" | — |
| d | 38 | #4 | 5'-4" | L |
| h | 148 | #5 | 12'-3" | — |
| h ₁ | 148 | #5 | 18'-4" | — |
| h ₂ | 54 | #6 | 12'-3" | — |
| h ₃ | 32 | #6 | 17'-11" | — |
| h ₄ | 148 | #5 | 30'-0" | — |
| h ₅ | 12 | #6 | 33'-8" | — |
| h ₆ | 6 | #6 | 31'-6" | — |
| h ₇ | 6 | #6 | 25'-6" | — |
| h ₈ | 6 | #6 | 25'-0" | — |
| h ₉ | 6 | #6 | 19'-6" | — |
| h ₁₀ | 6 | #6 | 13'-6" | — |
| h ₁₁ | 6 | #6 | 13'-0" | — |
| h ₁₂ | 6 | #6 | 7'-6" | — |
| h ₁₃ | 18 | #6 | 1'-6" | — |
| h ₁₄ | 30 | #6 | 5'-6" | — |
| v | 120 | #4 | 9'-1" | — |
| v ₁ | 120 | #4 | 3'-2" | — |
| v ₂ | 165 | #4 | 15'-1" | L |
| Item | | Unit | Quantity | |
| Concrete Box Culverts | | Cu. Yd. | 137.6 | |
| Reinforcement Bars | | Pound | 23,230 | |
| Expansion Bolts 3/4 Inch | | Each | 84 | |



BAR v₂ CUT DIAGRAM
(3 Thus)

FILE NAME = ...047-2007_56533_004_CulvertDetails.dgn



Zroka Engineering, P.C.
4216 North Hermitage
Chicago, IL 60613

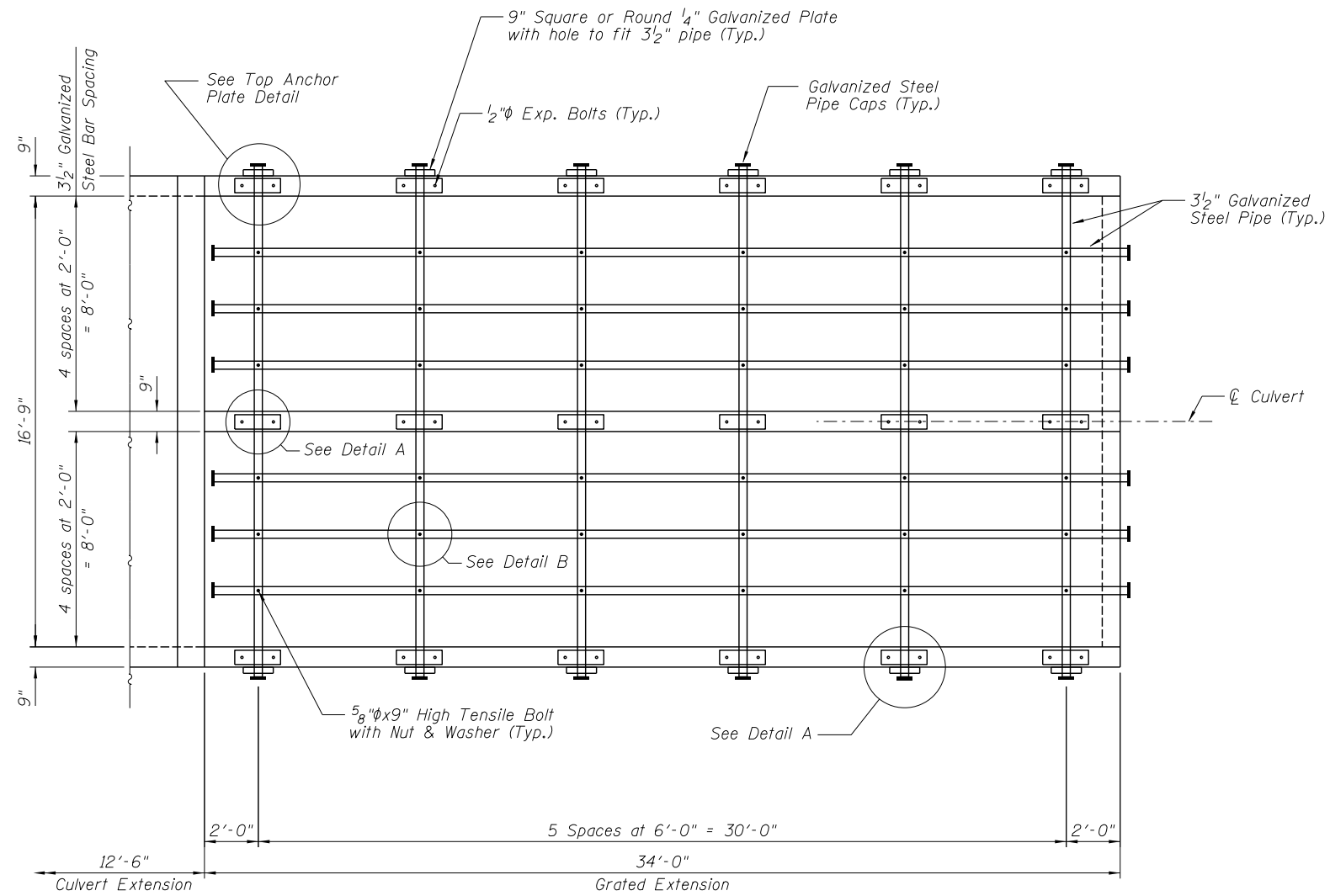
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| | CHECKED - DAZ | REVISED - |
| PLOT SCALE = 8.0000' / in. | DRAWN - SAW | REVISED - |
| PLOT DATE = 12/1/2014 | CHECKED - LAS | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

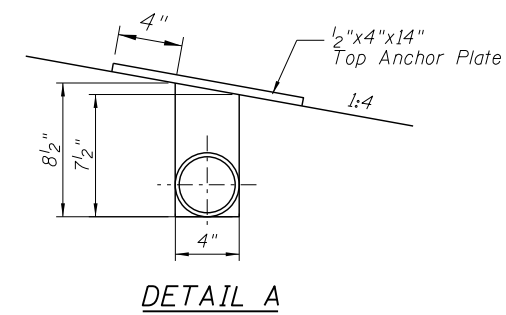
CULVERT DETAILS
STRUCTURE NO. 047-2007

SHEET NO. S-4 OF S-6 SHEETS

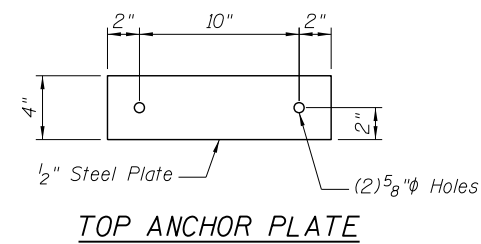
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|---------------------------|---------|---------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 379 | (118) N | KENDALL | | |
| CONTRACT NO. 66C33 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



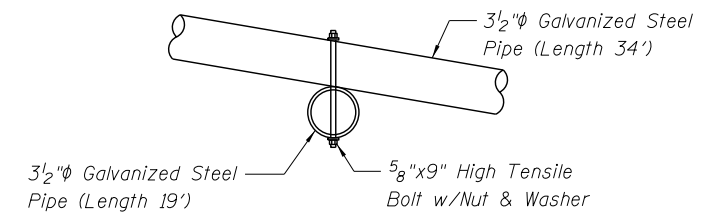
PLAN
(South End Shown, North End Similar)



DETAIL A



TOP ANCHOR PLATE



DETAIL B

FILE NAME = ...047-2007_66C33_005_GratedExtention.dgn



Zroka Engineering, P.C.
4216 North Hermitage
Chicago, IL 60613

| | | |
|----------------------------|----------------|-----------------|
| USER NAME = SAW | DESIGNED - LAS | REVISED - _____ |
| PLOT SCALE = 6.0000' / in. | CHECKED - DAZ | REVISED - _____ |
| PLOT DATE = 12/29/2014 | DRAWN - SAW | REVISED - _____ |
| | CHECKED - LAS | REVISED - _____ |

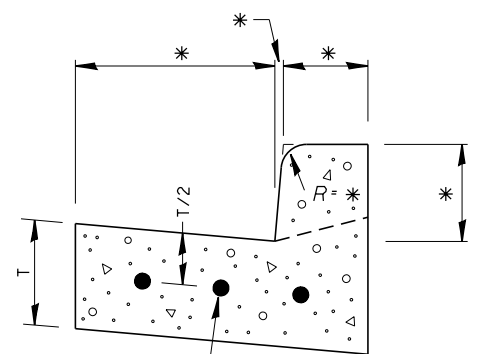
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GRATED EXTENSIONS
STRUCTURE NO. 047-2007**

SHEET NO. S-5 OF S-6 SHEETS

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|---------|--------------|-----------|
| 379 | (118) N | KENDALL | | |
| CONTRACT NO. 66C33 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

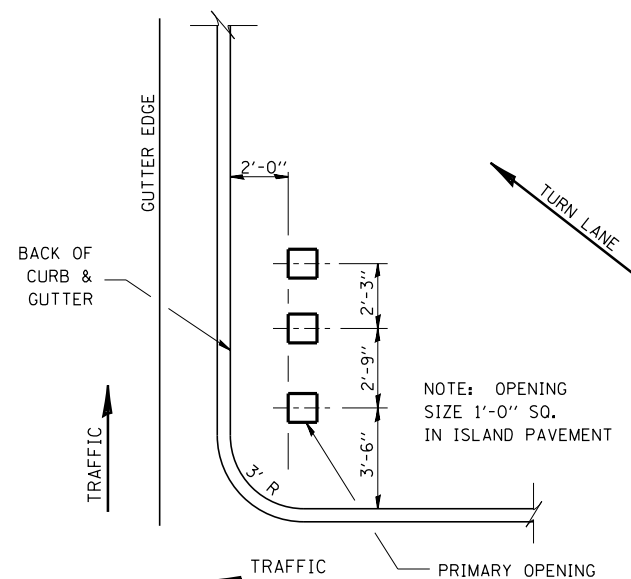
* VARIES - SEE STANDARD 606001



CONTINUOUSLY REINFORCED WITH 3 - #4 BARS EVENLY SPACED

REINFORCEMENT SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CC&G.

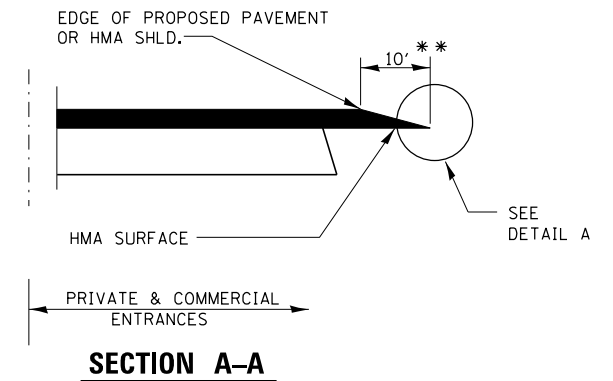
REINFORCEMENT DETAIL FOR COMBINATION CONCRETE CURB AND GUTTER



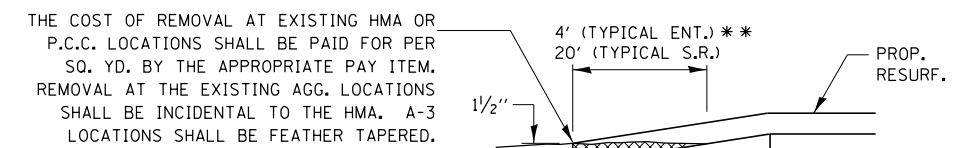
NOTE: OPENING SIZE 1'-0" SQ. IN ISLAND PAVEMENT

ISLAND SIGN POST SPACING DETAIL

NOTE: THE ENGINEER SHALL DETERMINE THE NUMBER OF OPENINGS REQUIRED.

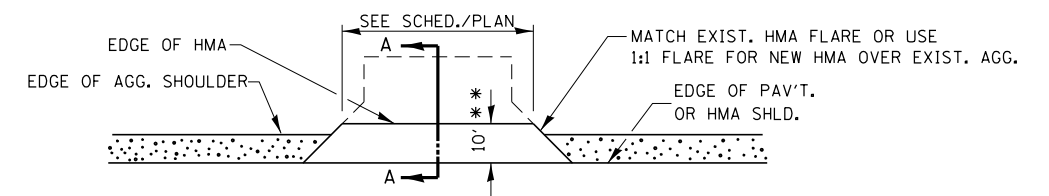


DETAILS AT ENTRANCES



DETAIL A

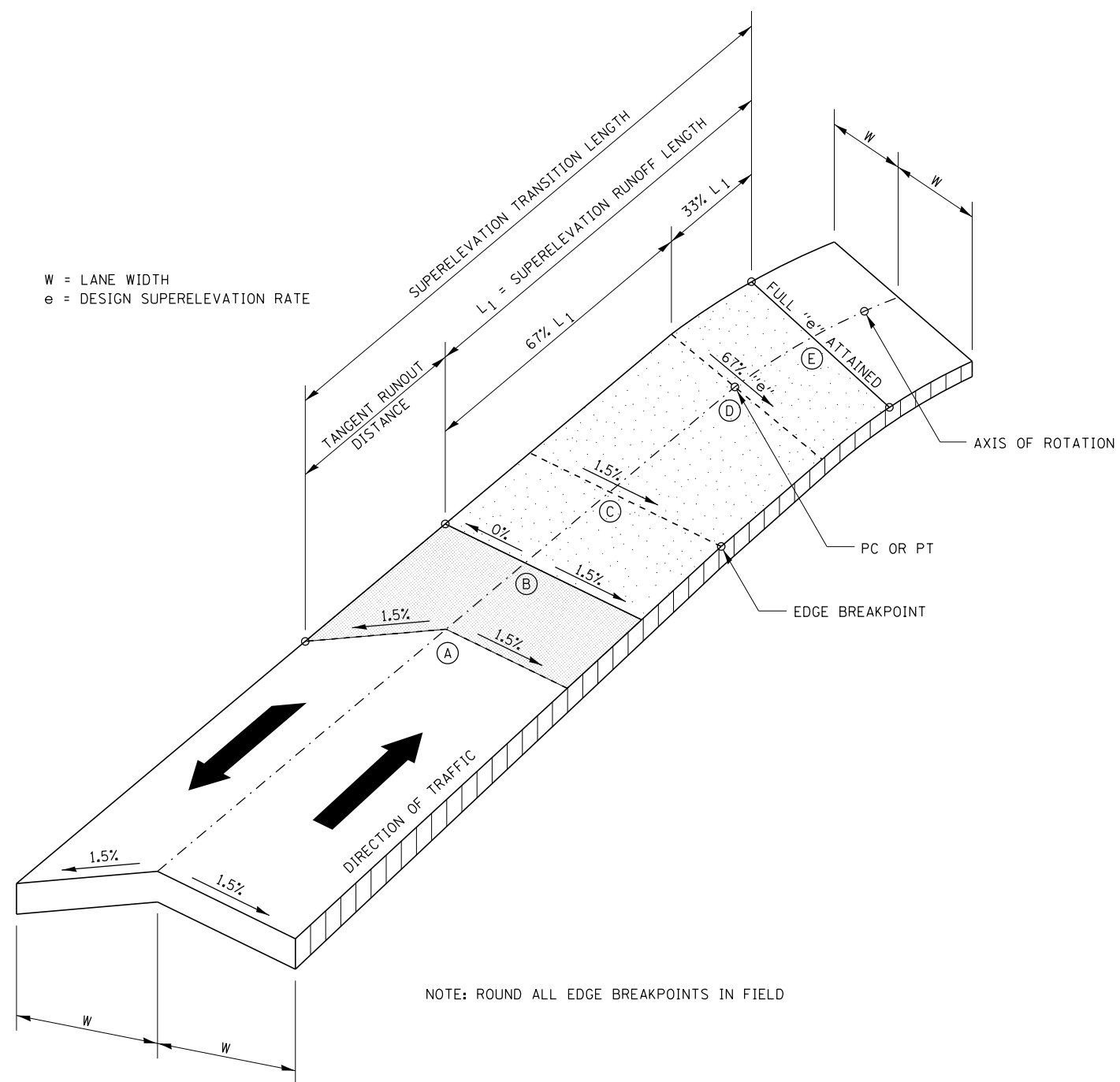
** PROPOSED HMA RESURFACING AT PUBLIC EDUCATIONAL FACILITY ENTRANCES SHALL BE EXTENDED TO THE RIGHT-OF-WAY LIMITS.



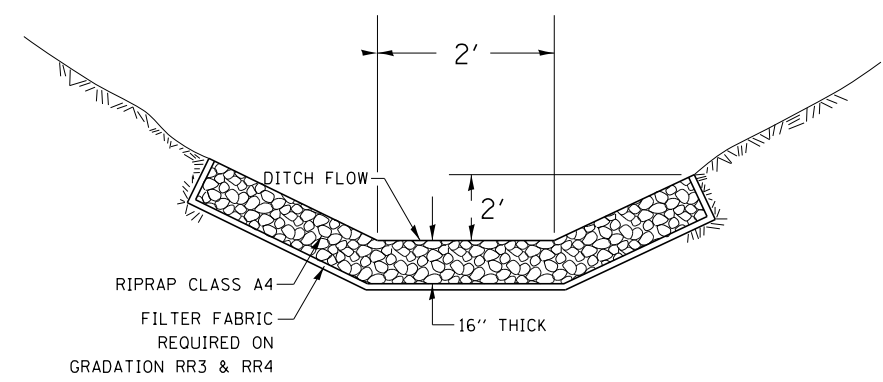
PLAN AT PRIVATE & COMMERCIAL ENTRANCES

(DO NOT RESURFACE FIELD ENTRANCES)

| | | | | | | | | | | |
|--------------------------------------------------------|------------------------|------------|-----------|-----------------------------------------------------------|----------------|---------------------------|-----------------|--------------|--------------|-----------|
| FILE NAME = | USER NAME = fergusonse | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DETAILS | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| c:\pwork\pwork\fergusonse\d0304548\066C33-sht-plan.dgn | | DRAWN - | REVISED - | | | 379 | (118)N | KENDALL | 31 | 25 |
| PLOT SCALE = 100.0000' / 1in. | | CHECKED - | REVISED - | | | CONTRACT NO. 66C33 | | | | |
| PLOT DATE = 12/23/2014 | | DATE - | REVISED - | | | ILLINOIS FED. AID PROJECT | | | | |
| | | | | | | SCALE: | SHEET OF SHEETS | STA. TO STA. | | |



W = LANE WIDTH
e = DESIGN SUPERELEVATION RATE



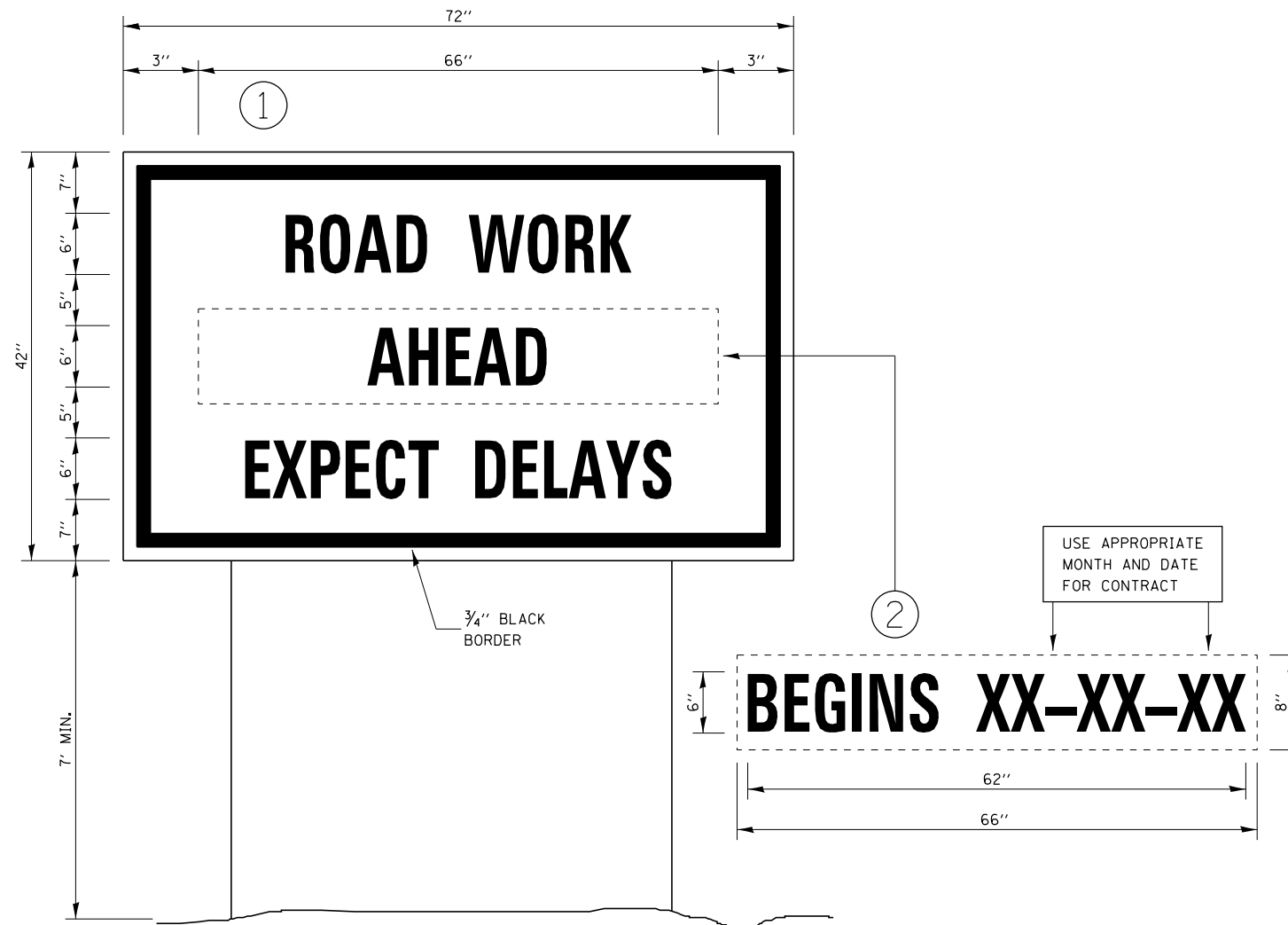
THIS WORK SHALL BE DONE ACCORDING TO SECTION 283

AGGREGATE DITCH FOR FLEXIBLE DITCH LINING

TRANSITION CURVE TABLE

| CURVE PI STA. | SUPERELEVATION "e" | W | SUPERELEVATION RUNOFF LENGTH | TANGENT RUNOUT DISTANCE | SUPERELEVATION TRANSITION LENGTH |
|---------------|--------------------|-------|------------------------------|-------------------------|----------------------------------|
| 404+03.52 | 3.0% | 12.0' | 76.5' | 39.5' | 116 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

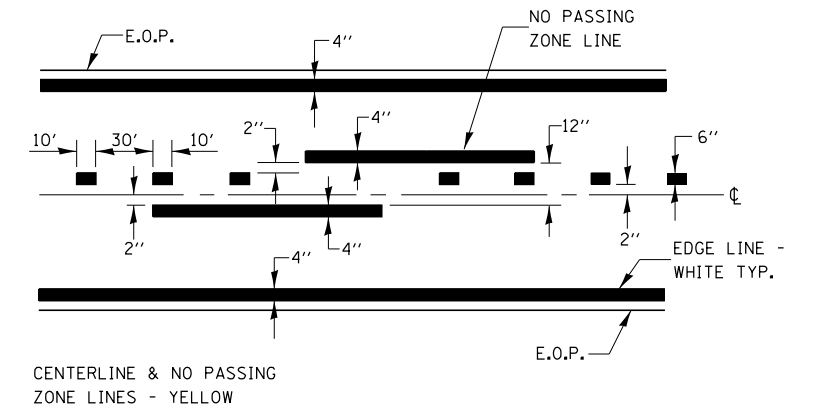
SUPERELEVATION TRANSITION ON TWO-LANE HIGHWAY



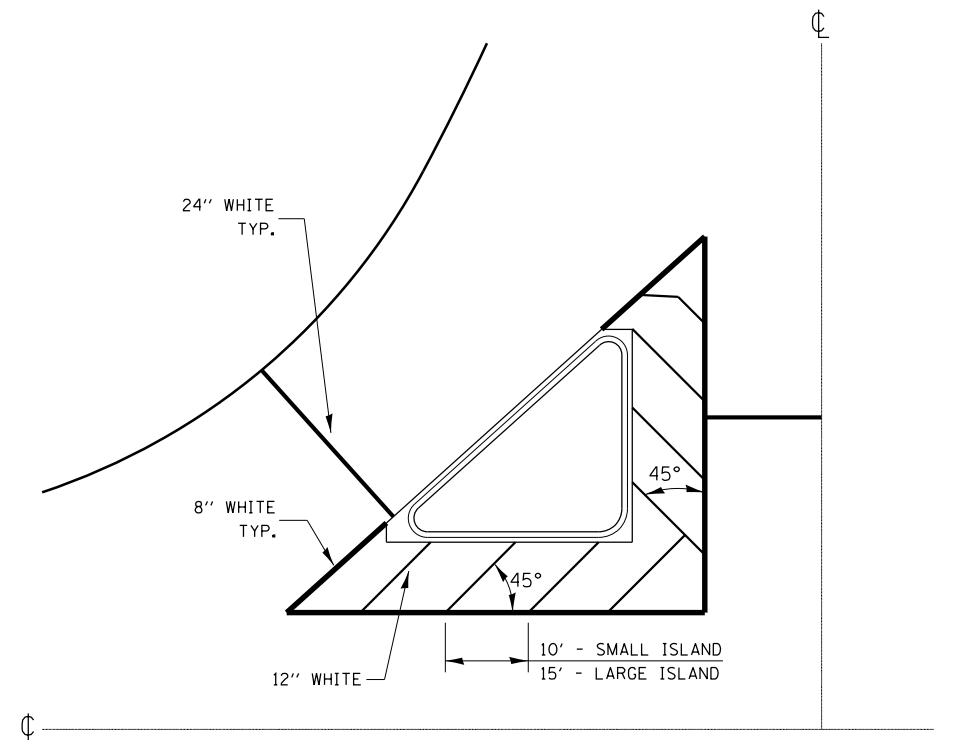
TEMPORARY INFORMATION SIGNING

NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.



PAVEMENT MARKING

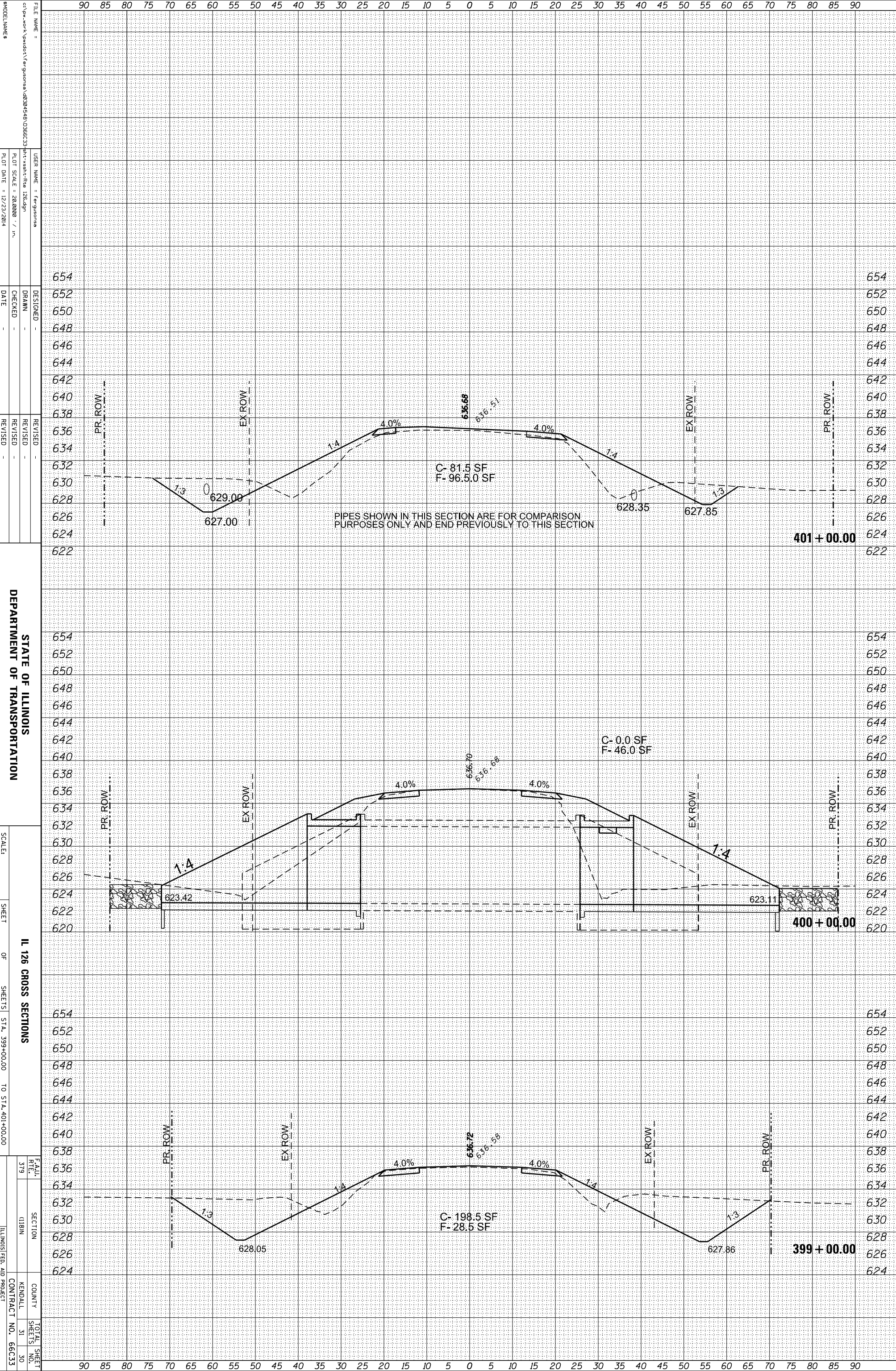


TYPICAL ISLAND

| | | | | | | | | | | |
|------------------------------------------------------------|------------------------|------------|---------------------------|-----------------------------------------------------------|----------------|-------------|---------|--------|--------------|-----------|
| FILE NAME = | USER NAME = fergusonse | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | DETAILS | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| ei:\pw_work\pwidot\fergusonse\d0304548\066C33-sht-plan.dgn | DRAWN - | REVISED - | 379 | | | (118)N | KENDALL | 31 | 27 | |
| PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - | CONTRACT NO. 66C33 | | | | | | | |
| PLOT DATE = 12/23/2014 | DATE - | REVISED - | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | | | | SCALE: | SHEET | OF | SHEETS | STA. | TO STA. |

| | | | |
|-----------------|---------------|----|------|
| ORIGINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| | | | |
|--------------|---------------|----|------|
| FINAL SURVEY | SURVEYED | BY | DATE |
| NOTE BOOK | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |



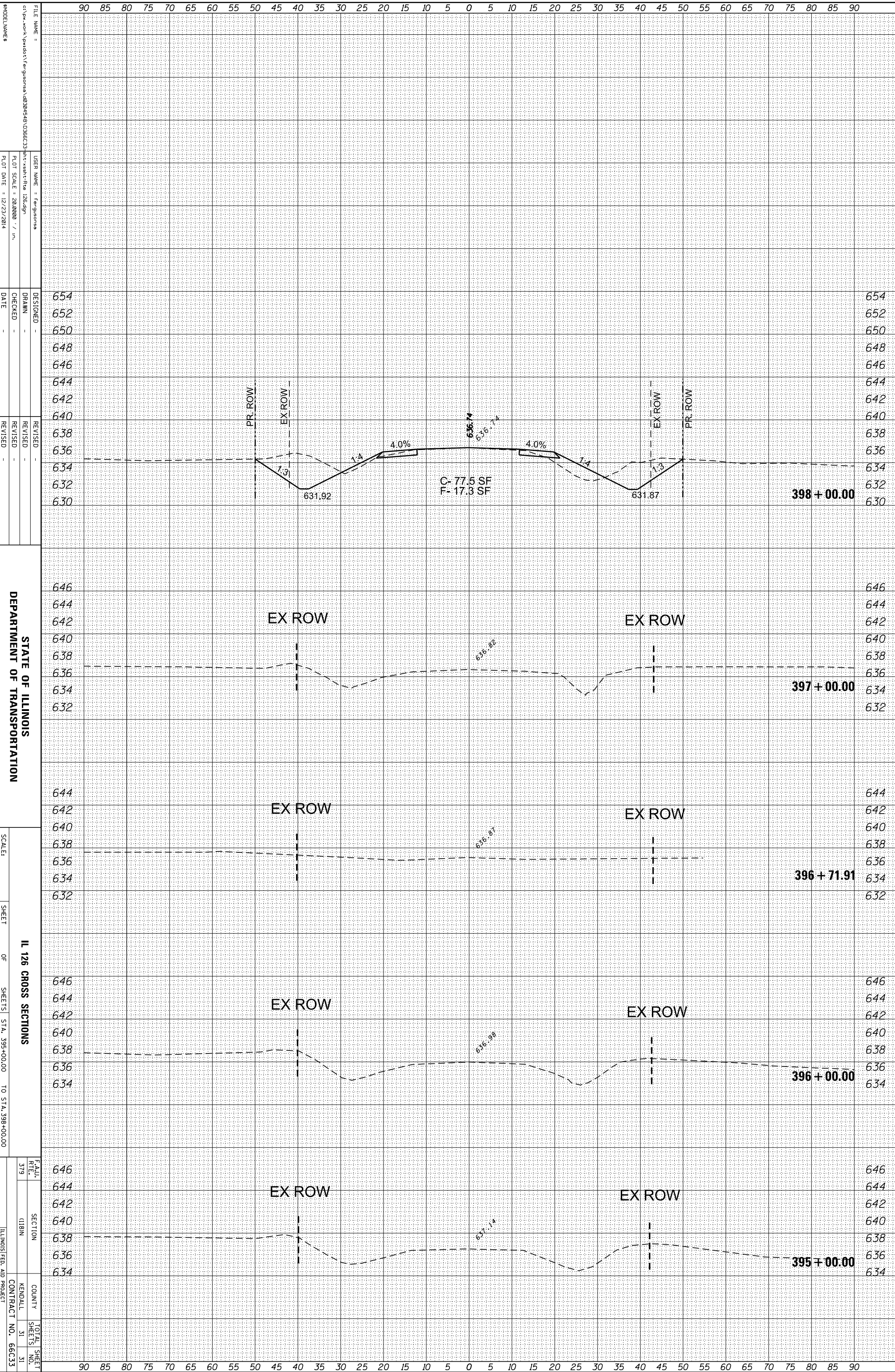
PIPES SHOWN IN THIS SECTION ARE FOR COMPARISON PURPOSES ONLY AND END PREVIOUSLY TO THIS SECTION

FILE NAME:
 USER NAME:
 DESIGNER:
 DRAWN:
 CHECKED:
 DATE:
 REVISIONS:
 REVISION:
 DATE:
 SCALE:
 SHEET:
 OF:
 SHEETS:
 STA. 399+00.00 TO STA. 401+00.00
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 IL 126 CROSS SECTIONS
 COUNTY:
 KENNALL
 CONTRACT NO.:
 66C33
 TOTAL SHEETS:
 31
 SHEET NO.:
 30

90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90
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|-----------------|---------------------|----------|------------|
| ORIGINAL SURVEY | SURVEYED _____ | BY _____ | DATE _____ |
| NOTE BOOK | PLOTTED _____ | | |
| | TEMPLATE _____ | | |
| | AREAS _____ | | |
| | AREAS CHECKED _____ | | |

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|--------------|---------------------|----------|------------|
| FINAL SURVEY | SURVEYED _____ | BY _____ | DATE _____ |
| NOTE BOOK | PLOTTED _____ | | |
| | TEMPLATE _____ | | |
| | AREAS _____ | | |
| | AREAS CHECKED _____ | | |



FILE NAME = c:\pwwork\pwwork\ferguson\126\126.dgn
 USER NAME = Ferguson
 PLOT SCALE = 28.0000 / in.
 PLOT DATE = 12/23/2014

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISOR -
 REVISION -
 REVISION -
 REVISION -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: _____

SHEET _____ OF _____ SHEETS

IL 126 CROSS SECTIONS

SECTION _____

COUNTY _____

KENDALL CONTRACT NO. 66C33

TOTAL SHEET NO. 31