06-14-2019 LETTING ITEM 132

| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 1 |
| FEDERAL AID PROJECT | ILLINOIS | CONTRACT NO. 91755 | | |

# STATE OF ILLINOIS
# DEPARTMENT OF TRANSPORTATION

# PLANS FOR PROPOSED ILLINOIS TRANSPORTATION ENHANCEMENT PROGRAM

## ROUTE OLD US 66 (FAS 1488)
## SECTION 17–00001–05–BT
## PROJECT NO. RZFE (083)
## MCLEAN COUNTY
## JOB NUMBER C–95–096–18
## TYPE OF IMPROVEMENT – BIKEWAY
## FUNDING – ITEP

SEE SHEET 2 FOR
INDEX OF SHEETS AND
LIST OF ILLINOIS DOT HIGHWAY STANDARDS

**UTILITY CONTACTS:**

**UTILITY TYPE:**
ELECTRIC
CORN BELT ENERGY CORP.
ATTN: ENGINEERING DEPT.
PHONE: (309) 662–5330

**UTILITY TYPE:**
ELECTRIC
AMEREN IP (NORTH)
ATTN: MARTIN FULLER
PHONE: (618) 236–6281

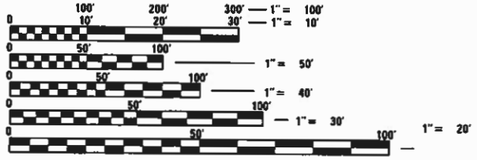
**UTILITY TYPE:**
COMMUNICATIONS
STATE OF ILLINOIS
ATTN: JERRY PICKETT
PHONE: (217) 836–9593 (CELL)

**UTILITY TYPE:**
COMMUNICATIONS
LEVEL 3 COMMUNICATIONS
ATTN: NETWORK RELOCATIONS
PHONE: (877) 366–8342 X2

**UTILITY TYPE:**
TELEPHONE
FRONTIER COMMUNICATIONS (NORTH)
ATTN: KALIN HINSHAW
PHONE: (815) 895–1515

**UTILITY TYPE:**
COMMUNICATIONS
NICOR SPRINT
ATTN: JAMES BURTON
PHONE: (708) 955–6659 (CELL)

**UTILITY TYPE:**
COMMUNICATIONS
METRO COMMUNICATIONS CO.
ATTN: JASON KOONCE
PHONE: (217) 728–3605



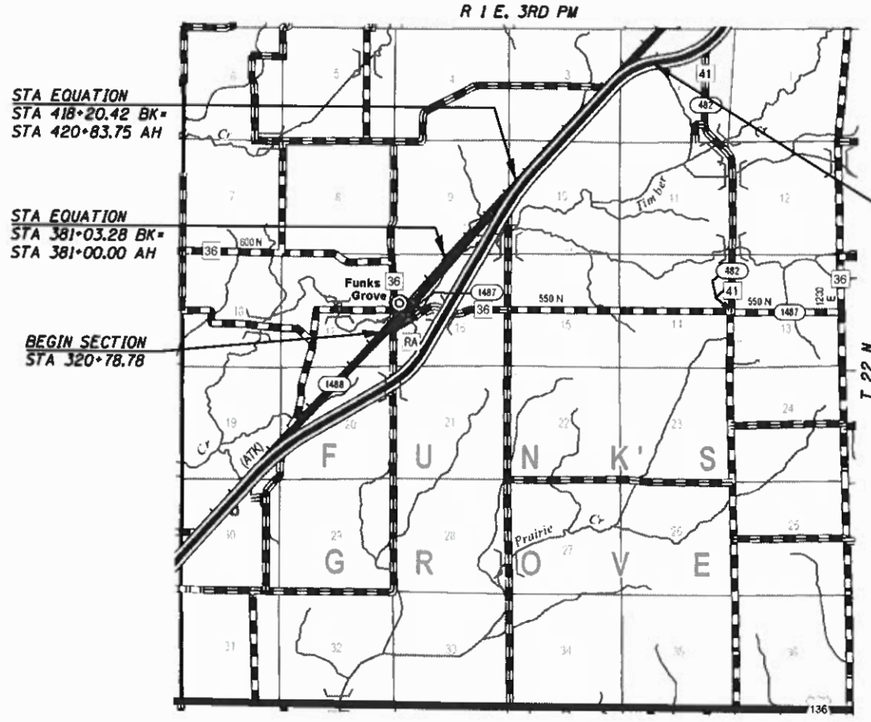

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CEC Cummins Engineering Corporation
Civil and Structural Engineering

**CONTRACT NO. 91755**

R I E, 3RD PM




SCALE IN MILES
GROSS LENGTH OF SECTION = 17,986.31 FEET = 3.406 MILES
NET LENGTH OF SECTION = 17,835.66 FEET = 3.377 MILES

FUNCTIONAL CLASSIFICATION - BIKE PATH
DESIGN DESIGNATION ADT - < 100
DESIGN SPEED - 20 MPH




LOCATION OF SECTION INDICATED THUS: –

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED APRIL 8TH, 19

Jerry Stither
MCLEAN COUNTY ENGINEER

PASSED APRIL 11, 19

DISTRICT FIVE ENGINEER OF LOCAL ROADS AND STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW April 11, 19

REGION THREE ENGINEER

KIMBERLY S. CUMMINS
56816
REGISTERED PROFESSIONAL ENGINEER
OF
ILLINOIS

4-5-19

ILLINOIS PROFESSIONAL NO. 56816
(Expires 11/30/19)

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

## INDEX OF SHEETS


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|---|---|
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| 2. | INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES |
| 3.-5. | SUMMARY OF QUANTITIES |
| 6.-7. | TYPICAL CROSS SECTIONS |
| 8.-13. | SCHEDULES OF QUANTITIES |
| 14.-16. | ALIGNMENT AND BENCH MARKS |
| 17.-30. | PLAN AND PROFILE |
| 31.-37. | EROSION CONTROL PLAN |
| 38.-39. | PARKING LOT DETAILS |
| 40.-43. | INTERSECTIONS |
| 44. | BOLLARD DETAILS |
| 45. | INTERSECTION DETAILS |
| 46. | TIMBER BRIDGE APPROACH RAILING DETAILS |
| 47. | DISABLED PARKING DETAILS |
| 48. | CONCRETE COLLAR |
| 49. | CHAIN LINK FENCE DETAILS |
| 50.-53. | CULVERT EXTENSIONS DETAILS |
| 54.-58. | MAINLINE BRIDGE |
| 59.-63. | SPUR BRIDGE |
| 64.-134. | CROSS SECTIONS |


## LIST OF ILLINOIS DOT HIGHWAY STANDARDS

| | |
|---|---|
| 000001-07 | STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS |
| 001001-02 | AREAS OF REINFORCEMENT BARS |
| 280001-07 | TEMPORARY EROSION CONTROL SYSTEMS |
| 515001-03 | NAME PLATE FOR BRIDGES |
| 542301-03 | PRECAST REINFORCED CONCRETE FLARED END SECTION |
| 542401-03 | METAL FLARED END SECTION FOR PIPE CULVERTS |
| 542406-03 | METAL FLARED END SECTION FOR PIPE ARCHES |
| 664001-02 | CHAIN LINK FENCE |
| 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 |
| 701201-05 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH |
| 701306-04 | 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 |
| 701901-08 | TRAFFIC CONTROL DEVICES |
| 720001-01 | SIGN PANEL MOUNTING DETAILS |
| 720006-04 | SIGN PANEL ERECTION DETAILS |
| 720011-01 | METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS |
| 728001-01 | TELESCOPING STEEL SIGN SUPPORT |
| 729001-01 | APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS) |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |

## APPLICATION RATES USED IN QUANTITY CALCULATIONS

| | |
|---|---|
| GRANULAR MATERIALS | 2.05 TONS/CU YD |
| FERTILIZER NUTRIENTS | 90 LBS/ACRE |
| TEMPORARY EROSION CONTROL SEEDING | 100 LBS/ACRE |
| HOT-MIX ASPHALT | 112 LBS/1" THICK |

## GENERAL NOTES

1. THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED APRIL 1, 2016, THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, AND THE SPECIAL PROVISIONS INCLUDED IN THESE PLANS
2. ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE EDITION, AS INDICATED BY THE SUB-NUMBER, LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
3. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER OR AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
4. THE AREA TO BE SEEDED SHALL CONSIST OF ALL DISTURBED EARTH SURFACES WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS WILL BE SEEDED AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR 'S EXPENSE. TEMPORARY EROSION CONTROL SEEDING SHALL BE DONE ACCORDING TO THE PLANS AND SPECIFICATIONS.
5. ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
6. IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE CONSIDERED DIFFERING SITE CONDITIONS.
7. THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, ELECTRIC POWER LINES, TELEPHONE LINES, AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES, MUNICIPALITIES AND FIELD INSPECTION. SEE STANDARD SPECIFICATIONS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO ANY UTILITY LINES AND EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED AS A RESULT OF THE WORK.
9. THE THICKNESS OF HOT-MIX ASPHALT MIXTURES 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 HOT-MIX ASPHALT MIXTURE IS PLACED.
10. EXCAVATION IN GRAVEL OR OIL AND CHIP ROADWAY SHALL BE PAID FOR AS EARTH EXCAVATION.
11. ACCESS TO ENTRANCES SHALL BE MAINTAINED AT ALL TIMES.
12. SAW CUTS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED I IN THE COST FOR THE ITEM BEING REMOVED, IF NECESSARY IN ORDER TO CREATE A CLEAN JOINT FOR CONSTRUCTION OF THE PROPOSED ITEMS.
13. THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF PIPE CULVERTS BEFORE ORDERING THESE ITEMS.
14. LAYOUT OF EROSION CONTROL ITEMS MAY BE VARIED IN THE FIELD TO SUIT GROUND CONDITIONS AS DIRECTED BY THE ENGINEER.
15. MIXTURE REQUIREMENTS:
    THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

| LOCATION(S): | MAIN TRAIL, SPUR, PARKING LOT | |
|---|---|---|
| MIXTURE USE(S): | F.G. LEVEL BINDER | SURFACE |
| AC/PG: | PG 64-22 | PG 64-22 |
| DESIGN AIR VOIDS: | 4.0% @ N DESIGN = 50 | 4.0% @ N DESIGN = 50 |
| MIXTURE COMPOSITION: (GRADATION MIXTURE) | IL 9.5 F.G. | IL 9.5 |
| FRICTION AGGREGATE: | N.A. | MIX "C" |
| MIXTURE WEIGHT: | 112 | 112 |
| QUALITY MANAGEMENT PROGRAM: | QC/QA | QC/QA |
| SUBLOT SIZE: | N.A. | N.A. |

16. AS NECESSARY, THE CONTRACTOR, AS HIS OWN EXPENSE, SHALL BE REQUIRED AS DIRECTED BY THE ENGINEER TO RELOCATE OR TO REMOVE AND REINSTALL ALL ROAD SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET SUCH SIGNS DURING CONSTRUCTION.
17. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
    I. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK DEMANDS.
    II. EVERY SIGN REMOVED MUST BE RE-ELECTED AT A TEMPORARY LOCATION IN WORKMENLIKE MANNER AND BE VISIBLE TO ROADWAY TRAFFIC.
18. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND NEAT FOR THE DURATION OF THE TEMPORARY SETTING.
19. THERE SHALL BE NO ACTIVITY ON THE RAILROAD RIGHT OF WAY DURING THE CONSTRUCTION OF THIS PROJECT.

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FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-gen_notes.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

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|---|---|---|---|
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| FILE NAME = 2562-sht-gen_notes.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 100.0000 ' / In. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 10/19/2019 | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES**

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 2 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| SUMMARY OF QUANTITIES | | | CONSTRUCTION TYPE CODE 0028 |
|---|---|---|---|
| CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
| 20200100 | EARTH EXCAVATION | CU YD | 3,865 |
| 20400800 | FURNISHED EXCAVATION | CU YD | 3,080 |
| 20800150 | TRENCH BACKFILL | CU YD | 16 |
| 21101615 | TOPSOIL FURNISH AND PLACE,4" | SQ YD | 35,598 |
| 25000200 | SEEDING, CLASS2 | ACRE | 7.50 |
| 25000400 | NITROGEN FERTILIZER NUTRIENT | POUND | 663 |
| 25000500 | PHOSPHORUS FERTILIZER NUTRIENT | POUND | 663 |
| 25000600 | POTASSIUM FERTILIZER NUTRIENT | POUND | 663 |
| 25100115 | MULCH, METHOD 2 | ACRE | 7.50 |
| 28000250 | TEMPORARY EROSION CONTROL SEEDING | POUND | 737 |
| 28000305 | TEMPORARY DITCH CHECKS | FOOT | 40 |
| 28000400 | PERIMETER EROSION BARRIER | FOOT | 25,837 |
| 28000500 | INLET AND PIPE PROTECTION | EACH | 8 |
| 28100107 | STONE RIPRAP, CLASS A4 | SQ YD | 99 |

* SEE SPECIAL PROVISIONS

| SUMMARY OF QUANTITIES | | | CONSTRUCTION TYPE CODE 0028 |
|---|---|---|---|
| CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
| 35100100 | AGGREGATE BASE COURSE, TYPE A | TON | 10,869 |
| 40200100 | AGGREGATE SURFACE COURSE, TYPE A | TON | 452 |
| 40300200 | BITUMINOUS MATERIALS (PRIME COAT) | TON | 5.4 |
| 40300400 | BITUMINOUS MATERIALS (COVER AND SEAL COATS) | TON | 11.7 |
| 40300500 | COVER COAT AGGREGATE | TON | 52 |
| 40300600 | SEAL COAT AGGREGATE | TON | 41 |
| 40600275 | BITUMINOUS MATERIALS (PRIME COAT) | POUND | 47,373 |
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 4,604 |
| 40600627 | LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50 | TON | 1,760 |
| 40603310 | HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 | TON | 1,723 |
| 42400300 | PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH | SQ FT | 567 |
| 42400800 | DETECTABLE WARNINGS | SQ FT | 183 |
| 44000100 | PAVEMENT REMOVAL | SQ YD | 304 |
| 48101200 | AGGREGATE SHOULDERS, TYPE B | TON | 1,308 |

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Civil and Structural Engineering

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| PLOT DATE = 4/8/2019 | DATE - 10/15/2018 | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**SUMMARY OF QUANTITIES**

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 3 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS | FED. AID PROJECT | | |

| SUMMARY OF QUANTITIES | | | CONSTRUCTION TYPE CODE 0028 |
|---|---|---|---|
| CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
| 50104400 | CONCRETE HEADWALL REMOVAL | EACH | 1 |
| 50200100 | STRUCTURE EXCAVATION | CU YD | 5 |
| 50300225 | CONCRETE STRUCTURES | CU YD | 47.2 |
| 50300300 | PROTECTIVE COAT | SQ YD | 70 |
| 50301350 | CONCRETE SUPERSTRUCTURE (APPROACH SLAB) | CU YD | 23.6 |
| 50800105 | REINFORCEMENT BARS | POUND | 3,730 |
| 50800205 | REINFORCEMENT BARS, EPOXY COATED | POUND | 8,280 |
| 51200957 | FURNISHING METAL SHELL PILES 12" X 0.250" | FOOT | 200 |
| 51202305 | DRIVING PILES | FOOT | 200 |
| 51203200 | TEST PILE METAL SHELLS | EACH | 4 |
| 52100520 | ANCHOR BOLTS, 1" | EACH | 16 |
| 54001001 | BOX CULVERT END SECTIONS, CULVERT NO. 1 | EACH | 1 |
| 54001002 | BOX CULVERT END SECTIONS, CULVERT NO. 2 | EACH | 1 |
| 54002020 | EXPANSION BOLTS 3/4 INCH | EACH | 61 |

* SEE SPECIAL PROVISIONS

| | SUMMARY OF QUANTITIES | | | CONSTRUCTION TYPE CODE 0028 |
|---|---|---|---|---|
| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
| | 54003000 | CONCRETE BOX CULVERTS | CU YD | 13.8 |
| | 54010403 | PRECAST CONCRETE BOX CULVERTS 4' X 3' | FOOT | 12 |
| | 542D0223 | PIPE CULVERTS, CLASS D, TYPE 1 18" | FOOT | 102 |
| | 542D5473 | PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE18" | FOOT | 488 |
| | 54213660 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15" | EACH | 1 |
| | 54248510 | CONCRETE COLLAR | CU YD | 0.6 |
| * | 54261718 | STEEL FLARED END SECTIONS 18" | EACH | 6 |
| * | 54261818 | STEEL FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18" | EACH | 8 |
| | 58600101 | GRANULAR BACKFILL FOR STRUCTURES | CU YD | 64 |
| | 58700300 | CONCRETE SEALER | SQ FT | 972 |
| | 67100100 | MOBILIZATION | L SUM | 1 |
| △ | 72000100 | SIGN PANEL - TYPE 1 | SQ FT | 173 |
| △ | 72800100 | TELESCOPING STEEL SIGN SUPPORT | FOOT | 564 |
| △ | 78000100 | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS | SQ FT | 151 |

△ SPECIALTY ITEMS

MODEL: LMODELNAME
FILE NAME: $FILES

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB # 2562 | DESIGNED - NAK | REVISED - | |
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| PLOT SCALE = $SCALES | CHECKED - NAK | REVISED - | |
| PLOT DATE = $DATES | DATE - 10/19/2019 | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**SUMMARY OF QUANTITIES**

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

| | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 4 |
| | | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | | |

## SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE 0028

| | CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
|---|---|---|---|---|
| △ | 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 990 |
| △ | 78000600 | THERMOPLASTIC PAVEMENT MARKING - LINE 12" | FOOT | 260 |
| △ | 78000650 | THERMOPLASTIC PAVEMENT MARKING - LINE 24" | FOOT | 40 |
| * | X0300010 | BITUMINOUS MATERIALS (FOG SEAL) | POUND | 4,856 |
| * | X0322508 | PEDESTRIAN TRUSS SUPERSTRUCTURE | SQ FT | 3,850 |
| * | X0323991 | SURFACE MOUNT LANE SEPARATOR | FOOT | 69 |
| * | X0350805 | FOLD DOWN BOLLARDS | EACH | 16 |
| △ * | X6640535 | CHAIN LINK FENCE, 6' ATTACHED TO STRUCTURE | FOOT | 20 |
| △ * | X6640560 | CHAIN LINK FENCE,6' (SPECIAL) | FOOT | 20 |
| * | X7010216 | TRAFFIC CONTROL AND PROTECTION, (SPECIAL) | L SUM | 1 |
| △ * | XX008340 | TIMBER BRIDGE APPROACH RAILING | FOOT | 160 |
| * | Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 |
| # | Z0076600 | TRAINEES | HOUR | 1,000 |
| # | Z0076604 | TRAINEES TRAINING PROGRAM GRADUATE | HOUR | 1,000 |

* SEE SPECIAL PROVISIONS △ SPECIALTY ITEMS #0042

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Civil and Structural Engineering

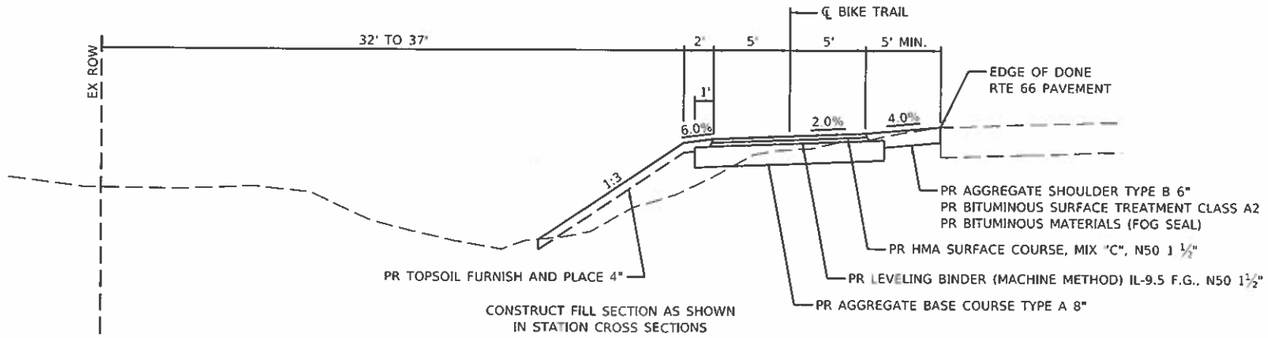
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| PLOT SCALE = $SCALE$ | CHECKED - NAK | REVISED - | |
| PLOT DATE = $DATE$ | DATE - 10/19/2018 | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**SUMMARY OF QUANTITIES**

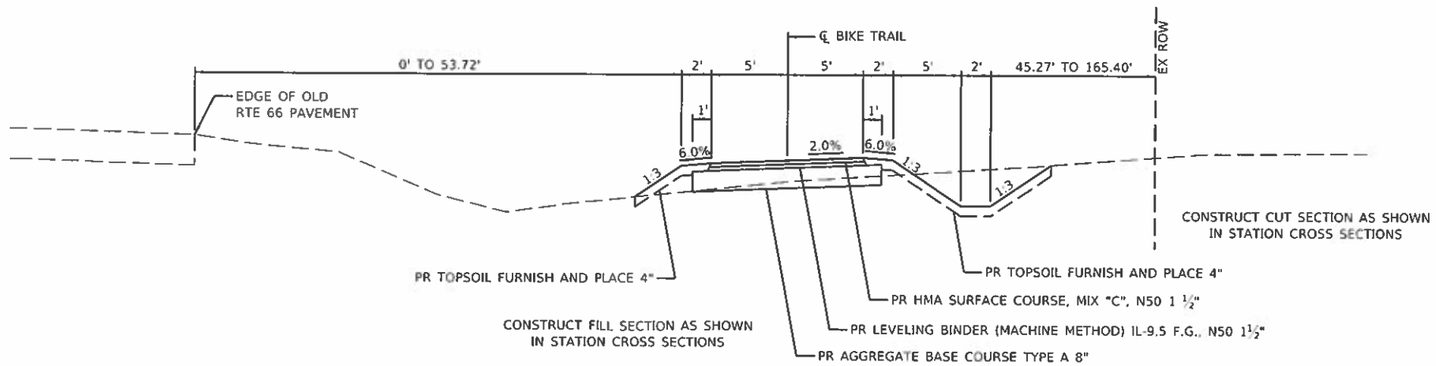
SCALE: | SHEET OF SHEETS | STA. | TO STA.

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 17-00001-05-BT | MCLEAN | 134 | 5 |
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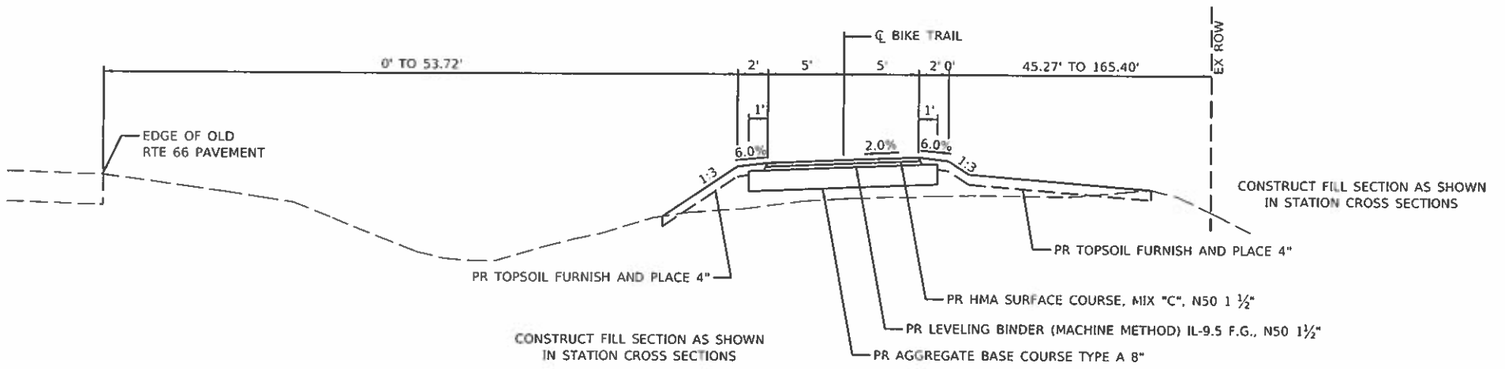

## PROPOSED TYPICAL CROSS SECTION-MAIN TRAIL

STA. 421+03.84 TO STA. 484+87.05
STA. 485+85.73 TO STA. 499+72.63




## PROPOSED TYPICAL CROSS SECTION-MAIN TRAIL

STA. 322+00.77 TO STA. 324+75.00
STA. 340+75.00 TO STA. 344+75.00
STA. 349+75.00 TO STA. 353+75.00
STA. 355+25.00 TO STA. 360+25.00
STA. 374+75.00 TO STA. 377+00.00
STA. 384+25.00 TO STA. 384+75.00
STA. 396+25.00 TO STA. 406+25.00
STA. 410+25.00 TO STA. 418+02.06
STA. 500+07.14 TO STA. 500+61.81




## PROPOSED TYPICAL CROSS SECTION-MAIN TRAIL

STA. 324+75.00 TO STA. 333+72.73
STA. 335+50.06 TO STA. 340+75.00
STA. 344+75.00 TO STA. 349+75.00
STA. 353+75.00 TO STA. 355+25.00
STA. 360+25.00 TO STA. 374+75.00
STA. 377+00.00 TO STA. 384+25.00
STA. 384+75.00 TO STA. 396+25.00
STA. 406+25.00 TO STA. 410+75.00

### SUGGESTED SEQUENCE OF OPERATIONS
### STA. 421+03.84 TO STA. 499+72.64

1. CORE OUT SHOULDER 4 FOOT WIDE WITH A MILLING MACHINE AND PLACE AGGREGATE SHOULDER ON THE SAME DAY.
2. PLACE BARRICADES ON AGGREGATE SHOULDER AS SHOWN ON STANDARD 701326.
3. CONSTRUCT AGGREGATE BASE COURSE.
4. PLACE LEVELING BINDER AND HMA SURFACE COURSE.
5. CONSTRUCT REMAINING AGGREGATE SHOULDER.
6. CONSTRUCT A2 SURFACE TREATMENT.

## OMISSIONS

BRIDGE APPROACH PAVEMENT
STA. 333+72.73 TO STA. 333+85.73
STA. 335+37.06 TO STA. 335+50.06

PEDESTRIAN TRUSS SUPERSTRUCTURE
STA. 333+85.73 TO STA. 335+37.06

PCC SIDEWALK 6 INCH
STA. 341+74.06 TO STA. 341+79.68
STA. 342+05.98 TO STA. 342+11.13
STA. 418+02.06 TO STA. 418+07.50
STA. 420+96.67 TO STA. 421+03.84
STA. 484+87.05 TO STA. 484+99.34
STA. 485+73.06 TO STA. 485+85.73
STA. 499+72.63 TO STA. 499+77.13
STA. 500+01.93 TO STA. 500+07.14

CH 36
STA. 341+79.68 TO STA. 342+05.98

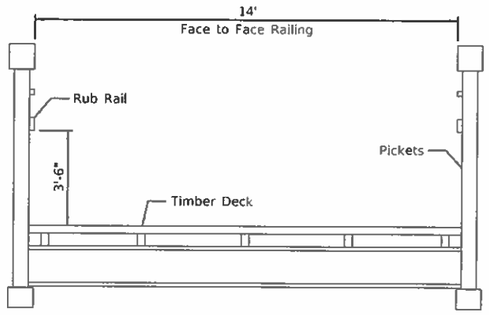
OLD RTE 66
STA. 418+07.50 TO STA. 420+96.67
STA. 499+77.13 TO STA. 500+01.93

8750N
STA. 484+99.34 TO STA. 485+73.06

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-typical.dgn

| | | | | |
|---|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2562 | DESIGNED - NAK | REVISED - | MCLEAN COUNTY RTE 66 BIKE TRAIL |
| | FILE NAME = 2562-sht-typical.dgn | DRAWN - SJS | REVISED - | TYPICAL CROSS SECTIONS |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - NAK | REVISED - | SCALE: SHEET OF SHEETS STA. TO STA. |
| | PLOT DATE = 4/8/2019 | DATE - 10/19/2019 | REVISED - | |

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 6 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |



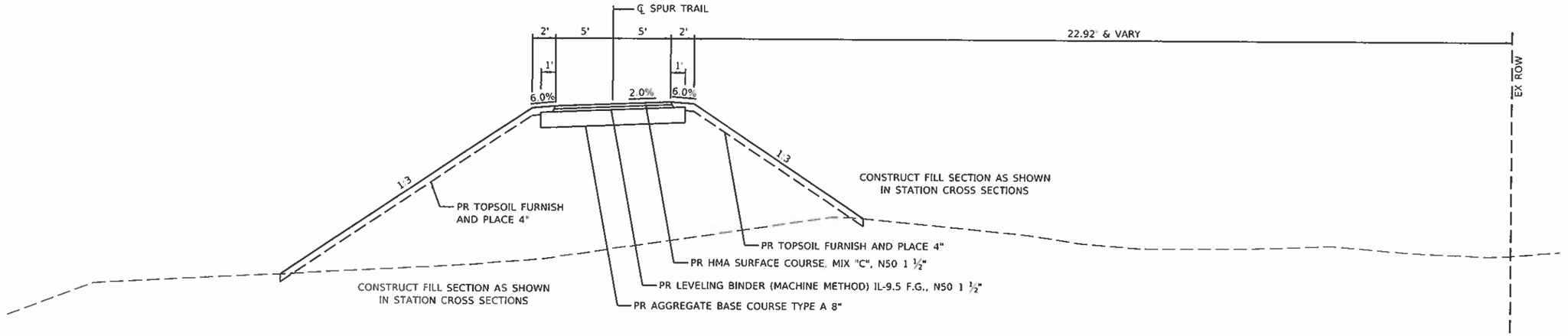

## PEDESTRIAN TRUSS SUPERSTRUCTURE
## TYPICAL CROSS SECTION

MAIN TRAIL STA. 333+85.73 TO STA. 335+37.06
SPUR STA. 9+73.33 TO STA. 11+01.67

## OMISSIONS

BRIDGE APPROACH PAVEMENT
STA. 9+61.11 TO STA. 9+74.33
STA. 11+00.67 TO STA. 11+13.33

PEDESTRIAN TRUSS SUPERSTRUCTURE
STA. 9+74.33 TO STA. 11+00.67




## PROPOSED TYPICAL CROSS SECTION-SPUR TRAIL

STA 7+80.00 TO STA 9+60.33
STA 11+14.67 TO STA 11+70+49

MODEL: Default
FILE NAME: H:\2562 Mclean County Rt. 66 Bike Trail\CADD\Sheets\2562-sht-typical.dgn

| | | | | |
|---|---|---|---|---|
| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2562 | DESIGNED - NAK | REVISED - | MCLEAN COUNTY<br>RTE 66 BIKE TRAIL |
| | FILE NAME = 2562-sht-typical.dgn | DRAWN - SJS | REVISED - | |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - NAK | REVISED - | |
| | PLOT DATE = 4/8/2019 | DATE - 10/19/2019 | REVISED - | |

TYPICAL CROSS SECTIONS

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 7 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

EARTHWORK

| LOCATION | | 20200100 EXCAVATION | EXCAVATION ADJUSTED FOR SHRINKAGE | EMBANKMENT | 20400800 EARTHWORK BALANCE WASTE () OR SHORTAGE (-) |
|---|---|---|---|---|---|
| | | | | | |
| STA 320+78.78 | TO STA 333+84.71 | 195 | 150 | 685 | -535 |
| STA 335+38.04 | TO STA 341+74.06 | 245 | 185 | 100 | 85 |
| STA 342+11.13 | TO STA 418+00.00 | 1,725 | 1,295 | 2,220 | -925 |
| STA 420+96.67 | TO STA 485+00.16 | 1,325 | 995 | 1,840 | -845 |
| STA 485+72.05 | TO STA 499+77.14 | 280 | 210 | 735 | -525 |
| STA 500+01.92 | TO STA 500+61.82 | 15 | 15 | 5 | 10 |
| | | | | | |
| SPUR | | | | | |
| STA 7+80.00 | TO STA 9+73.00 | 25 | 20 | 270 | -250 |
| STA 11+02.00 | TO STA 11+63.53 | 55 | 45 | 140 | -95 |
| TOTAL | | 3,865 | 2,915 | 5,995 | -3,080 |

SHRINKAGE = 25%

SEEDING

| LOCATION | | 25000200 SEEDING, CLASS 2 | 25000400 NITROGEN FERTILIZER NUTRIENT | 25000500 PHOSPHORUS FERTILIZER NUTRIENT | 25000600 POTASSIUM FERTILIZER NUTRIENT | 25100115 MULCH, METHOD 2 |
|---|---|---|---|---|---|---|
| | | ACRE | POUND | POUND | POUND | ACRE |
| LT STA 321+10.00 | TO STA 333+96.00 | 0.26 | 23.40 | 23.40 | 23.40 | 0.26 |
| LT STA 335+38.00 | TO STA 341+79.00 | 0.10 | 9.00 | 9.00 | 9.00 | 0.10 |
| LT STA 342+06.00 | TO STA 377+08.00 | 0.56 | 50.40 | 50.40 | 50.40 | 0.56 |
| LT STA 377+38.00 | TO STA 397+14.00 | 0.30 | 27.00 | 27.00 | 27.00 | 0.30 |
| LT STA 397+26.00 | TO STA 418+05.00 | 0.27 | 24.30 | 24.30 | 24.30 | 0.27 |
| LT STA 420+92.00 | TO STA 485+05.00 | 2.19 | 197.10 | 197.10 | 197.10 | 2.19 |
| LT STA 485+64.00 | TO STA 499+71.00 | 0.61 | 54.90 | 54.90 | 54.90 | 0.61 |
| LT STA 500+00.00 | TO STA 500+80.00 | 0.01 | 0.90 | 0.90 | 0.90 | 0.01 |
| RT STA 320+70.00 | TO STA 333+85.00 | 0.32 | 28.80 | 28.80 | 28.80 | 0.32 |
| RT STA 335+38.00 | TO STA 341+79.00 | 0.16 | 14.40 | 14.40 | 14.40 | 0.16 |
| RT STA 342+06.00 | TO STA 376+30.00 | 1.29 | 116.10 | 116.10 | 116.10 | 1.29 |
| RT STA 376+40.00 | TO STA 397+14.00 | 0.70 | 63.00 | 63.00 | 63.00 | 0.70 |
| RT STA 397+26.00 | TO STA 418+10.00 | 0.53 | 47.70 | 47.70 | 47.70 | 0.53 |
| RT STA 500+00.00 | TO STA 505+56.00 | 0.01 | 0.90 | 0.90 | 0.90 | 0.01 |
| | | | | | | |
| SPUR TRAIL | | | | | | |
| LT STA 7+80.00 | TO STA 9+75.00 | 0.03 | 2.70 | 2.70 | 2.70 | 0.03 |
| RT STA 7+80.00 | TO STA 9+75.00 | 0.03 | 2.70 | 2.70 | 2.70 | 0.03 |
| TOTAL | | 7.37 | 663.30 | 663.30 | 663.30 | 7.37 |
| USE | | 7.50 | 663 | 663 | 663 | 7.50 |

44000100 PAVEMENT REMOVAL

| LOCATION | | QUANTITY SQ YD |
|---|---|---|
| SPUR | | |
| STA 7+80.00 | TO STA 9+31.39 | 303.6 |
| TOTAL | | 304 |

PIPE CULVERTS

| LOCATION | 54213660 PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15" | 50104400 CONCRETE HEADWALL REMOVAL | 542D0223 PIPE CULVERTS, CLASS D, TYPE 1 18" | 542D5473 PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE18" | 54261718 STEEL FLARED END SECTIONS 18" | 54261818 STEEL FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18" | 20800150 TRENCH BACKFILL |
|---|---|---|---|---|---|---|---|
| | EACH | EACH | FOOT | FOOT | EACH | EACH | CU YD |
| LT STA 320+98.90 | | | | 54 | 2 | | 4.85 |
| STA 342+30.31 | | | | 20 | | 2 | 1.14 |
| STA 359+96.65 | | | | 30 | | 2 | 0.84 |
| STA 375+00.00 | | | 36 | | 2 | | 4.81 |
| LT STA 377+05.50 | | | | 410 | | 2 | 2.44 |
| STA 384+41.38 | | | 34 | | 2 | | 2.92 |
| | | | | | | | |
| STA 411+86.43 | | | 32 | | 2 | | 1.76 |
| LT STA 497+86.00 | 1 | 1 | | | | | |
| RT STA 500+23.50 | | | | 28 | | 2 | 2.45 |
| TOTAL | 1 | 1 | 102 | 488 | 6 | 8 | 16.36 |
| USE | | | | | | | 16 |

CULVERT EXTENSIONS

| LOCATION | 54010403 PRECAST CONCRETE BOX CULVERTS 4' X 3' | 54001001 BOX CULVERT END SECTIONS, CULVERT NO. 1 | 54001002 BOX CULVERT END SECTIONS, CULVERT NO. 2 | 54002020 EXPANSION BOLTS 3/4 INCH | 54248510 CONCRETE COLLAR | 50800105 REINFORCEMENT BARS | 54003000 CONCRETE BOX CULVERTS |
|---|---|---|---|---|---|---|---|
| | FOOT | EACH | EACH | EACH | CU YD | POUND | CU YD |
| LT STA 423+16.00 | 6 | 1 | | 16 | 0.3 | 135 | |
| LT STA 436+76.50 | | | | 29 | | 3,460 | 13.8 |
| LT STA 491+35.00 | 6 | | 1 | 16 | 0.3 | 135 | |
| TOTAL | 12 | 1 | 1 | 61 | 0.6 | 3,730 | 13.8 |

21101615 TOPSOIL FURNISH AND PLACE,4"

| LOCATION | | SQ YD |
|---|---|---|
| LT STA 321+10.00 | TO STA 333+96.00 | 1,260.00 |
| LT STA 335+38.00 | TO STA 341+79.00 | 488.89 |
| LT STA 342+06.00 | TO STA 377+08.00 | 2,688.89 |
| LT STA 377+38.00 | TO STA 397+14.00 | 1,457.78 |
| LT STA 397+26.00 | TO STA 418+05.00 | 1,322.22 |
| LT STA 420+92.00 | TO STA 485+05.00 | 10,578.89 |
| LT STA 485+64.00 | TO STA 499+71.00 | 2,952.22 |
| LT STA 500+00.00 | TO STA 500+80.00 | 44.44 |
| RT STA 320+70.00 | TO STA 333+85.00 | 1,545.56 |
| RT STA 335+38.00 | TO STA 341+79.00 | 777.78 |
| RT STA 342+06.00 | TO STA 376+30.00 | 6,228.89 |
| RT STA 376+40.00 | TO STA 397+14.00 | 3,395.56 |
| RT STA 397+26.00 | TO STA 418+10.00 | 2,541.11 |
| RT STA 500+00.00 | TO STA 505+56.00 | 63.33 |
| | | |
| SPUR TRAIL | | |
| LT STA 7+80.00 | TO STA 9+75.00 | 124.44 |
| RT STA 7+80.00 | TO STA 9+75.00 | 127.78 |
| TOTAL | | 35,597.78 |
| USE | | 35,598 |

EROSION CONTROL

| LOCATION | 28000250 TEMPORARY EROSION CONTROL SEEDING | 28000305 TEMPORARY DITCH CHECKS | 28000400 PERIMETER EROSION BARRIER | 28000500 INLET AND PIPE PROTECTION |
|---|---|---|---|---|
| | POUND | FOOT | FOOT | EACH |
| MAIN TRAIL | | | | |
| LT STA 321+10.00 TO STA 333+96.00 | 26 | | | |
| LT STA 335+38.00 TO STA 341+79.00 | 10 | | | |
| LT STA 342+06.00 TO STA 377+08.00 | 56 | | | |
| LT STA 377+38.00 TO STA 397+14.00 | 30 | | | |
| LT STA 397+26.00 TO STA 418+05.00 | 27 | | | |
| LT STA 420+92.00 TO STA 485+05.00 | 219 | | | |
| LT STA 485+64.00 TO STA 499+71.00 | 61 | | | |
| LT STA 500+00.00 TO STA 500+80.00 | 1 | | | |
| LT STA 321+22.00 TO STA 333+99.00 | | | 1,354 | |
| LT STA 321+26.00 | | | | 1 |
| LT STA 335+37.00 TO STA 341+84.00 | | | 658 | |
| LT STA 342+05.00 TO STA 377+00.00 | | | 3,517 | |
| LT STA 342+30.31 | | | | 1 |
| LT STA 359+96.65 | | | | 1 |
| LT STA 375+00.00 | | | | 1 |
| LT STA 377+43.00 TO STA 397+16.00 | | | 1,987 | |
| LT STA 379+09.00 | | | | 1 |
| LT STA 384+41.40 | | | | 1 |
| LT STA 397+44.00 TO STA 418+08.00 | | | 2,073 | |
| LT STA 411+91.00 | | | | 1 |
| LT STA 420+95.00 TO STA 485+05.00 | | | 6,364 | |
| LT STA 485+68.00 TO STA 499+79.00 | | | 1,441 | |
| LT STA 500+00.00 TO STA 500+81.00 | | | 64 | |
| LT STA 500+27.00 | | | | 1 |
| RT STA 320+78.00 TO STA 333+89.00 | | | 1,424 | |
| RT STA 320+70.00 TO STA 333+85.00 | 32 | | | |
| RT STA 335+38.00 TO STA 341+79.00 | 16 | | | |
| RT STA 342+06.00 TO STA 376+30.00 | 129 | | | |
| RT STA 376+40.00 TO STA 397+14.00 | 70 | | | |
| RT STA 397+26.00 TO STA 418+10.00 | 53 | | | |
| RT STA 500+00.00 TO STA 505+56.00 | 1 | | | |
| RT STA 335+37.00 TO STA 341+74.00 | | | 646 | |
| RT STA 342+03.00 TO STA 342+30.00 | | | 47 | |
| RT STA 345+55.00 TO STA 375+51.00 | | | 3,020 | |
| RT STA 375+25.00 | | 8 | | |
| RT STA 376+72.00 TO STA 397+16.00 | | | 2,192 | |
| RT STA 397+33.00 | | 8 | | |
| RT STA 406+58.00 TO STA 411+82.00 | | | 535 | |
| RT STA 411+93.00 | | 8 | | |
| RT STA 417+51.00 TO STA 418+13.00 | | | 70 | |
| RT STA 500+00.00 TO STA 500+46.00 | | | 52 | |
| | | | | |
| SPUR TRAIL | | | | |
| LT STA 7+80.00 TO STA 9+75.00 | 3 | | 185 | |
| RT STA 7+80.00 TO STA 9+75.00 | 3 | | 208 | |
| LT STA 11+25.00 | | 8 | | |
| RT STA 11+25.00 | | 8 | | |
| TOTAL | 737 | 40 | 25,837 | 8 |

35101100 AGGREGATE BASE COURSE, TYPE A

| LOCATION | | TON |
|---|---|---|
| MAIN TRAIL | | |
| STA 322+00.77 | TO STA 333+72.73 | 711.86 |
| STA 335+37.06 | TO STA 341+74.06 | 386.92 |
| STA 342+11.13 | TO STA 381+03.28 | 2,364.12 |
| STA 381+00.00 | TO STA 418+02.06 | 2,248.66 |
| STA 421+03.84 | TO STA 484+87.06 | 3,877.22 |
| STA 485+85.73 | TO STA 499+72.64 | 842.42 |
| STA 500+07.15 | TO STA 500+61.81 | 33.20 |
| | | |
| CONNECTOR TRAIL | | |
| STA 7+80.00 | TO STA 9+60.33 | 109.53 |
| STA 11+14.67 | TO STA 11+70.49 | 33.91 |
| | | |
| PARKING LOT | | |
| STA 376+98.28 | TO STA 377+48.28 | 33.88 |
| STA 377+08.28 | TO STA 378+15.28 | 227.47 |
| TOTAL | | 10,869.19 |
| USE | | 10,869 |

40200100 AGGREGATE SURFACE COURSE, TYPE A

| LOCATION | | TON |
|---|---|---|
| PARKING LOT - LOT A | | |
| STA 320+80.78 | TO STA 322+00.78 | 452.37 |
| TOTAL | | 452.37 |
| USE | | 452 |

MODEL: Default
FILE NAME: N:\2562 Mclean County Rt 66 Bike Trail\CAD\Sheets\2562-sht-Schedules.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2562
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PLOT SCALE = 20.0000 ' / In.
PLOT DATE = 4/8/2019

DESIGNED - NAK
DRAWN - SJS
CHECKED - NAK
DATE - 10/19/2019

REVISED -
REVISED -
REVISED -
REVISED -

MCLEAN COUNTY
RTE 66 BIKE TRAIL

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 9 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

40600627 LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50

| LOCATION | | THICKNESS | TON |
|---|---|---|---|
| MAIN TRAIL | | | |
| STA 322+00.77 | TO STA 333+72.73 | 1.5" | 114.85 |
| STA 335+37.06 | TO STA 341+74.06 | 1.5" | 62.43 |
| STA 342+11.13 | TO STA 381+03.28 | 1.5" | 381.43 |
| STA 381+00.00 | TO STA 418+02.06 | 1.5" | 362.80 |
| STA 421+03.84 | TO STA 484+87.05 | 1.5" | 625.55 |
| STA 485+85.73 | TO STA 499+72.63 | 1.5" | 135.92 |
| STA 500+07.14 | TO STA 500+61.81 | | |
| | | | |
| CONNECTOR TRAIL | | | |
| STA 7+80.00 | TO STA 9+60.33 | 1.5" | 17.67 |
| STA 11+14.67 | TO STA 11+70.49 | 1.5" | 5.47 |
| | | | |
| PARKING LOT | | | |
| STA 376+98.28 | TO STA 377+48.28 | 2.0" | 10.34 |
| STA 377+08.28 | TO STA 378+15.28 | 2.0" | 43.12 |
| TOTAL | | | 1,759.58 |
| USE | | | 1,760 |

40600275 BITUMINOUS MATERIALS (PRIME COAT)

| LOCATION | | RATE LB/SQ FT | POUND |
|---|---|---|---|
| MAIN TRAIL | | | |
| STA 322+00.77 | TO STA 333+72.73 | 0.25 | 3,076.40 |
| STA 335+37.06 | TO STA 341+74.06 | 0.25 | 1,672.13 |
| STA 342+11.13 | TO STA 381+03.28 | 0.25 | 10,216.89 |
| STA 381+00.00 | TO STA 418+02.06 | 0.25 | 9,717.91 |
| STA 421+03.84 | TO STA 484+87.05 | 0.25 | 16,755.93 |
| STA 485+85.73 | TO STA 499+72.63 | 0.25 | 3,640.61 |
| STA 500+07.14 | TO STA 500+61.81 | 0.25 | 143.51 |
| | | | |
| CONNECTOR TRAIL | | | |
| STA 7+80.00 | TO STA 9+60.33 | 0.25 | 473.37 |
| STA 11+14.67 | TO STA 11+70.49 | 0.25 | 146.53 |
| | | | |
| PARKING LOT | | | |
| STA 376+98.28 | TO STA 377+48.28 | 0.25 | 276.91 |
| STA 377+08.28 | TO STA 378+15.28 | 0.25 | 1,155.00 |
| | | | |
| ENTRANCES | | | |
| LT STA 397+19.00 | | 0.25 | 22.75 |
| RT STA 397+19.00 | | 0.25 | 74.73 |
| TOTAL | | | 47,372.67 |
| USE | | | 47,373 |

40603310 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50

| LOCATION | | THICKNESS | TON |
|---|---|---|---|
| MAIN TRAIL | | | |
| STA 322+00.77 | TO STA 333+72.73 | 1.5" | 112.12 |
| STA 335+37.06 | TO STA 341+74.06 | 1.5" | 60.94 |
| STA 342+11.13 | TO STA 381+03.28 | 1.5" | 372.35 |
| STA 381+00.00 | TO STA 418+02.06 | 1.5" | 354.16 |
| STA 421+03.84 | TO STA 484+87.05 | 1.5" | 610.66 |
| STA 485+85.73 | TO STA 499+72.63 | 1.5" | 132.68 |
| STA 500+07.14 | TO STA 500+61.81 | | |
| | | | |
| CONNECTOR TRAIL | | | |
| STA 7+80.00 | TO STA 9+60.33 | 1.5" | 17.25 |
| STA 11+14.67 | TO STA 11+70.49 | 1.5" | 5.34 |
| | | | |
| PARKING LOT | | | |
| STA 376+98.28 | TO STA 377+48.28 | 2.0" | 10.34 |
| STA 377+08.28 | TO STA 378+15.28 | 2.0" | 43.12 |
| | | | |
| PRIVATE ENTRANCE | | | |
| LT STA 397+20.00 | | 3.0" | 0.85 |
| RT STA 397+20.00 | | 3.0" | 2.79 |
| TOTAL | | | 1,722.60 |
| USE | | | 1,723 |

40600290 BITUMINOUS MATERIALS (TACK COAT)

| LOCATION | | RATE LB/SQ FT | POUND |
|---|---|---|---|
| MAIN TRAIL | | | |
| STA 322+00.77 | TO STA 333+72.73 | 0.025 | 300.31 |
| STA 335+37.06 | TO STA 341+74.06 | 0.025 | 163.23 |
| STA 342+11.13 | TO STA 381+03.28 | 0.025 | 997.36 |
| STA 381+00.00 | TO STA 418+02.06 | 0.025 | 948.65 |
| STA 421+03.84 | TO STA 484+87.05 | 0.025 | 1,635.70 |
| STA 485+85.73 | TO STA 499+72.63 | 0.025 | 355.39 |
| STA 500+07.14 | TO STA 500+61.81 | | |
| | | | |
| CONNECTOR TRAIL | | | |
| STA 7+80.00 | TO STA 9+60.33 | 0.025 | 46.21 |
| STA 11+14.67 | TO STA 11+70.49 | 0.025 | 14.30 |
| | | | |
| PARKING LOT | | | |
| STA 376+98.28 | TO STA 377+48.28 | 0.025 | 27.69 |
| STA 377+08.28 | TO STA 378+15.28 | 0.025 | 115.50 |
| TOTAL | | | 4,604.34 |
| USE | | | 4,604 |

MOOFL: Default
FILE NAME: H:\2562 Mclean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-Schedules.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-sht-Schedules.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 20.0000 ' / In. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 10/19/2019 | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

SCHEDULES OF QUANTITIES

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

| | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 10 |
| | | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | | |

42400300 PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH

| LOCATION | | QUANTITY SQ FT |
|---|---|---|
| MAIN TRAIL | | |
| STA 341+74.06 | TO STA 341+79.68 | 55.38 |
| STA 342+05.98 | TO STA 342+11.13 | 51.43 |
| STA 418+02.06 | TO STA 418+07.50 | 54.39 |
| STA 420+96.67 | TO STA 421+03.84 | 70.23 |
| STA 484+87.05 | TO STA 484+99.34 | 120.98 |
| STA 485+73.06 | TO STA 485+85.73 | 117.00 |
| STA 499+72.63 | TO STA 499+77.13 | 45.02 |
| STA 500+01.93 | TO STA 500+07.14 | 52.23 |
| TOTAL | | 566.66 |
| USE | | 567 |

42400800 DETECTABLE WARNINGS

| LOCATION | QUANTITY SQ FT |
|---|---|
| MAIN TRAIL | |
| STA 341+79.68 | 20 |
| STA 342+05.98 | 20 |
| STA 418+07.50 | 20 |
| STA 420+96.67 | 20 |
| STA 484+97.44 | 30 |
| STA 485+74.95 | 33 |
| STA 499+75.79 | 20 |
| STA 500+03.08 | 20 |
| TOTAL | 183 |

48101200 AGGREGATE SHOULDERS, TYPE B

| LOCATION | | THICKNESS | TON |
|---|---|---|---|
| STA 421+10.57 | TO STA 484+93.93 | 6" | 1,075.61 |
| STA 485+84.79 | TO STA 499+64.73 | 6" | 232.52 |
| TOTAL | | | 1,308.13 |
| USE | | | 1,308 |

40300200 BITUMINOUS MATERIALS (PRIME COAT)

| LOCATION | | RATE GAL/SQ YD | TON |
|---|---|---|---|
| STA 421+10.57 | TO STA 484+93.93 | 0.30 | 4.43 |
| STA 485+84.79 | TO STA 499+64.73 | 0.30 | 0.96 |
| TOTAL | | | 5.39 |
| USE | | | 5.4 |

40300400 BITUMINOUS MATERIALS (COVER AND SEAL COATS)

| LOCATION | | RATE GAL/SQ YD | TON |
|---|---|---|---|
| COVER COAT | | | |
| STA 421+10.57 | TO STA 484+93.93 | 0.35 | 5.17 |
| STA 485+84.79 | TO STA 499+64.73 | 0.35 | 1.12 |
| SEAL COAT | | | |
| STA 421+10.57 | TO STA 484+93.93 | 0.30 | 4.43 |
| STA 485+84.79 | TO STA 499+64.73 | 0.30 | 0.96 |
| TOTAL | | | 11.68 |
| USE | | | 11.7 |

40300500 COVER COAT AGGREGATE

| LOCATION | | RATE LB/SQ YD | TON |
|---|---|---|---|
| STA 421+10.57 | TO STA 484+93.93 | 24 | 42.56 |
| STA 485+84.79 | TO STA 499+64.73 | 24 | 9.20 |
| TOTAL | | | 51.76 |
| USE | | | 52 |

40300600 SEAL COAT AGGREGATE

| LOCATION | | RATE LB/SQ YD | TON |
|---|---|---|---|
| STA 421+10.57 | TO STA 484+93.93 | 19 | 33.69 |
| STA 485+84.79 | TO STA 499+64.73 | 19 | 7.28 |
| TOTAL | | | 40.97 |
| USE | | | 41 |

X0300010 BITUMINOUS MATERIALS (FOG SEAL)

| LOCATION | | RATE GAL/SQ YD | POUND |
|---|---|---|---|
| STA 421+10.57 | TO STA 484+93.93 | 0.15 | 3,992.79 |
| STA 485+84.79 | TO STA 499+64.73 | 0.15 | 863.15 |
| TOTAL | | | 4,855.94 |
| USE | | | 4,856 |

MODEL: Default
FILE NAME: H:\2562 McLean County Rt. 66 Bike Trail\CADD\Sheets\2562-sht-Schedules.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-sht-Schedules.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 10/19/2019 | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

SCHEDULES OF QUANTITIES

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 11 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS | FED. AID PROJECT | | |

PAVEMENT MARKING AND FOLD DOWN BOLLARDS

| LOCATION | | | 78000100 | 78000200 | | 78000600 | 78000650 | X0350805 |
|---|---|---|---|---|---|---|---|---|
| | | | THERMOPLASTIC PAVEMENT MARKING | | | | | |
| | | | LETTERS AND SYMBOLS WHITE | LINE 4" WHITE | LINE 4" YELLOW | LINE 12 WHITE | LINE 24 WHITE | FOLD DOWN BOLLARDS |
| | | | SQ FT | FOOT | FOOT | FOOT | FOOT | EACH |
| PARKING LOT A | | | | | | | | |
| STA 322+08.77 | | | | | | | | 1 |
| | | | | | | | | |
| MAINLINE BRIDGE | | | | | | | | |
| STA 333+67.00 | | | | | | | | 1 |
| STA 335+55.00 | | | | | | | | 1 |
| | | | | | | | | |
| FUNKS ROAD | | | | | | | | |
| STA 341+09.06 | TO STA 341+74.06 | CENTERLINE & STOP BAR | 18.8 | | 73 | | 5 | 1 |
| STA 341+80.10 | TO STA 342+05.14 | CROSSWALK | | | | 90 | | |
| STA 342+11.13 | TO STA 342+76.13 | CENTERLINE & STOP BAR | 18.8 | | 73 | | 5 | 1 |
| | | | | | | | | |
| PARKING LOT B | | | | | | | | |
| STA 377+00.28 | | | | | | | | 1 |
| STA 377+17.28 | TO STA 377+80.28 | WHITE PARKING SPACE LINES | | 144 | | | | |
| STA 377+89.28 | TO STA 378+15.28 | HANDICAP SPACE | | | 272 | | | |
| STA 377+46.28 | | | | | | | | 1 |
| | | | | | | | | |
| OLD ROUTE 66 | | | | | | | | |
| STA 417+37.06 | TO STA 418+02.06 | CENTERLINE & STOP BAR | 18.8 | | 73 | | 5 | 1 |
| STA 418+08.92 | TO STA 420+97.25 | CROSSWALK | | | | 90 | | |
| STA 421+03.84 | TO STA 421+68.84 | CENTERLINE & STOP BAR | 18.8 | | 73 | | 5 | 1 |
| | | | | | | | | |
| E750N | | | | | | | | |
| STA 484+22.05 | TO STA 484+87.05 | CENTERLINE & STOP BAR | 18.8 | | 73 | | 5 | 1 |
| STA 485+85.73 | TO STA 486+50.73 | CENTERLINE & STOP BAR | 18.8 | | 73 | | 5 | 1 |
| | | | | | | | | |
| OLD ROUTE 66 | | | | | | | | |
| STA 499+07.63 | TO STA 499+72.63 | CENTERLINE & STOP BAR | 18.8 | | 73 | | 5 | 1 |
| STA 499+78.15 | TO STA 500+00.15 | CROSSWALK | | | | 80 | | |
| STA 500+07.14 | TO STA 500+72.14 | CENTERLINE & STOP BAR | 18.8 | | 63 | | 5 | 1 |
| | | | | | | | | |
| SPUR BRIDGE | | | | | | | | |
| STA 9+55.00 | | | | | | | | 1 |
| | | | | | | | | |
| END OF SPUR TRAIL | | | | | | | | |
| STA 11+20.00 | | | | | | | | 1 |
| STA 7+85.00 | | | | | | | | 1 |
| TOTAL | | | 150.4 | 144 | 846 | 260 | 40 | 16 |
| USE | | | 151 | | 990 | | | |

XX008340 TIMBER BRIDGE APPROACH RAILING

| LOCATION | | QUANTITY |
|---|---|---|
| | | FOOT |
| STRUCTURE "A" | | |
| LT STA 333+65.73 | TO STA 333+85.73 | 20 |
| RT STA 333+65.73 | TO STA 333+85.73 | 20 |
| LT STA 335+37.06 | TO STA 335+57.05 | 20 |
| RT STA 335+37.06 | TO STA 335+57.05 | 20 |
| STRUCTURE "B" - SPUR BRIDGE | | |
| LT STA 9+40.40 | TO STA 9+74.33 | 20 |
| RT STA 9+57.79 | TO STA 9+74.33 | 20 |
| LT STA 11+00.67 | TO STA 11+22.81 | 20 |
| RT STA 11+00.67 | TO STA 11+18.21 | 20 |
| TOTAL | | 160 |

X6640535 CHAIN LINK FENCE, 6' ATTACHED TO STRUCTURE

| LOCATION | | QUANTITY |
|---|---|---|
| | | FOOT |
| LT STA 436+66.40 | TO STA 436+86.40 | 20 |
| TOTAL | | 20 |

X6640560 CHAIN LINK FENCE,6' (SPECIAL)

| LOCATION | | QUANTITY |
|---|---|---|
| | | FOOT |
| LT STA 436+56.40 | TO STA 436+66.40 | 10 |
| LT STA 436+86.40 | TO STA 436+96.40 | 10 |
| TOTAL | | 20 |

X0323991 SURFACE MOUNT LANE SEPERATOR

| LOCATION | | FOOT |
|---|---|---|
| PARKING LOT B | | |
| RT STA 377+46.28 | TO STA 378+15.28 | 69 |
| TOTAL | | 69 |

MODEL: Default
FILE NAME: h:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-Schedules.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-sht-Schedules.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 20.0000 ' / In. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 10/19/2019 | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

SCHEDULES OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 12 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS | FED. AID PROJECT | | |

SIGNS

| LOCATION | 72000100 SIGN PANEL TYPE 1 | 72800100 TELESCOPING STEEL SIGN SUPPORT | SIGN TYPE | SIZE |
|---|---|---|---|---|
| | SQ FT | FOOT | | |
| STRUCTURE "A" | | | | |
| RT STA 333+61.50 | 5.00 | 15.50 | WEIGHT LIMIT R12-1 | 24" X 30" |
| LT STA 335+61.00 | 5.00 | 15.50 | WEIGHT LIMIT R12-1 | 24" X 30" |
| FUNKS RD | | | | |
| LT STA 341+61.60 | 4.00<br>2.00 | 16.00 | BICYCLE SYMBOL W11-1<br>300 FT W16-2aP | 24" X 24"<br>24" X 12" |
| LT STA 340+30.30 | 3.00<br>0.75 | 15.50 | BIKE ROUTE D11-1,<br>DOUBLE ARROW M7-5 | 24" X 18"<br>12" X 9" |
| LT STA 341+71.30 | 4.00 | 15.00 | NO MOTOR VEHICLES R5-3 | 24" X 24" |
| CL STA 341+71.30 | 2.25 | 14.50 | STOP R1-1 | 18" X 18" |
| RT STA 342+09.40 | 4.00<br>2.00 | 16.00 | BICYCLE SYMBOL W11-1<br>300 FT W16-2aP | 24" X 24"<br>24" X 12" |
| RT STA 342+10.60 | 3.00<br>0.75 | 15.50 | BIKE ROUTE D11-1,<br>DOUBLE ARROW M7-5 | 24" X 18"<br>12" X 9" |
| RT STA 342+13.30 | 4.00 | 15.00 | NO MOTOR VEHICLES R5-3 | 24" X 24" |
| LT STA 342+13.30 | 2.25 | 14.50 | STOP R1-1 | 18" X 18" |
| STRUCTURE "B" - SPUR BRIDGE | | | | |
| RT STA 9+65.00 | 5.00 | 15.50 | WEIGHT LIMIT R12-1 | 24" X 30" |
| LT STA 11+10.00 | 5.00 | 15.50 | WEIGHT LIMIT R12-1 | 24" X 30" |
| OLD ROUTE 66 | | | | |
| LT STA 414+83.00 | 4.00<br>2.00 | 16.00 | BICYCLE SYMBOL W11-1<br>300 FT W16-2aP | 24" X 24"<br>24" X 12" |
| LT STA 417+26.90 | 3.00<br>0.75 | 15.50 | BIKE ROUTE D11-1,<br>DOUBLE ARROW M7-5 | 24" X 18"<br>12" X 9" |
| LT STA 417+86.70 | 4.00 | 15.00 | NO MOTOR VEHICLES R5-3 | 24" X 24" |
| RT STA 418+02.90 | 2.25 | 14.50 | STOP R1-1 | 18" X 18" |
| RT STA 421+03.10 | 2.25 | 14.50 | STOP R1-1 | 18" X 18" |
| LT STA 420+98.40 | 4.00 | 15.00 | NO MOTOR VEHICLES R5-3 | 24" X 24" |
| RT STA 424+08.15 | 4.00<br>2.00 | 16.00 | BICYCLE SYMBOL W11-1<br>300 FT W16-2aP | 24" X 24"<br>24" X 12" |
| RT STA 421+23.50 | 3.00<br>0.75 | 15.50 | BIKE ROUTE D11-1,<br>DOUBLE ARROW M7-5 | 24" X 18"<br>12" X 9" |
| E 750N | | | | |
| RT STA 482+87.94 | 4.00<br>2.00 | 16.00 | BICYCLE SYMBOL W11-1<br>300 FT W16-2aP | 24" X 24"<br>24" X 12" |
| RT STA 484+85.50 | 4.00<br>2.25 | 15.00 | NO MOTOR VEHICLES R5-3<br>STOP R1-1 | 24" X 24"<br>18" X 18" |
| LT STA 485+07.21 | 3.00<br>0.75 | 15.50 | BIKE ROUTE D11-1,<br>DOUBLE ARROW M7-5 | 24" X 18"<br>12" X 9" |
| LT STA 485+87.70 | 4.00<br>2.25 | 15.00 | NO MOTOR VEHICLES R5-3<br>STOP R1-1 | 24" X 24"<br>18" X 18" |
| RT STA 488+85.10 | 4.00<br>2.00 | 16.00 | BICYCLE SYMBOL W11-1<br>300 FT W16-2aP | 24" X 24"<br>24" X 12" |

SIGNS

| LOCATION | 72000100 SIGN PANEL TYPE 1 | 72800100 TELESCOPING STEEL SIGN SUPPORT | SIGN TYPE | SIZE |
|---|---|---|---|---|
| | SQ FT | FOOT | | |
| OLD ROUTE 66 | | | | |
| RT STA 496+65.35 | 4.00<br>2.00 | 16.00 | BICYCLE SYMBOL W11-1<br>300 FT W16-2aP | 24" X 24"<br>24" X 12" |
| RT STA 499+31.26 | 3.00<br>0.75 | 15.50 | BIKE ROUTE D11-1,<br>DOUBLE ARROW M7-5 | 24" X 18"<br>12" X 9" |
| LT STA 499+75.40 | 2.25 | | STOP R1-1 | 18" X 18" |
| LT STA 499+78.53 | 4.00 | 15.00 | NO MOTOR VEHICLES R5-3 | 24" X 24" |
| RT STA 500+04.02 | 4.00 | 15.00 | NO MOTOR VEHICLES R5-3 | 24" X 24" |
| LT STA 500+10.59 | 2.25 | 14.50 | STOP R1-1 | 18" X 18" |
| LT STA 499+18.00 | 3.00<br>0.75 | 15.50 | BIKE ROUTE D11-1,<br>DOUBLE ARROW M7-5 | 24" X 18"<br>12" X 9" |
| 300' NORTH OF CROSSING | 4.00<br>2.00 | 16.00 | BICYCLE SYMBOL W11-1<br>300 FT W16-2aP | 24" X 24"<br>24" X 12" |
| PARKING LOTS - LOT A | | | | |
| LT STA 322+07.00 | 4.00<br>3.00<br>2.00 | 15.75 | NO MOTOR VEHICLES R5-3<br>BIKE ROUTE D11-1<br>END M4-12 | 24" X 24"<br>24" X 18"<br>24" X 12" |
| PARKING LOTS - LOT B | | | | |
| LT STA 377+00.00 | 4.00 | 15.00 | NO MOTOR VEHICLES R5-3 | 24" X 24" |
| RT STA 377+44.80 | 4.00 | 15.00 | NO MOTOR VEHICLES R5-3 | 24" X 24" |
| RT STA 377+96.90 | 1.50<br>0.50 | 11.50 | HANDICAP PARKING R7-8<br>$250 FINE R7-1 101 | 18" X 12"<br>6" X 12" |
| SPUR BRIDGE | | | | |
| LT STA 7+85.00 | 4.00<br>3.00<br>2.00 | 15.75 | NO MOTOR VEHICLES R5-3<br>BIKE ROUTE D11-1<br>END M4-12 | 24" X 24"<br>24" X 18"<br>24" X 12" |
| TOTAL | 172.25 | 564.00 | | |
| USE | 173 | 564 | | |

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-Schedules.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-sht-Schedules.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 10/19/2019 | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**SCHEDULES OF QUANTITIES**

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 13 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |

PROP. CURVE ALTCRV1
PI STA. = 323+95.19
Δ = 1° 07' 52" (RT)
D = 11° 27' 33"
R = 500.00'
T = 4.94'
L = 9.87'
E = 0.02'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 323+90.26
P.T. STA. = 324+00.13

PROP. CURVE ALTCRV2
PI STA. = 331+61.64
Δ = 5° 44' 04" (RT)
D = 5° 44' 04"
R = 999.17'
T = 50.04'
L = 100.00'
E = 1.25'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 331+11.60
P.R.C. STA. = 332+11.60

PROP. CURVE ALTCRV5
PI STA. = 337+05.67
Δ = 5° 44' 04" (RT)
D = 5° 44' 04"
R = 999.17'
T = 50.04'
L = 100.00'
E = 1.25'
e = ____
T.R. = ____
S.E. RUN = ____
P.R.C. STA. = 336+55.63
P.T. STA. = 337+55.63

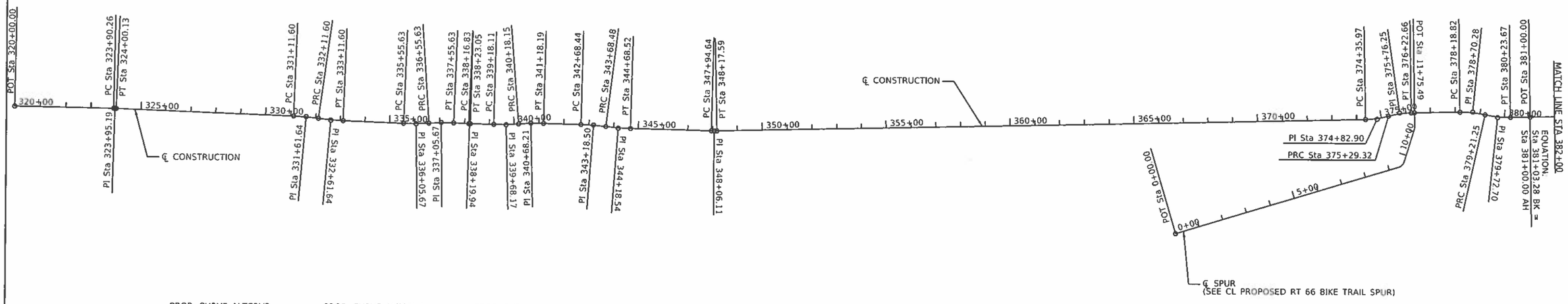
PROP. CURVE CONSTCRV1
PI STA. = 339+68.17
Δ = 5° 43' 55" (LT)
D = 5° 43' 46"
R = 1,000.01'
T = 50.06'
L = 100.04'
E = 1.25'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 339+18.11
P.R.C. STA. = 340+18.15

PROP. CURVE CONSTCRV3
PI STA. = 343+18.50
Δ = 5° 43' 55" (RT)
D = 5° 43' 46"
R = 1,000.03'
T = 50.06'
L = 100.04'
E = 1.25'
e = ____
T.R. = ____
S.E. RUN = ____
P.R.C. STA. = 342+68.44
P.T. STA. = 343+68.48

PROP. CURVE ALTCRV7
PI STA. = 348+06.11
Δ = 2° 37' 48" (LT)
D = 11° 27' 33"
R = 500.00'
T = 11.48'
L = 22.95'
E = 0.13'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 347+94.64
P.T. STA. = 348+17.59

PROP. CURVE PR374
PI STA. = 374+82.90
Δ = 14° 34' 16" (LT)
D = 15° 36' 33"
R = 367.06'
T = 46.93'
L = 93.35'
E = 2.99'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 374+35.97
P.R.C. STA. = 375+29.32

PROP. CURVE PR375
PI STA. = 375+76.25
Δ = 14° 46' 31" (RT)
D = 15° 49' 49"
R = 361.94'
T = 46.93'
L = 93.34'
E = 3.03'
e = ____
T.R. = ____
S.E. RUN = ____
P.R.C. STA. = 375+29.32
P.T. STA. = 376+22.66




PROP. CURVE ALTCRV3
PI STA. = 332+61.64
Δ = 5° 44' 04" (LT)
D = 5° 44' 04"
R = 999.17'
T = 50.04'
L = 100.00'
E = 1.25'
e = ____
T.R. = ____
S.E. RUN = ____
P.R.C. STA. = 332+11.60
P.T. STA. = 333+11.60

PROP. CURVE ALTCRV4
PI STA. = 336+05.67
Δ = 5° 44' 04" (LT)
D = 5° 44' 04"
R = 999.17'
T = 50.04'
L = 100.00'
E = 1.25'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 335+55.63
P.R.C. STA. = 336+55.63

PROP. CURVE ALTCRV6
PI STA. = 338+19.94
Δ = 0° 42' 46" (LT)
D = 11° 27' 33"
R = 500.00'
T = 3.11'
L = 6.22'
E = 0.01'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 338+16.83
P.T. STA. = 338+23.05

PROP. CURVE CONSTCRV2
PI STA. = 340+68.21
Δ = 5° 43' 55" (RT)
D = 5° 43' 46"
R = 1,000.01'
T = 50.06'
L = 100.04'
E = 1.25'
e = ____
T.R. = ____
S.E. RUN = ____
P.R.C. STA. = 340+18.15
P.T. STA. = 341+18.19

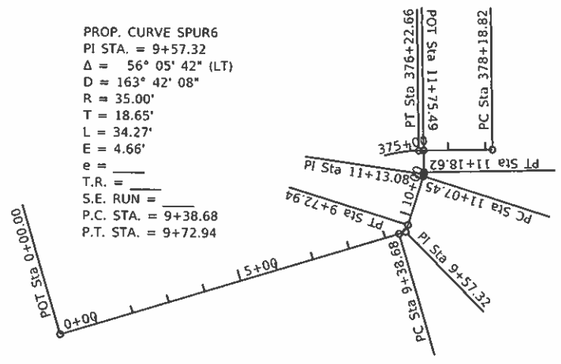
PROP. CURVE CONSTCRV4
PI STA. = 344+18.54
Δ = 5° 43' 55" (LT)
D = 5° 43' 46"
R = 1,000.01'
T = 50.06'
L = 100.04'
E = 1.25'
e = ____
T.R. = ____
S.E. RUN = ____
P.R.C. STA. = 343+68.48
P.T. STA. = 344+68.52

PROP. CURVE PR378
PI STA. = 378+70.28
Δ = 13° 39' 40" (RT)
D = 13° 20' 17"
R = 429.57'
T = 51.46'
L = 102.42'
E = 3.07'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 378+18.82
P.R.C. STA. = 379+21.25

PROP. CURVE PR379
PI STA. = 379+72.70
Δ = 13° 39' 40" (LT)
D = 13° 20' 17"
R = 429.57'
T = 51.46'
L = 102.42'
E = 3.07'
e = ____
T.R. = ____
S.E. RUN = ____
P.R.C. STA. = 379+21.25
P.T. STA. = 380+23.67

## CL PROPOSED RT 66 BIKE TRAIL SPUR

PROP. CURVE SPUR6
PI STA. = 9+57.32
Δ = 56° 05' 42" (LT)
D = 163° 42' 08"
R = 35.00'
T = 18.65'
L = 34.27'
E = 4.66'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 9+38.68
P.T. STA. = 9+72.94




PROP. CURVE SPUR7
PI STA. = 11+13.08
Δ = 18° 17' 25" (LT)
D = 163° 42' 08"
R = 35.00'
T = 5.63'
L = 11.17'
E = 0.45'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 11+07.45
P.T. STA. = 11+18.62

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB # 2562 | DESIGNED - | REVISED - |
| FILE NAME = 2562-sht-alt1.dgn | DRAWN - | REVISED - |
| PLOT SCALE = 400.0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 4/8/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**ALIGNMENT**

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 14 |
| | | CONTRACT NO. 91755 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

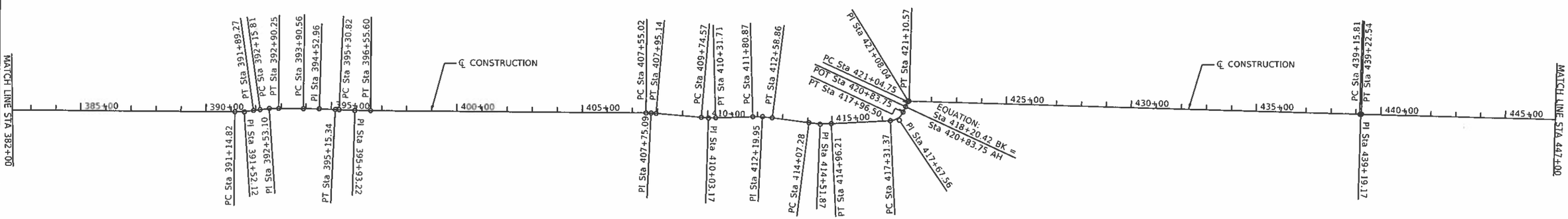
PROP. CURVE PR395
PI STA. = 392+53.10
Δ = 8° 31' 51" (RT)
D = 11° 27' 33"
R = 500.00'
T = 37.29'
L = 74.44'
E = 1.39'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 392+15.81
P.T. STA. = 392+90.25

PROP. CURVE PR397
PI STA. = 394+52.96
Δ = 2° 02' 34" (RT)
D = 1° 38' 13"
R = 3,500.00'
T = 62.40'
L = 124.78'
E = 0.56'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 393+90.56
P.T. STA. = 395+15.34

PROP. CURVE CRV16
PI STA. = 410+03.17
Δ = 6° 32' 54" (LT)
D = 11° 27' 33"
R = 500.00'
T = 28.60'
L = 57.15'
E = 0.82'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 409+74.57
P.T. STA. = 410+31.71

PROP. CURVE PR415
PI STA. = 412+19.95
Δ = 8° 56' 14" (RT)
D = 11° 27' 33"
R = 500.00'
T = 39.08'
L = 77.99'
E = 1.52'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 411+80.87
P.T. STA. = 412+58.86

PROP. CURVE CRV19
PI STA. = 421+08.04
Δ = 66° 41' 06" (RT)
D = 1145° 54' 56"
R = 5.00'
T = 3.29'
L = 5.82'
E = 0.99'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 421+04.75
P.T. STA. = 421+10.57




PROP. CURVE PR394
PI STA. = 391+52.12
Δ = 8° 31' 51" (LT)
D = 11° 27' 33"
R = 500.00'
T = 37.29'
L = 74.44'
E = 1.39'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 391+14.82
P.T. STA. = 391+89.27

PROP. CURVE PR398
PI STA. = 395+93.22
Δ = 2° 02' 34" (LT)
D = 1° 38' 13"
R = 3,500.00'
T = 62.40'
L = 124.78'
E = 0.56'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 395+30.82
P.T. STA. = 396+55.60

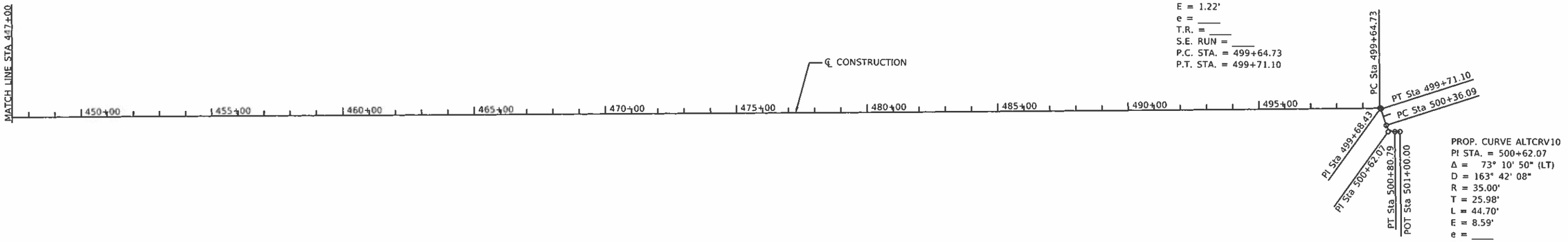
PROP. CURVE CRV15
PI STA. = 407+75.09
Δ = 4° 35' 48" (RT)
D = 11° 27' 33"
R = 500.00'
T = 20.07'
L = 40.11'
E = 0.40'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 407+55.02
P.T. STA. = 407+95.14

PROP. CURVE PR417
PI STA. = 414+51.87
Δ = 10° 11' 26" (LT)
D = 11° 27' 33"
R = 500.00'
T = 44.58'
L = 88.93'
E = 1.98'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 414+07.28
P.T. STA. = 414+96.21

PROP. CURVE PR420
PI STA. = 417+67.56
Δ = 62° 11' 58" (LT)
D = 95° 29' 35"
R = 60.00'
T = 36.19'
L = 65.14'
E = 10.07'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 417+31.37
P.T. STA. = 417+96.50

PROP. CURVE CRV20
PI STA. = 439+19.17
Δ = 0° 02' 19" (LT)
D = 0° 34' 23"
R = 9,996.00'
T = 3.36'
L = 6.72'
E = 0.00'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 439+15.81
P.T. STA. = 439+22.54

PROP. CURVE ALTCRV9
PI STA. = 499+68.43
Δ = 72° 55' 25" (RT)
D = 1145° 55' 19"
R = 5.00'
T = 3.69'
L = 6.36'
E = 1.22'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 499+64.73
P.T. STA. = 499+71.10




PROP. CURVE ALTCRV10
PI STA. = 500+62.07
Δ = 73° 10' 50" (LT)
D = 163° 42' 08"
R = 35.00'
T = 25.98'
L = 44.70'
E = 8.59'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 500+36.09
P.T. STA. = 500+80.79

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB # 2562 | DESIGNED - | REVISED - |
| FILE NAME = 2562-sht-alt1.dgn | DRAWN - | REVISED - |
| PLOT SCALE = 400.0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 4/8/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**ALIGNMENT**

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 15 |
| | | CONTRACT NO. 91755 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

BM#1 - CUT '□' ON CONCRETE HEADWALL
42' LT. STA. 322+48
ELEV. 963.10

BM#2 - MAG NAIL IN TOP OF ELLIPTICAL CMP
141' RT. STA. 329+92
ELEV. 677.42

BM#2A - IDOT TABLET
54' LT. STA. 333+64
ELEV. 689.28

BM#3 - CUT '□' ON CONCRETE HEADWALL
255' RT. STA. 336+04
ELEV. 675.45

BM#3A - STEEL ROD
109' LT. STA. 342+62
ELEV. 689.35

BM#4 - MAG SPIKE IN POWER POLE
420' RT. STA. 341+66
ELEV. 679.69

BM#4A - MAG SPIKE IN POWER POLE
32' RT. STA. 350+29
ELEV. 689.51

BM#5A - MAG SPIKE IN POWER POLE
30' RT. STA. 357+99
ELEV. 690.29

BM#6A - MAG SPIKE IN POWER POLE
24' RT. STA. 365+63
ELEV. 690.26

BM#8 - CUT '□' ON CONCRETE PAVEMENT
255' RT STA. 372+97
ELEV. 681.04

BM#10 - MAG SPIKE IN POWER POLE
24' RT. STA. 373+25
ELEV. 689.59

BM#11 - MAG SPIKE IN POWER POLE
46' RT. STA. 378+36
ELEV. 689.33

BM#12 - CUT '□' ON CONCRETE HEADWALL
29' LT. STA. 393+02
ELEV. 686.54

BM#13 - CUT '□' ON CONCRETE HEADWALL
37' LT. STA. 400+52
ELEV. 688.00

BM#14 - CUT '□' ON CONCRETE HEADWALL
35' LT. STA. 412+04
ELEV. 690.42

BM#15 - CUT '□' ON CONCRETE HEADWALL
54' RT. STA. 423+31
ELEV. 691.93

BM#16 - CUT '□' ON CONCRETE RETURN
36' RT. STA. 429+90
ELEV. 694.92

BM#17 - CUT '□' ON CONCRETE HEADWALL
1' LT. STA. 436+77
ELEV. 695.83

BM#18 - MAG NAIL IN EDGE OF PAVEMENT
32' RT. STA. 450+07
ELEV. 699.44

BM#19 - MAG NAIL IN EDGE OF PAVEMENT
33' RT. STA. 461+59
ELEV. 705.94

BM#20 - TOP POINT OF CONCRETE BASE FENCE POST
46' RT. STA. 471+83
ELEV. 712.09

BM#21 - TOP POINT OF CONCRETE BASE FENCE POST
46' RT. STA. 484+92
ELEV. 721.00

BM#22 - CUT '□' ON CONCRETE HEADWALL
18' LT. STA. 491+35
ELEV. 718.32

## CL PROPOSED RT 66 BIKE TRAIL

| CONTROL POINT | STATION | COORDINATES | |
|---|---|---|---|
| | | NORTHING | EASTING |
| P.O.T. | 320+00.00 | 1345559.32 | 765842.53 |
| P.C. | 323+90.26 | 1345845.01 | 766108.39 |
| P.I. | 323+95.19 | 1345848.63 | 766111.75 |
| P.T. | 324+00.13 | 1345852.17 | 766115.19 |
| P.C. | 331+11.60 | 1346363.34 | 766610.05 |
| P.I. | 331+61.64 | 1346399.30 | 766644.86 |
| P.R.C. | 332+11.60 | 1346431.59 | 766683.09 |
| P.I. | 332+61.64 | 1346463.89 | 766721.31 |
| P.T. | 333+11.60 | 1346499.84 | 766756.12 |
| P.C. | 335+55.63 | 1346675.17 | 766925.86 |
| P.I. | 336+05.67 | 1346711.12 | 766960.66 |
| P.R.C. | 336+55.63 | 1346750.37 | 766991.70 |
| P.I. | 337+05.67 | 1346789.63 | 767022.74 |
| P.T. | 337+55.63 | 1346825.58 | 767057.55 |
| P.C. | 338+16.83 | 1346869.55 | 767100.12 |
| P.I. | 338+19.94 | 1346871.79 | 767102.29 |
| P.T. | 338+23.05 | 1346874.05 | 767104.42 |
| P.C. | 339+18.11 | 1346943.16 | 767169.68 |
| P.I. | 339+68.17 | 1346979.56 | 767204.05 |
| P.R.C. | 340+18.15 | 1347019.21 | 767234.62 |
| P.I. | 340+68.21 | 1347058.86 | 767265.18 |
| P.T. | 341+18.19 | 1347095.26 | 767299.55 |
| P.C. | 342+68.44 | 1347204.50 | 767402.71 |
| P.I. | 343+18.50 | 1347240.90 | 767437.08 |
| P.R.C. | 343+68.48 | 1347273.68 | 767474.92 |
| P.I. | 344+18.54 | 1347306.46 | 767512.75 |
| P.T. | 344+68.52 | 1347342.86 | 767547.12 |
| P.C. | 347+94.64 | 1347579.97 | 767771.02 |
| P.I. | 348+06.11 | 1347588.32 | 767778.90 |
| P.T. | 348+17.59 | 1347597.01 | 767786.39 |
| P.C. | 374+35.97 | 1349581.49 | 769494.54 |
| P.I. | 374+82.90 | 1349617.06 | 769525.16 |
| P.R.C. | 375+29.32 | 1349659.18 | 769545.84 |
| P.I. | 375+76.25 | 1349701.31 | 769566.52 |
| P.T. | 376+22.66 | 1349736.77 | 769597.26 |
| P.C. | 378+18.82 | 1349884.98 | 769725.76 |
| P.I. | 378+70.28 | 1349923.86 | 769759.47 |
| P.R.C. | 379+21.25 | 1349953.68 | 769801.41 |
| P.I. | 379+72.70 | 1349983.50 | 769843.34 |
| P.T. | 380+23.67 | 1350022.38 | 769877.05 |
| P.C. | 391+14.82 | 1350849.30 | 770593.97 |
| P.I. | 391+52.12 | 1350877.48 | 770618.40 |
| P.T. | 391+89.27 | 1350908.96 | 770638.38 |
| P.C. | 392+15.81 | 1350931.37 | 770652.60 |
| P.I. | 392+53.10 | 1350962.86 | 770672.58 |
| P.T. | 392+90.25 | 1350991.04 | 770697.00 |
| P.C. | 393+90.56 | 1351066.83 | 770762.71 |
| P.I. | 394+52.96 | 1351113.97 | 770803.59 |
| P.T. | 395+15.34 | 1351159.63 | 770846.12 |
| P.C. | 395+30.82 | 1351170.96 | 770856.67 |
| P.I. | 395+93.22 | 1351216.62 | 770899.19 |
| P.T. | 396+55.60 | 1351263.76 | 770940.07 |
| P.C. | 407+55.02 | 1352094.45 | 771660.26 |
| P.I. | 407+75.09 | 1352109.62 | 771673.41 |
| P.T. | 407+95.14 | 1352123.68 | 771687.72 |
| P.C. | 409+74.57 | 1352249.39 | 771815.75 |
| P.I. | 410+03.17 | 1352269.44 | 771836.16 |
| P.T. | 410+31.71 | 1352291.67 | 771854.15 |
| P.C. | 411+80.87 | 1352407.64 | 771947.96 |
| P.I. | 412+19.95 | 1352438.01 | 771972.54 |
| P.T. | 412+58.86 | 1352464.21 | 772001.54 |
| P.C. | 414+07.28 | 1352563.69 | 772111.68 |
| P.I. | 414+51.87 | 1352593.58 | 772144.76 |
| P.T. | 414+96.21 | 1352628.84 | 772172.04 |
| P.C. | 417+31.37 | 1352814.85 | 772315.90 |
| P.I. | 417+67.56 | 1352843.48 | 772338.05 |
| P.T. | 417+96.50 | 1352876.42 | 772323.05 |
| P.O.T. | 420+83.75 | 1352898.19 | 772313.14 |
| P.C. | 421+04.75 | 1352917.30 | 772304.43 |
| P.I. | 421+08.04 | 1352920.30 | 772303.07 |
| P.T. | 421+10.57 | 1352922.74 | 772305.28 |
| P.C. | 439+15.81 | 1354259.97 | 773518.00 |
| P.I. | 439+19.17 | 1354262.46 | 773520.26 |
| P.T. | 439+22.54 | 1354264.95 | 773522.52 |
| P.C. | 499+64.73 | 1358743.45 | 777578.53 |
| P.I. | 499+68.43 | 1358746.19 | 777581.01 |
| P.T. | 499+71.10 | 1358744.62 | 777584.35 |
| P.C. | 500+36.09 | 1358717.06 | 777643.22 |
| P.I. | 500+62.07 | 1358706.04 | 777666.75 |
| P.T. | 500+80.79 | 1358725.38 | 777684.11 |
| P.O.T. | 501+00.00 | 1358739.67 | 777696.93 |

## CL PROPOSED RT 66 BIKE TRAIL SPUR

| CONTROL POINT | STATION | COORDINATES | |
|---|---|---|---|
| | | NORTHING | EASTING |
| P.O.T. | 0+00.00 | 1348703.85 | 769325.06 |
| P.C. | 9+38.68 | 1349552.43 | 769726.35 |
| P.I. | 9+57.32 | 1349569.28 | 769734.33 |
| P.T. | 9+72.94 | 1349585.30 | 769724.78 |
| P.C. | 11+07.45 | 1349700.85 | 769655.94 |
| P.I. | 11+13.08 | 1349705.69 | 769653.06 |
| P.T. | 11+18.62 | 1349709.38 | 769648.80 |
| P.O.T. | 11+75.49 | 1349746.64 | 769605.83 |

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - | REVISED - | |
| FILE NAME = 2562-sht-alil.dgn | DRAWN - | REVISED - | |
| PLOT SCALE = 400.0000 ' / in. | CHECKED - | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**ALIGNMENT**

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 16 |
| | | CONTRACT NO. 91755 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

SE ¼ SEC 17, T22N, R1E, 3rd PM

EX ROW

PR PIPE CULVERTS
CL D TY 1, 18" ERS x 54'
W. STD 542406 END SECTIONS
USFL 31.05' LT STA 320+71.90 693.75
DSFL 34.7' LT STA 321+25.90 693.25

SAW CUT

POT Sta 320+00.00

320+00

321

BEGIN SECTION
STA 320+78.78

EX ROW

PR PARKING LOT A
SEE SHEET 38 FOR DETAILS
AGGREGATE SURFACE

BEGIN HMA PAVEMENT
STA 322+00.77

PC Sta 323+90.26

PT Sta 324+00.13

PI Sta 323+45.19

OLD US ROUTE 66

℄ CONSTRUCTION

CONSTRUCTION LIMITS

MATCH LINE STA 330+50.00

BM#1 - CUT "□" ON CONCRETE HEADWALL
42' LT. STA. 322+48
ELEV. 963.10

BM#2 - MAG NAIL IN TOP OF ELLIPTICAL CMP
141' RT. STA. 329+92
ELEV. 677.42

SE ¼ SEC 17, T22N, R1E, 3rd PM

120.00' V.C.

697.00

+40.00 EL. 695.55

VPI STA. 323+00.00
ELEVATION 695.00

+60.00 EL. 694.60

-0.97%

-0.67%

℄ PR PROFILE

℄ EX PROFILE

| | EXISTING | PROPOSED |
|---|---|---|
| 321+00 | 695.76 | 696.82 |
| | 695.05 | 696.37 |
| 322+00 | 694.37 | 695.91 |
| | 693.75 | 695.46 |
| 323+00 | 693.22 | 695.04 |
| | 692.77 | 694.66 |
| 324+00 | 692.38 | 694.33 |
| | 692.07 | 693.99 |
| 325+00 | 691.79 | 693.66 |
| | 691.61 | 693.32 |
| 326+00 | 691.40 | 692.98 |
| | 691.20 | 692.65 |
| 327+00 | 691.02 | 692.31 |
| | 690.66 | 691.98 |
| 328+00 | 690.23 | 691.64 |
| | 689.99 | 691.30 |
| 329+00 | 689.73 | 690.97 |
| | 689.49 | 690.63 |
| 330+00 | 689.24 | 690.30 |
| | 688.89 | 689.96 |

705 700 695 690 685 680 675 670

PLAN — SURVEYED — PLOTTED — ALIGNMENT CHECKED — PLANS CHECKED — NOTE BOOK — NO.

PROFILE — SURVEYED — PLOTTED — FIELD CHECKED — PLANS CHECKED — NOTE BOOK — BK. NOTED — NO. — JUNCTION POINT(S) CHKD

MODEL: Default
FILE NAME: M:\2562 Mclean County Rt 66 Bike Trail\CAD\PWSheets\2562-sht-plan72.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

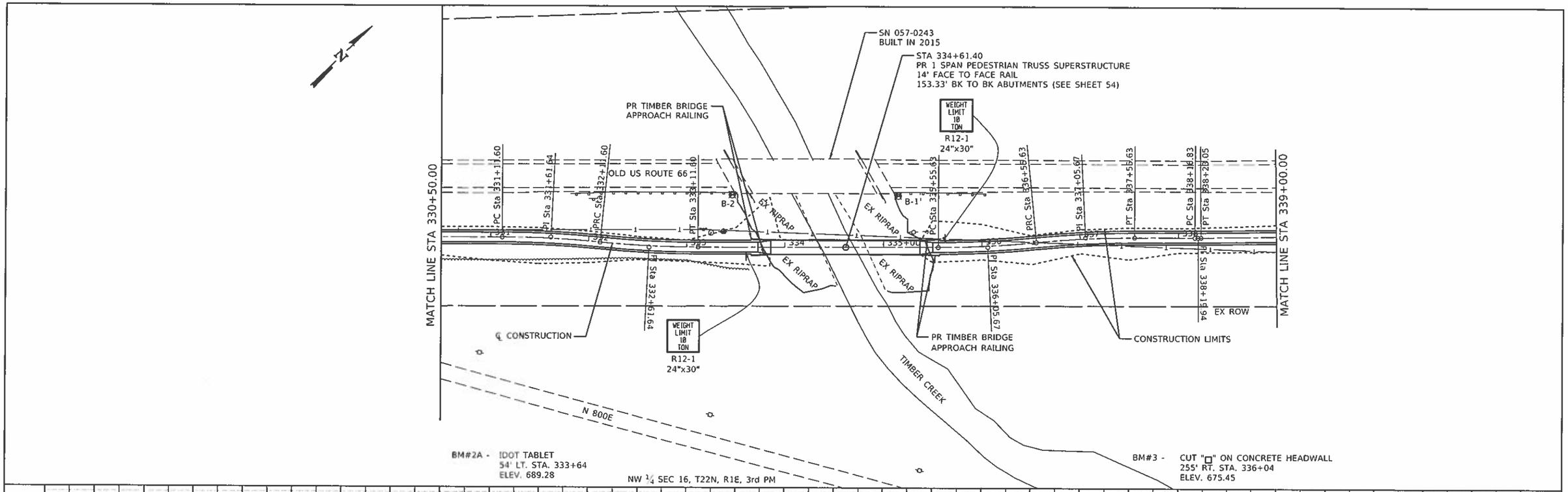
| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-sht-plan72.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 8/29/2018 | REVISED - | |

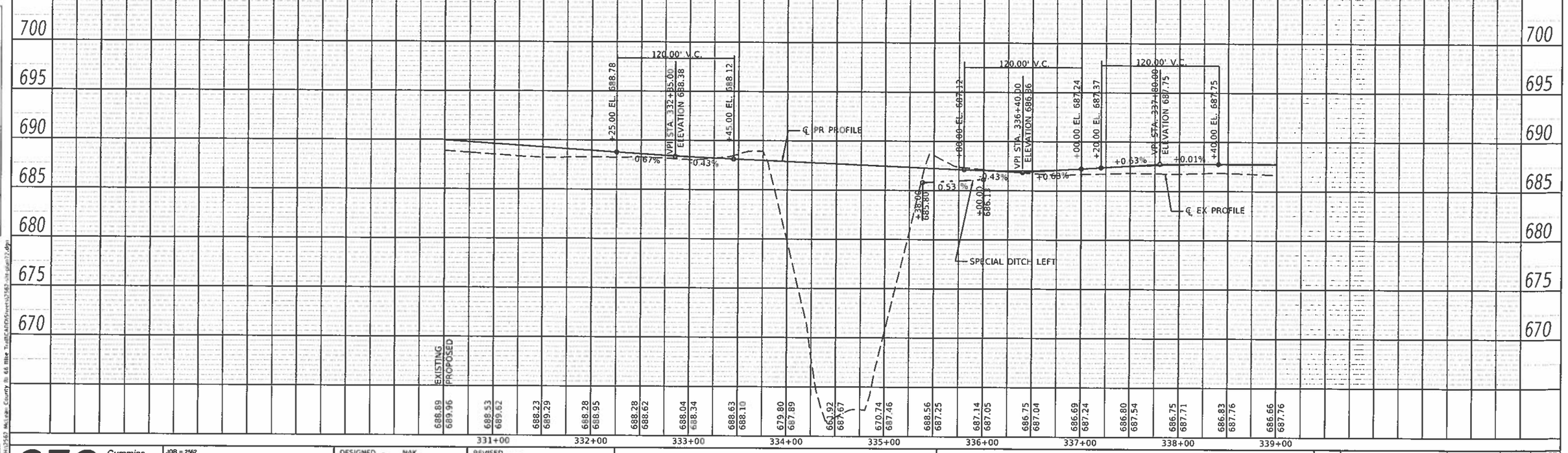
MCLEAN COUNTY
RTE 66 BIKE TRAIL

PLAN AND PROFILE

SCALE: SHEET OF SHEETS STA. TO STA.

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 17 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |




| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2562 | DESIGNED - NAK | REVISED - |
| | FILE NAME = 2562-sht-plan72.dgn | DRAWN - SJS | REVISED - |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - NAK | REVISED - |
| | PLOT DATE = 4/8/2019 | DATE - 8/29/2018 | REVISED - |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

PLAN AND PROFILE

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 18 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: H:\2562 Mclean County Rt 66 Bike Trail\CADD\Sheet\2562-sht-plan72.dgn

NW ¼ SEC 16, T22N, R1E, 3rd PM

N

EX 18" CONC

℄ CONSTRUCTION

CONSTRUCTION LIMITS

SAW CUT

OLD US ROUTE 66

MATCH LINE STA 339+00.00

MATCH LINE STA 349+0.00

PC Sta 339+18.11

PRC Sta 340+18.35

PT Sta 340+68.21

PC Sta 341+18.19

PC Sta 342+68.44

PRC Sta 343+18.50

PT Sta 343+68.48

PT Sta 344+68.52

PC Sta 347+90.64

PT Sta 348+17.59

PT Sta 339+68.17

PT Sta 344+18.14

PT Sta 348+90.13

EX ROW

PR PCC SIDEWALK 6"

STA 341+92.83=
℄ CH 36

FUNKS RD (CH 36)

PR PIPE CULVERTS
CL D TY 1, 18" ERS x 20'
W. STD 542406 END SECTIONS
USFL 9.55' LT STA 342+30.31 685.55
DSFL 10.45' RT STA 342+30.31 685.45

PR PCC SIDEWALK 6"

OMISSION
STA 341+79.68 TO STA 342+05.98
SEE INTERSECTION DETAIL SHEET 40

BM#4 - MAG SPIKE IN POWER POLE
420' RT. STA. 341+66
ELEV. 679.69

BM#3A - STEEL ROD
109' LT. STA. 342+62
ELEV. 689.35

NW ¼ SEC 16, T22N, R1E, 3rd PM

PLAN
SURVEYED
PLOTTED
DRAWN BY
CHECKED
ALIGNMENT CHECKED
NOTE BOOK
NO.
CADD FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
DRAWN BY
CHECKED
ALIGNMENT CHECKED
NOTE BOOK
NO.
CADD FILE NAME
BY
DATE

700
695
690
685
680
675
670
665

℄ PR PROFILE

℄ EX PROFILE

VPI STA. 341+79.68
ELEVATION 687.78

VPI STA. 342+25.90
ELEVATION 687.61

+0.01%

+0.58%

+0.55%

+0.57%

+50.00 EL. 688.95

+00.00 EL. 688.89

+00.00 EL. 687.76

+00.00 EL. 684.33

400.00' V.C.

VPI STA. 346+60.00
ELEVATION 690.00

+0.53%

+0.13%

+60.00 EL. 690.25

SPECIAL DITCH RIGHT

PR PIPE CULVERT
CLASS D, TYPE 18" ERS

| | EXISTING | PROPOSED |
|---|---|---|
| 339+00 | 686.66 | 687.76 |
| | 686.24 | 687.76 |
| 340+00 | 686.43 | 687.77 |
| | 686.76 | 687.77 |
| 341+00 | 687.14 | 687.78 |
| | 687.70 | 687.78 |
| 342+00 | 687.76 | |
| | 687.40 | 687.85 |
| 343+00 | 687.11 | 688.11 |
| | 687.37 | 688.37 |
| 344+00 | 687.73 | 688.63 |
| | 688.22 | 688.90 |
| 345+00 | 688.64 | 689.15 |
| | 688.75 | 689.38 |
| 346+00 | 688.79 | 689.59 |
| | 688.88 | 689.77 |
| 347+00 | 688.98 | 689.92 |
| | 689.14 | 690.05 |
| 348+00 | 689.25 | 690.16 |
| | 689.20 | 690.24 |
| 349+00 | 689.10 | 690.30 |

MODEL: Default
FILE NAME: H:\2562 Mclean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-plan72.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-sht-plan72.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 100.0000 ' / In. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 8/29/2018 | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

PLAN AND PROFILE

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 19 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

NW $\frac{1}{4}$ SEC 16, T22N, R1E, 3rd PM

EX ROW

MATCH LINE STA 349+00.00

MATCH LINE STA 364+00.00

OLD US ROUTE 66

CONSTRUCTION LIMITS

℄ CONSTRUCTION

EX ROW

PR PIPE CULVERTS
CL D TY 1, 18" ERS x 30'
W. STD 542406 END SECTIONS
USFL 14.15' LT STA 359+96.65 686.55
DSFL 15.85' RT STA 359+96.65 686.30

BM#4A - MAG SPIKE IN POWER POLE
32' RT. STA. 350+29
ELEV. 689.51

BM#5A - MAG SPIKE IN POWER POLE
30' RT. STA. 357+99
ELEV. 690.29

TIMBER CREEK

NW $\frac{1}{4}$ SEC 16, T22N, R1E, 3rd PM

℄ PR PROFILE

℄ EX PROFILE

+90.00 EL. 690.92

120.00' V.C.

VPI STA. 354+50.00
ELEVATION 691.00

+10.00 EL. 690.78

+0.13%

-0.37%

+90.00 EL 689.37

120.00' V.C.

VPI STA. 359+50.00
ELEVATION 689.15

+10.00 EL 689.45

-0.22%

+0.50%

+40.00 EL 689.60

120.00' V.C.

VPI STA. 361+00.00
ELEVATION 689.91

+60.00 EL 689.89

+0.50%

-0.03%

PR PIPE CULVERT
CLASS D, TYPE 18" ERS

| | 705 | 700 | 695 | 690 | 685 | 680 | 675 | 670 | 665 |
|---|---|---|---|---|---|---|---|---|---|
| EXISTING | 689.10 | 689.22 | 689.35 | 689.37 | 689.36 | 689.62 | 689.85 | 689.85 | 689.83 |
| PROPOSED | 690.30 | 690.37 | 690.43 | 690.49 | 690.56 | 690.62 | 690.68 | 690.75 | 690.81 |
| STA | 349+00 | 350+00 | 351+00 | 352+00 | 353+00 | | | | |

| | 705 | 700 | 695 | 690 | 685 | 680 | 675 | 670 | 665 |
|---|---|---|---|---|---|---|---|---|---|
| EXISTING | 689.96 | 690.11 | 690.11 | 690.03 | 689.87 | 689.70 | 689.58 | 689.45 | 689.30 |
| PROPOSED | 690.87 | 690.93 | 690.93 | 690.81 | 690.63 | 690.45 | 690.26 | 690.08 | 689.89 |
| STA | 354+00 | 355+00 | 356+00 | 357+00 | 358+00 | 359+00 | 360+00 | 361+00 | 362+00 | 363+00 | 364+00 |
| EXISTING | 689.15 | 688.98 | 688.80 | 688.16 | 686.88 | 688.28 | 688.66 | 688.56 | 688.45 | 688.44 | 688.45 | 688.27 | 688.12 |
| PROPOSED | 689.70 | 689.52 | 689.34 | 689.28 | 689.41 | 689.65 | 689.83 | 689.89 | 689.88 | 689.86 | 689.85 | 689.83 | 689.82 |

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: k:\2562 McLean County Rt 66 Bike Trail\CAD\Sheets\2562-sht-plan72.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-sht-plan72.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 8/29/2018 | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

PLAN AND PROFILE

SCALE: SHEET OF SHEETS STA. TO STA.

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 20 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

NW ¼ SEC 16, T22N, R1E, 3rd PM

EX ROW

MATCH LINE STA 364+00.00

℄ CONSTRUCTION

OLD US ROUTE 66

CONSTRUCTION LIMITS

TIMBER CREEK

EX ROW

EX BOX CULVERT

PR PIPE CULVERTS
CL D TY 1, 18" x 36'
W. STD 542401 END SECTIONS
USFL 15.85' LT STA 375+00.00 685.20
DSFL 20.15' RT STA 375+00.00 684.10

B-5

B-4

B-3

PC Sta 374+85.97

PRC Sta 375+29.32

PI Sta 375+76.25

PT Sta 376+22.66

PC Sta 378+18.82

PI Sta 378+70.28

PI Sta 374+28.90

PT Sta 11+18.62

PI Sta 11+13.08

PC Sta 11+07.74

℄ SPUR

UPRR

STA 376+35.73 ℄ CONSTRUCTION=
STA 11+75.49 ℄ SPUR

PR PIPE CULVERTS
CL D TY 1, 18" ERS x 410'
W. STD 542406 END SECTIONS
USFL 13.4' LT STA 379+08.5 686.1
DSFL 20' LT STA 375+02.5 685.4

SAW CUT

PR PARKING LOT B
SEE SHEET 39
FOR DETAILS

MATCH LINE STA 379+00.00

STA 10+37.50
PR PEDESTRIAN TRUSS
SUPERSTRUCTURE
14' FACE TO FACE RAIL
128.33' BK TO BK ABUTS
(SEE SHEET 59)

PC Sta 9+38.68

PT Sta 9+72.68

PI Sta 9+57.32

SEE SHEET 30 FOR
ADDITIONAL SPUR DETAILS

BM#6A - MAG SPIKE IN POWER POLE
24' RT. STA. 365+63
ELEV. 690.26

BM#8 - CUT "□" ON CONCRETE PAVEMENT
255' RT STA. 372+97
ELEV. 681.04

BM#10 - MAG SPIKE IN POWER POLE
24' RT. STA. 373+25
ELEV. 689.59

BM#11 - MAG SPIKE IN POWER POLE
46' RT. STA. 378+36
ELEV. 689.33

NW ¼ SEC 16, T22N, R1E, 3rd PM

℄ PR PROFILE

℄ EX PROFILE

+40.00 EL. 689.75 | -0.03% | VPI STA. 367+00.00 ELEVATION 689.73 | -0.07% | +60.00 EL. 689.69 — 120.00' V.C.

+50.00 EL. 689.24 | -0.07% | VPI STA. 375+10.00 ELEVATION 689.20 | -0.56% | +0.00 EL. 688.86 — 120.00' V.C.

+75.00 EL. 688.84 | -0.56% | +0.40% | VPI STA. 376+35.00 ELEVATION 688.50 | +0.18% | +95.00 EL. 688.61 — 120.00' V.C.

+70.00 EL. 688.74 | +0.18% | +0.21% | VPI STA. 378+30.00 ELEVATION 688.85 | +90.00 EL. 688.98 — 120.00' V.C.

+50.00 EL. 687.05

+00.00 EL. 687.55

SPECIAL DITCH RIGHT

PR PIPE CULVERT
CLASS D, TYPE 18"

| | EXISTING | PROPOSED |
|---|---|---|
| 364+00 | 688.12 | 689.82 |
| 365+00 | 688.27 | 689.81 |
| | 688.39 | 689.79 |
| 366+00 | 688.40 | 689.78 |
| | 688.43 | 689.76 |
| 367+00 | 688.47 | 689.75 |
| | 688.43 | 689.73 |
| 368+00 | 688.47 | 689.70 |
| | 688.45 | 689.67 |
| 369+00 | 688.45 | 689.63 |
| | 688.46 | 689.60 |
| 370+00 | 688.41 | 689.57 |
| | 688.37 | 689.54 |
| 371+00 | 688.35 | 689.50 |
| | 688.29 | 689.47 |
| 372+00 | 688.18 | 689.44 |
| | 688.07 | 689.40 |
| 373+00 | 688.20 | 689.37 |
| | 688.33 | 689.34 |
| 374+00 | 688.53 | 689.31 |
| | 688.71 | 689.27 |
| 375+00 | 688.65 | 689.24 |
| | 684.82 | 689.16 |
| 376+00 | 687.30 | 688.97 |
| | 686.59 | 688.72 |
| 377+00 | 686.55 | 688.59 |
| | 686.61 | 688.62 |
| 378+00 | 686.52 | 688.71 |
| | 686.44 | 688.80 |
| | 686.56 | 688.90 |

705 700 695 690 685 680 675 670 665

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / ELEVATIONS CHECKED / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / ALIGNMENT CHECKED / ELEVATIONS CHECKED / NOTE BOOK / NO. / BY / DATE

MODEL: Default
FILE NAME: m:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-shts-plan172.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-shts-plan72.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 100.0000 ' / In. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 8/29/2018 | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

PLAN AND PROFILE

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 21 |
| CONTRACT NO. 91755 | | | |
| ILLINOIS FED. AID PROJECT | | | |

SE ¼ SEC 9, T22N, R1E, 3rd PM

UPRR

EX ROW

MATCH LINE STA 379+00.00

PRC Sta 379+21.25

PT Sta 379+72.70

PT Sta 380+28.67

POT Sta 381+00.00

SP Sta 381+00.00 AH

EQUATION: Sta 381+03.28 BK = Sta 381+00.00 AH

OLD US ROUTE 66

PR PIPE CULVERTS
CL D TY 1, 18" x 34'
W. STD 542401 END SECTIONS
USFL 16' LT STA 384+41.38 686.10
DSFL 18' RT STA 384+41.38 685.40

℄ CONSTRUCTION

CONSTRUCTION LIMITS

PC Sta 391+14.82

PT Sta 391+89.27

PC Sta 392+15.81

PT Sta 392+58.10

PT Sta 392+90.25

PC Sta 393+90.56

MATCH LINE STA 394+00.00

EX ROW

TIMBER CREEK

BM#12 - CUT "□" ON CONCRETE HEADWALL
29' LT. STA. 393+02
ELEV. 686.54

SE ¼ SEC 9, T22N, R1E, 3rd PM

+40.00 EL. 689.09

120.00' V.C.

+0.21%

VPI STA. 380+00.00
ELEVATION 689.21

-0.14%

+60.00 EL. 689.13

120.00' V.C.

+93.28 EL. 689.08

-0.14%

VPI STA. 381+50.00
ELEVATION 689.00

+0.23%

+10.00 EL. 689.13

+20.00 EL. 689.61

120.00' V.C.

+0.23%

VPI STA. 384+80.00
ELEVATION 689.75

+0.01%

+40.00 EL. 689.74

℄ PR PROFILE

℄ EX PROFILE

PR PIPE CULVERT
CLASS D, TYPE 18"

+40.00 EL. 689.66

120.00' V.C.

-0.01%

VPI STA. 393+00.00
ELEVATION 689.65

0.33%

+40.00 EL. 689.45

| | 705 | 700 | 695 | 690 | 685 | 680 | 675 | 670 | 665 |
|---|---|---|---|---|---|---|---|---|---|
| EXISTING | 687.30 | 689.00 | 687.65 | 689.11 | 688.06 | 689.16 | 687.95 | 689.14 | 687.89 | 689.07 | 687.92 | 689.05 | 687.99 | 689.11 | 688.15 | 689.22 | 688.34 | 689.34 | 688.58 | 689.45 | 688.75 | 689.57 | 687.02 | 689.67 | 688.36 | 689.73 | 688.38 | 689.74 | 688.41 | 689.74 | 688.56 | 689.73 | 688.79 | 689.72 | 688.85 | 689.72 | 688.82 | 689.71 | 688.74 | 689.70 | 688.63 | 689.70 | 688.53 | 689.69 | 688.44 | 689.69 | 688.41 | 689.68 | 688.40 | 689.67 | 688.28 | 689.67 | 687.91 | 689.66 | 687.45 | 689.65 | 687.54 | 689.60 | 687.47 | 689.49 | 687.54 | 689.32 |
| PROPOSED | | |

SE ¼ SEC 9, T22N, R1E, 3rd PM

N

UPRR

EX ROW

EX 15" CMP

EX 15" CONC

OLD US ROUTE 66

MATCH LINE STA 394+00.00

MATCH LINE STA 409+00.00

PI Sta 394+52.96

PT Sta 395+15.34

PC Sta 395+20.82

PT Sta 396+45.60

PI Sta 395+93.22

PC Sta 407+55.02

PI Sta 407+75.09

PT Sta 407+85.14

A

A

+19 AGG PE

MAINTAIN ACCESS TO PE AT ALL TIMES

EX BOX CULVERT

℄ CONSTRUCTION

CONSTRUCTION LIMITS

EX AGGREGATE SURFACE

8' 5' 5' 28'

EX AGGREGATE SURFACE

PR HMA SURFACE COURSE MIX "C" N50 3"

PR HMA SURFACE COURSE MIX "C" N50 3"

SECTION A-A
PE STA 397+19

EX ROW

ACCESS CONTROL LINE

BM#13 - CUT "□" ON CONCRETE HEADWALL
37' LT. STA. 400+52
ELEV. 688.00

SE ¼ SEC 9, T22N, R1E, 3rd PM

120.00' V.C.

200.00' V.C.

+55.00 EL. 688.50

VPI STA. 397+15.00
ELEVATION 688.30

+75.00 EL. 688.84

+14.37 EL. 689.20

VPI STA. 399+14.37
ELEVATION 690.10

+14.37 EL. 690.29

℄ PR PROFILE

℄ EX PROFILE

0.33%

+0.90%

+0.90%

+0.19%

+0.29%

+46.72 R 2

EL. 688.30

+96.72 R 2

EL. 690.80

SPECIAL DITCH RIGHT

| | 394+00 | 395+00 | 396+00 | 397+00 | 398+00 | 399+00 | 400+00 | 401+00 | 402+00 | 403+00 | 404+00 | 405+00 | 406+00 | 407+00 | 408+00 | 409+00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXISTING | 687.54 | 687.70 | 687.89 | 688.13 | 688.49 | 688.61 | 688.32 | 688.58 | 688.82 | 689.01 | 689.16 | 689.25 | 689.30 | 689.25 | 689.57 | 689.78 |
| PROPOSED | 689.32 | 689.16 | 689.00 | 688.84 | 688.67 | 688.51 | 688.45 | 688.65 | 689.07 | 689.50 | 689.84 | 690.10 | 690.26 | 690.36 | 690.46 | 690.56 |

| | 689.87 | 690.00 | 690.16 | 690.18 | 690.12 | 690.12 | 690.18 | 690.34 | 690.58 | 690.67 | 690.65 | 690.70 | 690.92 | 691.14 | 691.29 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 690.65 | 690.75 | 690.85 | 690.95 | 691.04 | 691.14 | 691.24 | 691.33 | 691.43 | 691.53 | 691.62 | 691.72 | 691.82 | 691.92 | 692.01 |

705 700 695 690 685 680 675 670 665

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / ELEVATIONS CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / DRAWN / CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

MODEL: Default
FILE NAME: H:\2562 Mclean County Rt 66 Bike Trail\C&I\PS\sheet-u2562-shl-plan72.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-shl-plan72.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 8/29/2018 | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

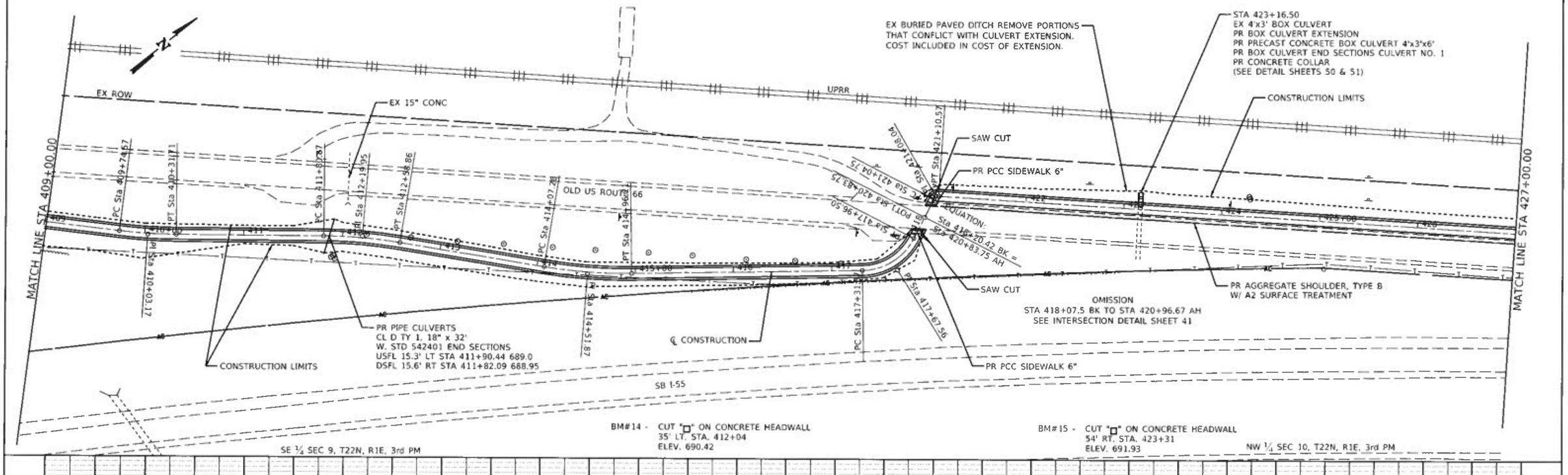
PLAN AND PROFILE

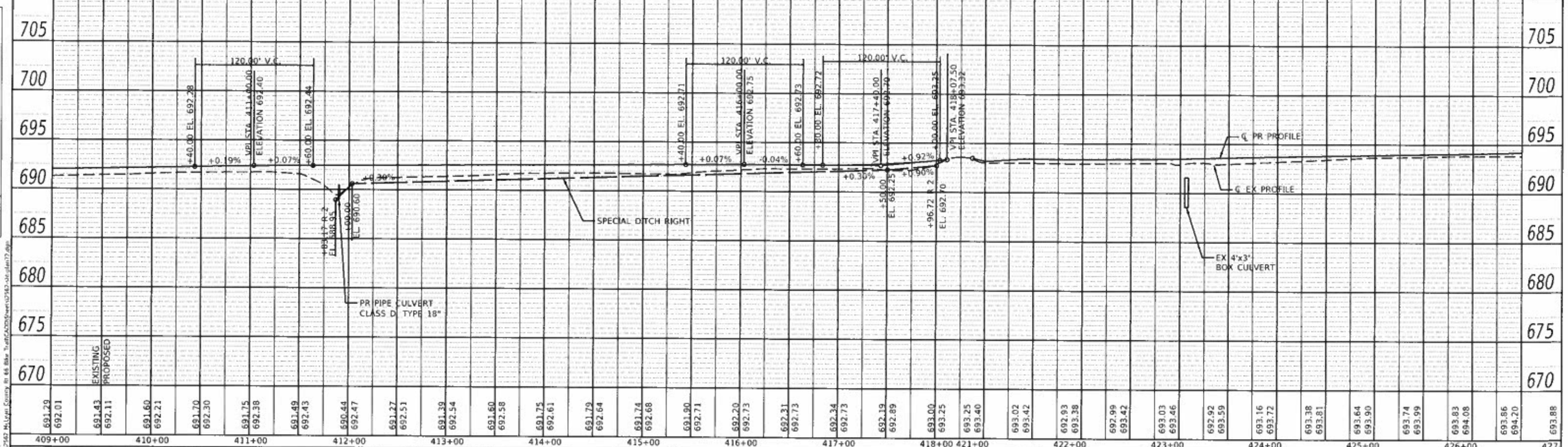
SCALE: | SHEET OF SHEETS | STA. | TO STA.

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 23 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

SE ¼ SEC 9, T22N, R1E, 3rd PM

NW ¼ SEC 10, T22N, R1E, 3rd PM




| | | | | |
|---|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2582 | DESIGNED - NAK | REVISED - | MCLEAN COUNTY RTE 66 BIKE TRAIL |
| | FILE NAME = 2582-sheetplan72.dgn | DRAWN - SJS | REVISED - | PLAN AND PLOT |
| | PLOT SCALE = 100.0000 ' / In. | CHECKED - NAK | REVISED - | SCALE: SHEET OF SHEETS STA. TO STA. |
| | PLOT DATE = 4/8/2019 | DATE - 8/29/2018 | REVISED - | |

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 24 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: H:\2582 McLean County Rt 66 Bike Trail\CADD\Sheets\2582-sht-plan72.dgn

NW ¼ SEC 10, T22N, R1E, 3rd PM

N

MATCH LINE STA 427+00.00

MATCH LINE STA 442+00.00

CONSTRUCTION LIMITS

℄ CONSTRUCTION

EX ROW

UPRR

EX 72" CMP

STA 436+76.50
EX DOUBLE 7' X 4' BOX CULVERT
PR BOX CULVERT EXTENSION
(SEE DETAIL SHEETS 52 & 53)

PR CHAIN LINK FENCE 6', ATTACHED TO STRUCTURE
PR CHAIN LINK FENCE 6' (SPECIAL)
(SEE DETAIL SHEET 49)

PC Sta 439+15.81

PT Sta 439+22.54

427 | 428 | 429 | 430+00 | 431 | 432 | 433 | 434 | 435+00 | 436 | 437 | 438 | 439 | 440+00 | 441

OLD US ROUTE 66

AC | AC | AC | AC | AC | AC | AC | AC | AC

PR AGGREGATE SHOULDER, TYPE B
W/ A2 SURFACE TREATMENT

SB I-55

BM#16 - CUT "□" ON CONCRETE RETURN
36' RT. STA. 429+90
ELEV. 694.92

NW ¼ SEC 10, T22N, R1E, 3rd PM

BM#17 - CUT "□" ON CONCRETE HEADWALL
1' LT. STA. 436+77
ELEV. 695.83

NB I-55

715 710 705 700 695 690 685 680 675

℄ PR PROFILE

℄ EX PROFILE

EX DOUBLE
7'x4' BOX CULVERT

| | 427+00 | 428+00 | 429+00 | 430+00 | 431+00 | 432+00 | 433+00 | 434+00 | 435+00 | 436+00 | 437+00 | 438+00 | 439+00 | 440+00 | 441+00 | 442+00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXISTING | 693.88 | 694.03 | 694.18 | 694.21 | 694.28 | 694.50 | 694.68 | 694.68 | 694.68 | 694.83 | 694.95 | 695.05 | 695.15 | 695.30 | 695.47 | 695.55 |
| PROPOSED | 694.31 | 694.43 | 694.55 | 694.65 | 694.75 | 694.84 | 694.93 | 695.04 | 695.16 | 695.30 | 695.45 | 695.56 | 695.67 | 695.76 | 695.85 | 695.95 |
| | 695.58 | 695.63 | 695.64 | 695.68 | 695.59 | 696.06 | 696.39 | 696.40 | 696.42 | 696.48 | 696.44 | 696.52 | 696.58 | 696.70 | 696.85 | |
| | 696.05 | 696.14 | 696.23 | 696.34 | 696.44 | 696.54 | 696.64 | 696.75 | 696.87 | 696.96 | 697.05 | 697.15 | 697.24 | 697.36 | 697.47 | |

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / PLAN SHEET NO. / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / NOTE BOOK / NO. / STRUCTURE INFORMATION / BY / DATE

MODEL: Default
FILE NAME: c:\c3d\562 Mclean County Rt 66 Bike Trail\CADD\Sheets\2562-ctrl-plan72.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-ctrl-plan72.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 8/29/2018 | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

PLAN AND PROFILE

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 25 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

NW ¼ SEC 10, T22N, R1E, 3rd PM

SE ¼ SEC 3, T22N, R1E, 3rd PM

N

MATCH LINE STA 442+00.00

MATCH LINE STA 457+00.00

CONSTRUCTION LIMITS

UPRR

℄ CONSTRUCTION

EX ROW

442 | 443 | 444 | 445+00 | 446 | 447 | 448 | 449 | 450+00 | 451 | 452 | 453 | 454 | 455+00 | 456

OLD US ROUTE 66

AC

PR AGGREGATE SHOULDER, TYPE B
W/ A2 SURFACE TREATMENT

SB I-55

BM#18 - MAG NAIL IN EDGE OF PAVEMENT
32' RT. STA. 450+07
ELEV. 699.44

NB I-55

NW ¼ SEC 10, T22N, R1E, 3rd PM

SE ¼ SEC 3, T22N, R1E, 3rd PM

PLAN
SURVEYED
PLOTTED
DRAWN / CHECKED
BENCHMARK
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
DRAWN / CHECKED
BENCHMARK
NOTE BOOK
NO.
STRUCTURE NOTATIONS ADDED

715 | 710 | 705 | 700 | 695 | 690 | 685 | 680 | 675

℄ PR PROFILE

℄ EX PROFILE

| | 442+00 | 443+00 | 444+00 | 445+00 | 446+00 | 447+00 | 448+00 | 449+00 | 450+00 | 451+00 | 452+00 | 453+00 | 454+00 | 455+00 | 456+00 | 457+00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXISTING | 696.85 | 696.97 | 697.08 | 697.20 | 697.32 | 697.42 | 697.54 | 697.67 | 697.79 | 698.03 | 698.25 | 698.39 | 698.51 | 698.50 | 698.52 | 698.72 |
| | 697.47 | 697.62 | 697.76 | 697.87 | 697.98 | 698.07 | 698.16 | 698.22 | 698.28 | 698.40 | 698.51 | 698.60 | 698.69 | 698.79 | 698.89 | 698.96 |
| PROPOSED | | | | | | | | | | | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | 698.91 | 699.03 | 699.19 | 699.28 | 699.40 | 699.60 | 699.80 | 700.05 | 700.32 | 700.53 | 700.74 | 700.93 | 701.13 | 701.45 | 701.95 |
| | 699.04 | 699.15 | 699.26 | 699.42 | 699.57 | 699.79 | 700.01 | 700.27 | 700.54 | 700.82 | 701.10 | 701.43 | 701.77 | 702.11 | 702.44 |

MODEL: Default
N:\Projects\19\2562 McLean County Rt. 66 Bike Trail\PDF\Sheets\2562-sht-plan72.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-sht-plan72.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 8/29/2018 | REVISED - | |

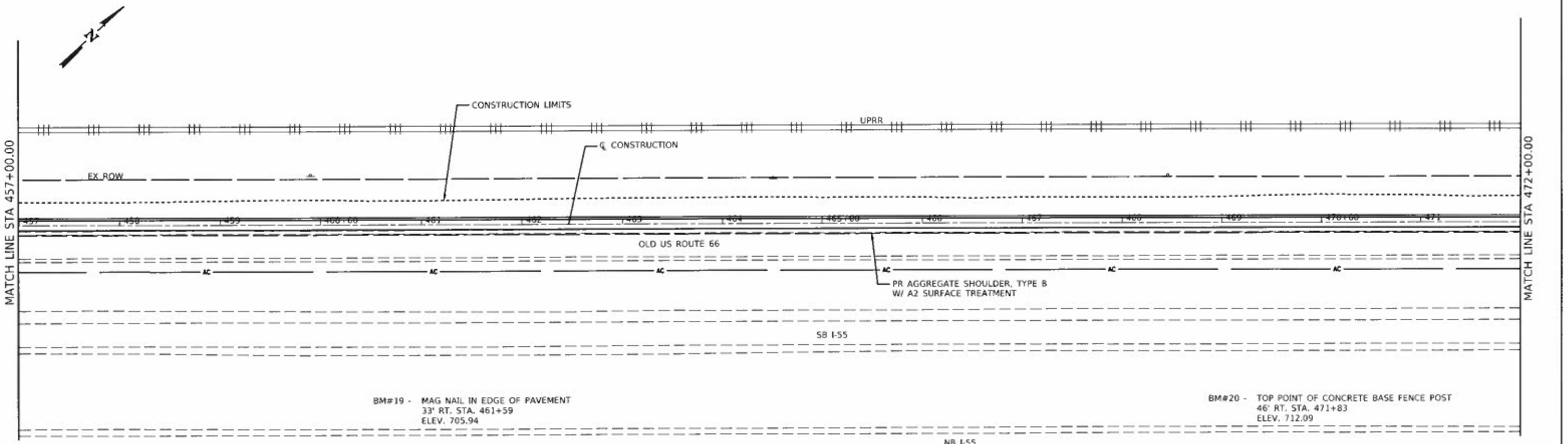
MCLEAN COUNTY
RTE 66 BIKE TRAIL

PLAN AND PROFILE

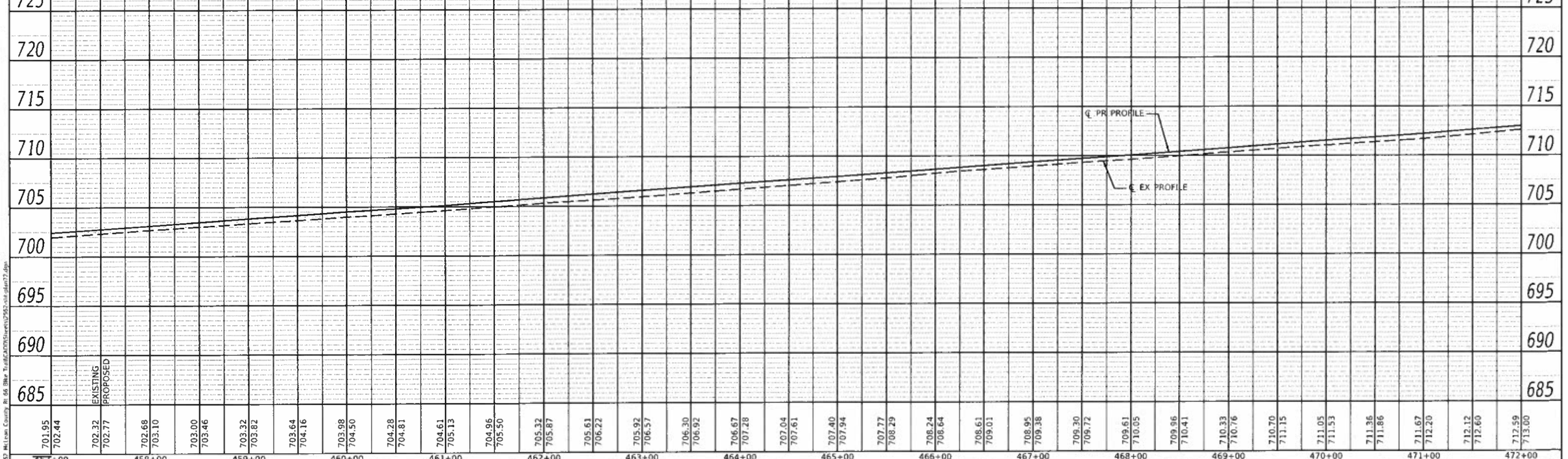
SCALE: | SHEET OF SHEETS | STA. | TO STA.

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 26 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

SE ¼ SEC 3, T22N, R1E, 3rd PM




SE ¼ SEC 3, T22N, R1E, 3rd PM




PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / PROFILE CHECKED / B.M. NOTED / STRUCTURE NO'S/TYPE CHKD / NOTE BOOK / NO. / BY / DATE

MODEL: Default
FILE NAME: H:\2562 McLean County Rt. 66 Bike Trail\CADD\Sheets\2562-roll-plan72.dgn

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2562 | DESIGNED - NAK | REVISED - |
| | FILE NAME = 2562-sht-plan72.dgn | DRAWN - SJS | REVISED - |
| | PLOT SCALE = 100.0000 ' / In. | CHECKED - NAK | REVISED - |
| | PLOT DATE = 4/8/2019 | DATE - 8/29/2018 | REVISED - |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

PLAN AND PLOTFILE

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 27 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

SE ¼ SEC 3, T22N, R1E, 3rd PM

N

E 750N

OMISSION
STA 484+99.34 TO STA 485+73.06
(SEE INTERSECTION DETAIL SHEET 42)

UPRR

MATCH LINE STA 472+00.00

CONSTRUCTION LIMITS

℄ CONSTRUCTION

EX ROW

PR PCC SIDEWALK 6"

PR PCC SIDEWALK 6"

472 | 473 | 474 | 475+00 | 476 | 477 | 478 | 479 | 480+00 | 481 | 482 | 483 | 484 | 485+00 | 486

OLD US ROUTE 66

SAW CUT

SAW CUT

AC AC AC AC AC AC AC AC AC

PR AGGREGATE SHOULDER, TYPE B
W/ A2 SURFACE TREATMENT

STA 485+39.48=
℄ E 750N

SB I-55

MATCH LINE STA 487+00.00

BM#21 - TOP POINT OF CONCRETE BASE FENCE POST
46' RT. STA. 484+92
ELEV. 721.00

SE ¼ SEC 3, T22N, R1E, 3rd PM

NB I-55

PLAN
SURVEYED
PLOTTED
AS-BUILT CHECKED
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
AS-BUILT CHECKED
NOTE BOOK
NO.
BY
DATE

735
730
725
720
715
710
705
700
695

℄ PR PROFILE

℄ EX PROFILE

| | 472+00 | 473+00 | 474+00 | 475+00 | 476+00 | 477+00 | 478+00 | 479+00 | 480+00 | 481+00 | 482+00 | 483+00 | 484+00 | 485+00 | 486+00 | 487+00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXISTING | 712.59 | 713.37 | 713.73 | 714.08 | 714.44 | 714.81 | 715.17 | 715.50 | 715.84 | 716.20 | 716.56 | 716.92 | 717.27 | 717.61 | 717.95 | 718.29 |
| PROPOSED | 713.00 | 712.97 | 713.37 | 713.68 | 713.96 | 714.37 | 714.78 | 715.13 | 715.65 | 715.93 | 716.45 | 716.73 | 717.01 | 717.32 | 717.65 | 717.81 |

| | 718.63 | 718.55 | 718.97 | 719.05 | 719.30 | 719.28 | 719.58 | 719.49 | 719.85 | 719.69 | 720.13 | 720.03 | 720.41 | 720.25 | 720.64 | 720.50 | 720.86 | 720.79 | 721.09 | 721.49 | 721.49 | 721.71 | 721.61 | 721.24 | 721.69 | 721.36 | 721.87 | 721.52 | 722.04 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXISTING | 718.05 | 718.55 | 718.97 | 719.05 | 719.30 | 719.28 | 719.58 | 719.49 | 719.85 | 719.69 | 720.13 | 720.03 | 720.41 | 720.25 | 720.64 | 720.50 | 720.86 | 720.79 | 721.09 | 721.49 | 721.49 | 721.71 | 721.61 | 721.24 | 721.69 | 721.36 | 721.87 | 721.52 | 722.04 |
| PROPOSED | 718.63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

MODEL: Default
FILE NAME: ed3562 Mclean County Rt. 66 Bike Trail\CADD\Sheets\25562-sht-plan72.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-sht-plan72.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 100.0000 ' / In. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 8/29/2018 | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

PLAN AND PROFILE

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 28 |
| CONTRACT NO. 91755 | | | |
| ILLINOIS FED. AID PROJECT | | | |

SE ¼ SEC 3, T22N, R1E, 3rd PM

NW ¼ SEC 2, T22N, R1E, 3rd PM

STA 491+35
EX 4'x3' BOX CULVERT
PR BOX CULVERT EXTENSION
PR PRECAST CONCRETE BOX CULVERT 4'x3'x6'
PR BOX CULVERT END SECTIONS CULVERT NO. 2
PR CONCRETE COLLAR
(SEE DETAIL SHEETS 50 & 51)

STA 497+30
EX 15" CONCRETE PIPE
PR PRECAST CONCRETE FLARED END SEC 15"
PR CONCRETE COLLAR
PR CONC HEADWALL REMOVAL

PR PIPE CULVERT
CL D TY 1 18"ERS X 28'
W/STD 542406 END SECTIONS
USFL 13.00' LT STA. 500+27.6 722.8
DSFL 13.85' RT STA. 500+19.6 722.7

UPRR

CONSTRUCTION LIMITS

℄ CONSTRUCTION

EX ROW

MATCH LINE STA 487+00.00

OLD US ROUTE 66

PR AGGREGATE SHOULDER, TYPE B
W/ A2 SURFACE TREATMENT

EX 15" CONC

EX SHELTER

EX PARKING LOT

EX 24" CMP

PR PCC SIDEWALK 6"

SAW CUT

PC Sta 499+64.73

PT Sta 499+68.43

PT Sta 499+71.10

PT Sta 500+80.79

POT Sta 501+00.00

PC Sta 500+36.00

EX BIKE TRAIL

END SECTION
STA 500+80.80

SB I-55

NB I-55

BM#22 - CUT "□" ON CONCRETE HEADWALL
18' LT. STA. 491+35
ELEV. 718.32

OMISSION
STA 499+77.13 TO STA 500+01.93
(SEE INTERSECTION DETAIL SHEET 43)

SE ¼ SEC 3, T22N, R1E, 3rd PM

NW ¼ SEC 2, T22N, R1E, 3rd PM

740 735 730 725 720 715 710 705 700

℄ PR PROFILE

℄ EX PROFILE

EX 4'x3' BOX CULVERT

EX 15" CONC PIPE

| | 487+00 | 488+00 | 489+00 | 490+00 | 491+00 | 492+00 | 493+00 | 494+00 | 495+00 | 496+00 | 497+00 | 498+00 | 499+00 | 500+00 | 501+00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXISTING | 721.52 | 721.69 | 721.85 | 722.01 | 722.16 | 722.22 | 722.29 | 722.36 | 722.43 | 722.49 | 722.72 | 723.03 | 723.32 | 723.44 | 723.56 |
| PROPOSED | 722.04 | 722.19 | 722.33 | 722.46 | 722.59 | 722.73 | 722.87 | 722.94 | 723.02 | 723.16 | 723.35 | 723.54 | 723.73 | 723.87 | 724.02 |
| EXISTING | 723.69 | 723.85 | 724.00 | 724.12 | 724.26 | 724.53 | 724.78 | 724.81 | 724.83 | 724.95 | 725.02 | 726.03 | 725.19 | 725.97 | |
| PROPOSED | 724.13 | 724.25 | 724.45 | 724.64 | 724.76 | 724.87 | 725.00 | 725.16 | 725.31 | 725.46 | 725.62 | 725.92 | 725.81 | | |

PLAN — SURVEYED — PLOTTED — NOTE BOOK — NO. — BY — DATE

PROFILE — SURVEYED — PLOTTED — NOTE BOOK — NO. — BY — DATE

MODEL: Default
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CEC Cummins Engineering Corporation
Civil and Structural Engineering

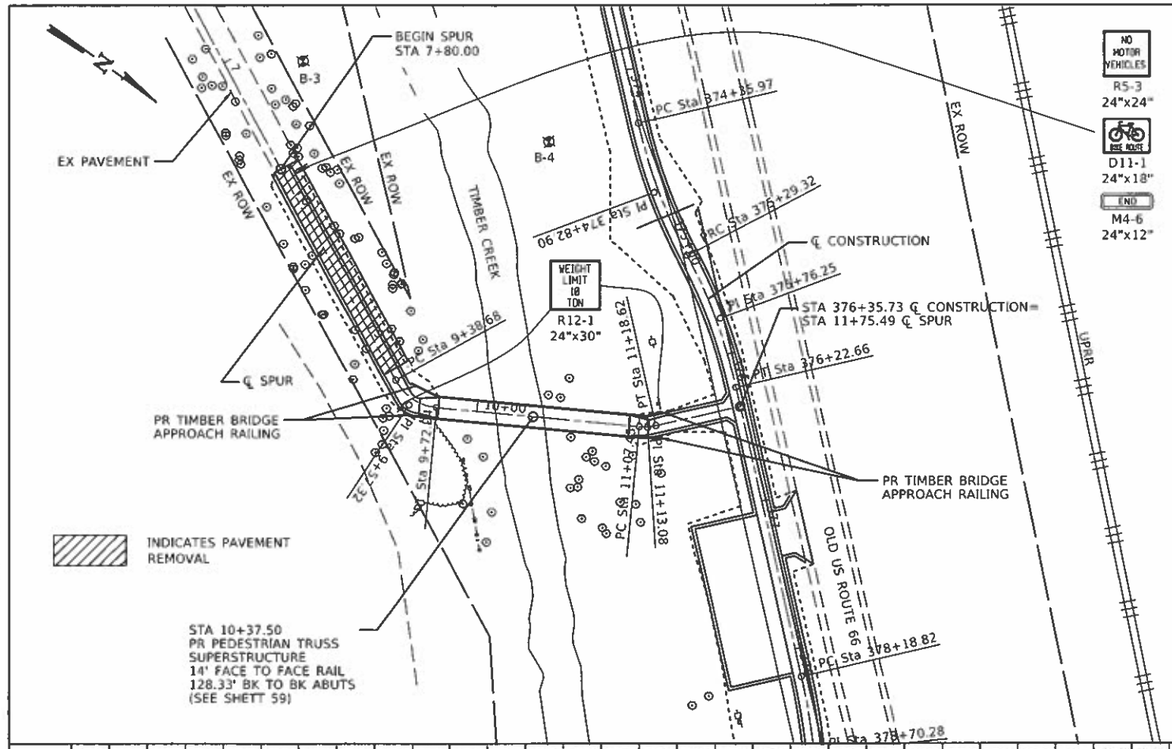
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| JOB = 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-sht-plan72.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 8/29/2018 | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

PLAN AND PROFILE

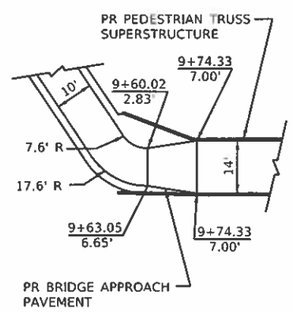
SCALE: | SHEET OF SHEETS | STA. | TO STA.

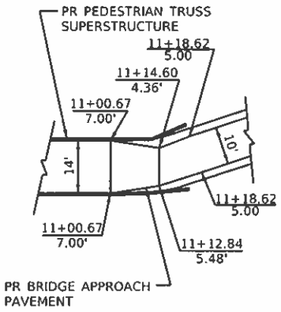
| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 29 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |



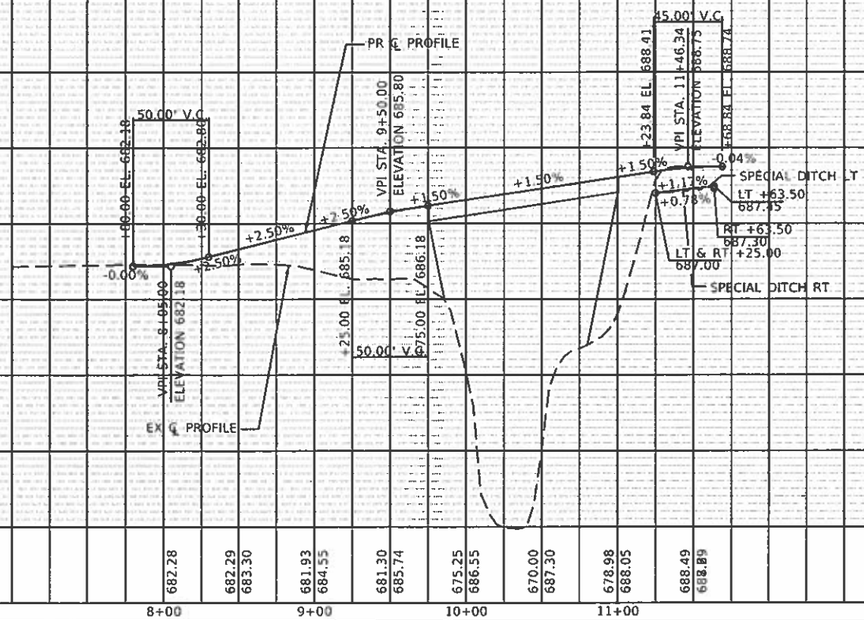

PROP. CURVE SPUR6
PI STA. = 9+57.32
Δ = 56° 05' 42" (LT)
D = 163° 42' 08"
R = 35.00'
T = 18.65'
L = 34.27'
E = 4.66'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 9+38.68
P.T. STA. = 9+72.94

PROP. CURVE SPUR7
PI STA. = 11+13.08
Δ = 18° 17' 25" (LT)
D = 163° 42' 08"
R = 35.00'
T = 5.63'
L = 11.17'
E = 0.45'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 11+07.45
P.T. STA. = 11+18.62




PAVEMENT TRANSITION DETAIL
AT BRIDGE APPROACH PAVEMENT




| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2562 | DESIGNED - NAK | REVISED - |
| | FILE NAME = 2562-sht-spur61.dgn | DRAWN - SJS | REVISED - |
| | PLOT SCALE = 100.0000 ' / In. | CHECKED - NAK | REVISED - |
| | PLOT DATE = 4/8/2019 | DATE - 10/29/2018 | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**PLAN AND PROFILE**

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 30 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\PLANS\Sheets\2562-sht-spur61.dgn

SE ¼ SEC 17, T22N, R1E, 3rd PM

EX ROW

STA 321+26

OLD US ROUTE 66

320+00

321

322

323

324

325+00

326

327

328

329

330+00

331

332

MATCH LINE STA 336+00.00

℄ CONSTRUCTION

EX ROW

N 800E

SEC 16, T22N, R1E, 3rd PM

LEGEND

SEEDING CLASS 2
TEMPORARY EROSION CONTROL SEEDING

PERIMETER EROSION BARRIER

INLET AND PIPE PROTECTION

TEMPORARY DITCH CHECK

SE ¼ SEC 17, T22N, R1E, 3rd PM

NW ¼ SEC 16, T22N, R1E, 3rd PM

MATCH LINE STA 336+00

OLD US ROUTE 66

STA 342+30.31

MATCH LINE STA 351+0.00

334

335+00

336

337

338

339

340+00

341

342

343

344

345+00

346

347

348

℄ CONSTRUCTION

EX ROW

STA 349+00

CH 36

TIMBER CREEK

NW ¼ SEC 16, T22N, R1E, 3rd PM

MODEL: Default
FILE NAME: H:\7562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-erosion.dgn

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2562 | DESIGNED - NAK | REVISED - |
| | FILE NAME = 2562-sht-erosion.dgn | DRAWN - SJS | REVISED - |
| | PLOT SCALE = 100.0000 ' / In. | CHECKED - NAK | REVISED - |
| | PLOT DATE = 4/8/2019 | DATE - 10/19/2019 | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**EROSION CONTROL PLAN**

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 31 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |

NW ¼ SEC 16, T22N, R1E, 3rd PM

MATCH LINE STA 351+00.00

OLD US ROUTE 66

STA 359+96.65

MATCH LINE STA 366+00.00

℄ CONSTRUCTION

EX ROW

LEGEND

SEEDING CLASS 2
TEMPORARY EROSION CONTROL SEEDING

PERIMETER EROSION BARRIER

INLET AND PIPE PROTECTION

TEMPORARY DITCH CHECK

NW ¼ SEC 16, T22N, R1E, 3rd PM

NW ¼ SEC 16, T22N, R1E, 3rd PM

MATCH LINE STA 366+00.00

OLD US ROUTE 66

STA 375+00

STA 11+25

STA 11+25

STA 375+25

MATCH LINE STA 381+00.00

℄ CONSTRUCTION

TIMBER CREEK

EX ROW

NW ¼ SEC 16, T22N, R1E, 3rd PM

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-erosion.dgn

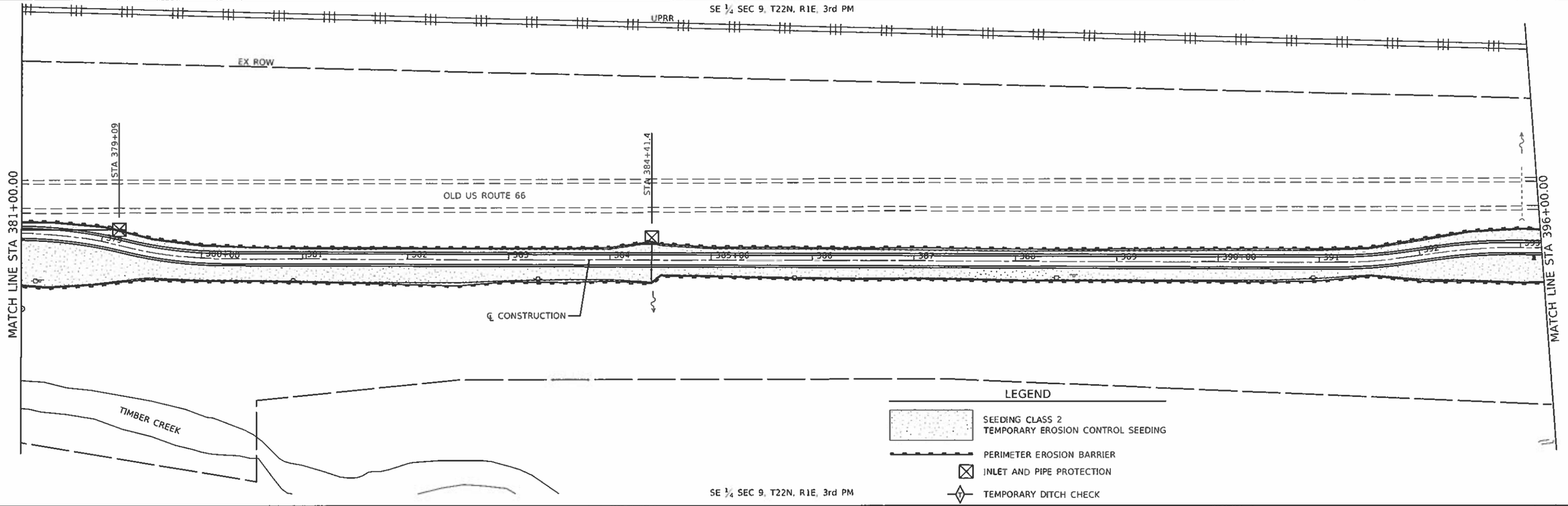
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| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2562 | DESIGNED - NAK | REVISED - |
| | FILE NAME = 2562-sht-erosion.dgn | DRAWN - SJS | REVISED - |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - NAK | REVISED - |
| | PLOT DATE = 4/8/2019 | DATE - 10/19/2019 | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**EROSION CONTROL PLAN**

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 32 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |




MODEL: Default
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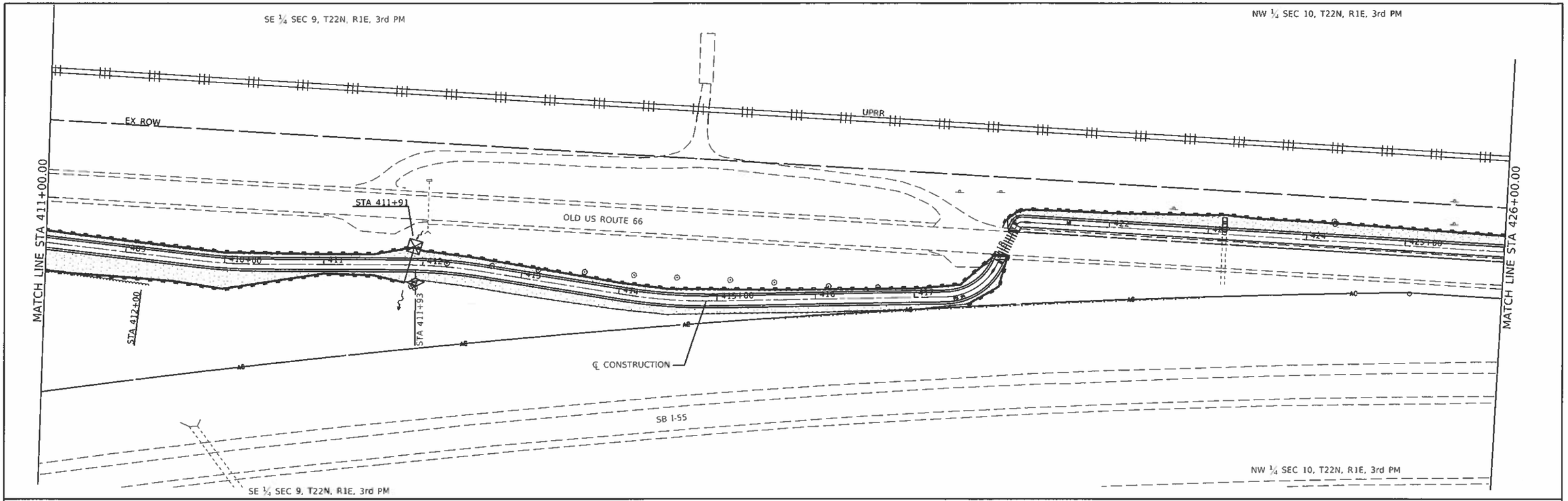
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| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2562 | DESIGNED - NAK | REVISED - |
| | FILE NAME = 2562-sht-erosion.dgn | DRAWN - SJS | REVISED - |
| | PLOT SCALE = 100.0000 ' / In. | CHECKED - NAK | REVISED - |
| | PLOT DATE = 4/8/2019 | DATE - 10/19/2019 | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**EROSION CONTROL PLAN**

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 33 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |




MODEL: Default
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| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2562 | DESIGNED - NAK | REVISED - |
| | FILE NAME = 2562-sht-erosion.dgn | DRAWN - SJS | REVISED - |
| | PLOT SCALE = 100.0000 ' / in. | CHECKED - NAK | REVISED - |
| | PLOT DATE = 4/8/2019 | DATE - 10/19/2019 | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**EROSION CONTROL PLAN**

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

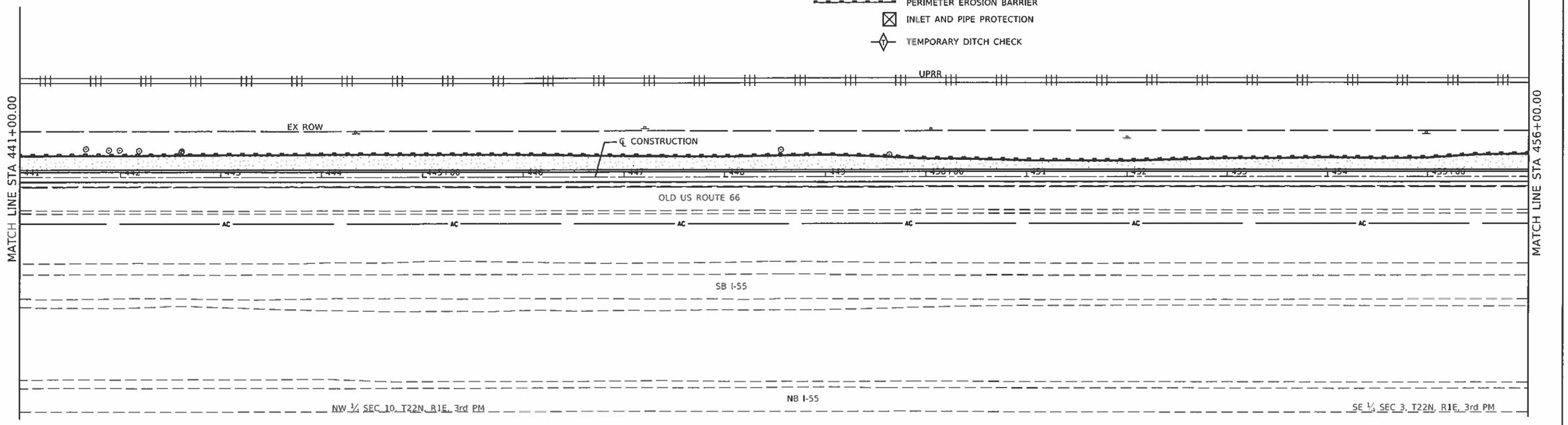
| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 34 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |

NW ¼ SEC 10, T22N, R1E, 3rd PM

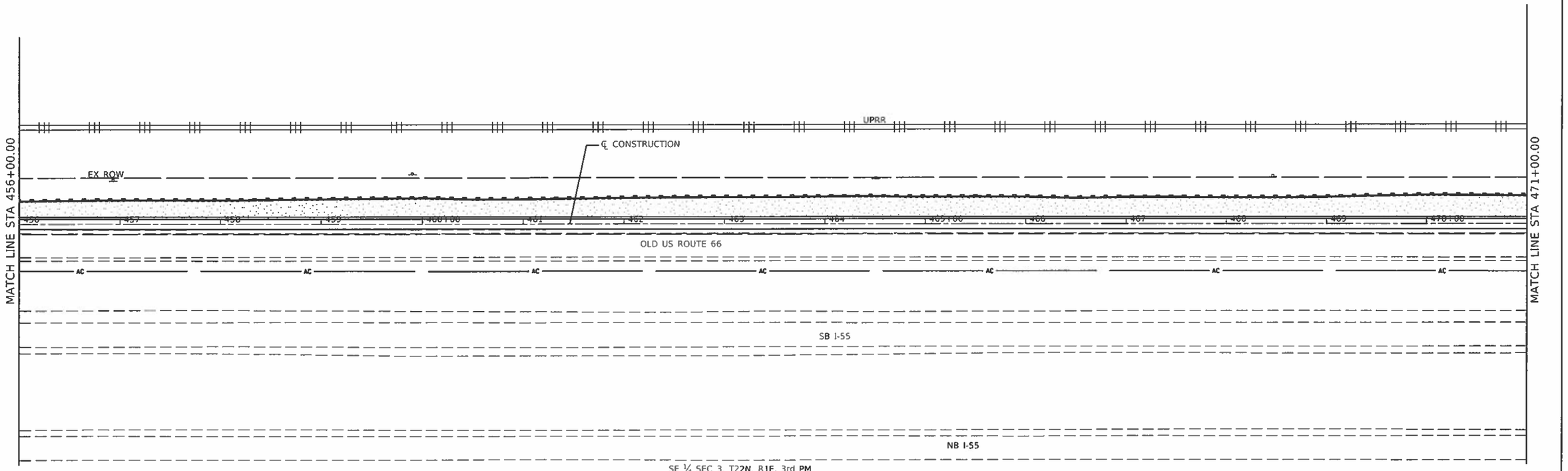
SE ¼ SEC 3, T22N, R1E, 3rd PM

## LEGEND

- SEEDING CLASS 2 TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK




SE ¼ SEC 3, T22N, R1E, 3rd PM




MODEL: Default
FILE NAME: H:\2562 Mclean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-erosion.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

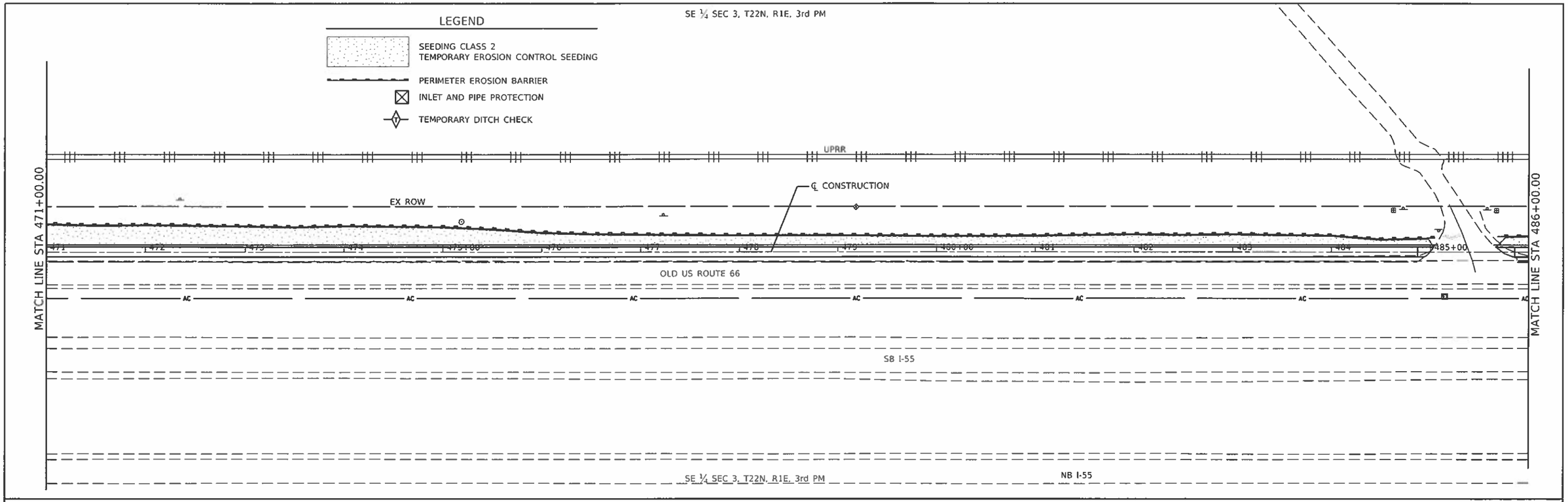
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| PLOT SCALE = 100.0000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 10/19/2019 | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**EROSION CONTROL PLAN**

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 35 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |




MODEL: Default
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CEC Cummins Engineering Corporation
Civil and Structural Engineering

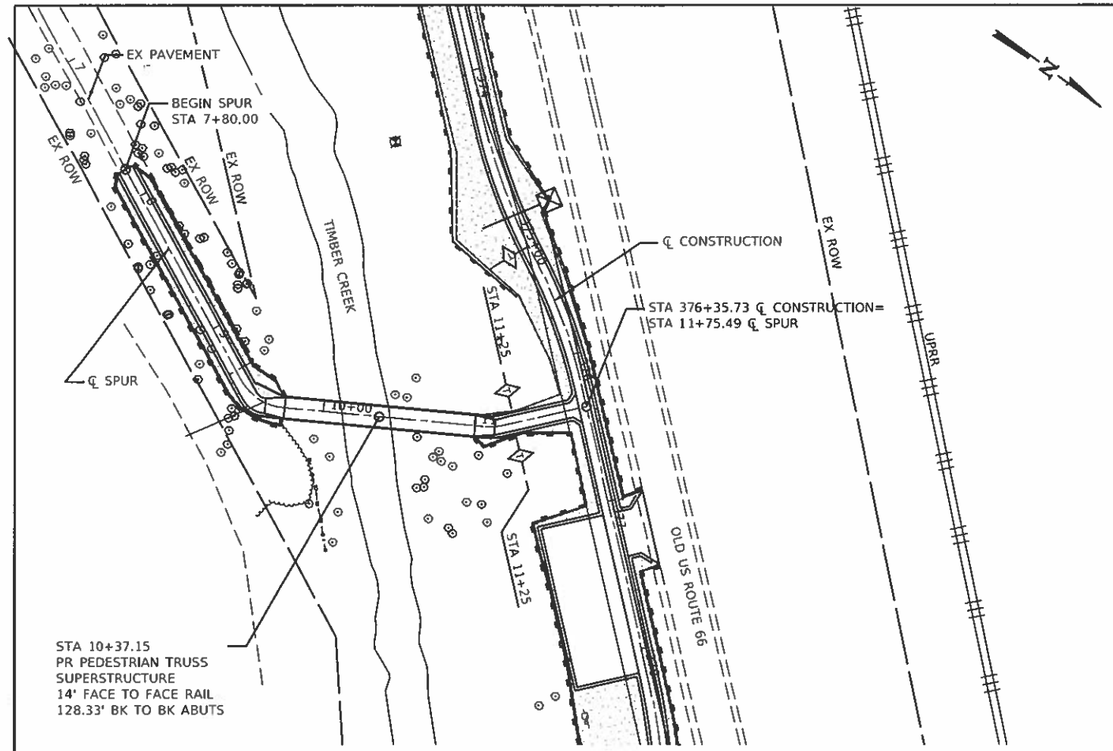
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| FILE NAME = 2562-sht-erosion.dgn | DRAWN - SJS | REVISED - | |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 10/19/2019 | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**EROSION CONTROL PLAN**

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 36 |
| CONTRACT NO. 91755 | | | |
| ILLINOIS FED. AID PROJECT | | | |




PROP. CURVE SPUR6
PI STA. = 9+57.32
Δ = 56° 05' 42" (LT)
D = 163° 42' 08"
R = 35.00'
T = 18.65'
L = 34.27'
E = 4.66'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 9+38.68
P.T. STA. = 9+72.94

PROP. CURVE SPUR7
PI STA. = 11+13.08
Δ = 18° 17' 25" (LT)
D = 163° 42' 08"
R = 35.00'
T = 5.63'
L = 11.17'
E = 0.45'
e = ____
T.R. = ____
S.E. RUN = ____
P.C. STA. = 11+07.45
P.T. STA. = 11+18.62

LEGEND

SEEDING CLASS 2
TEMPORARY EROSION CONTROL SEEDING

PERIMETER EROSION BARRIER

INLET AND PIPE PROTECTION

TEMPORARY DITCH CHECK

MODEL: Default
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CEC Cummins Engineering Corporation
Civil and Structural Engineering

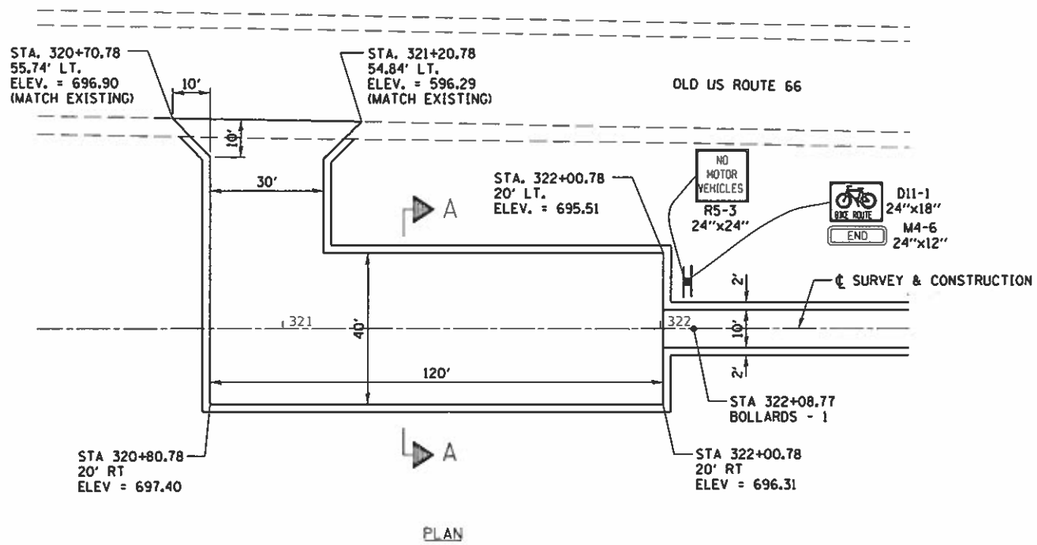
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| PLOT SCALE = 100.0000 ' / In. | CHECKED – NAK | REVISED – | |
| PLOT DATE = 4/8/2019 | DATE – 10/19/2019 | REVISED – | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

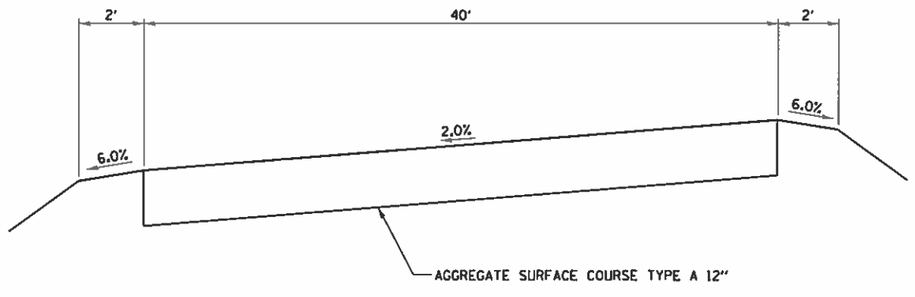
**EROSION CONTROL PLAN**

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

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 37 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

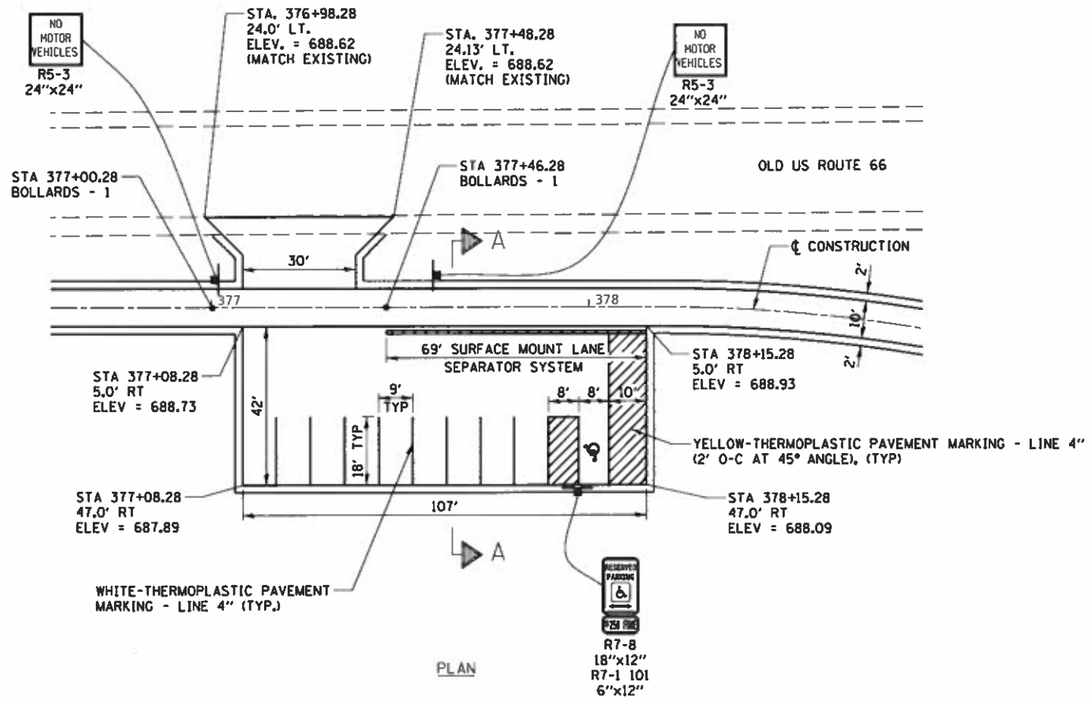



PLAN

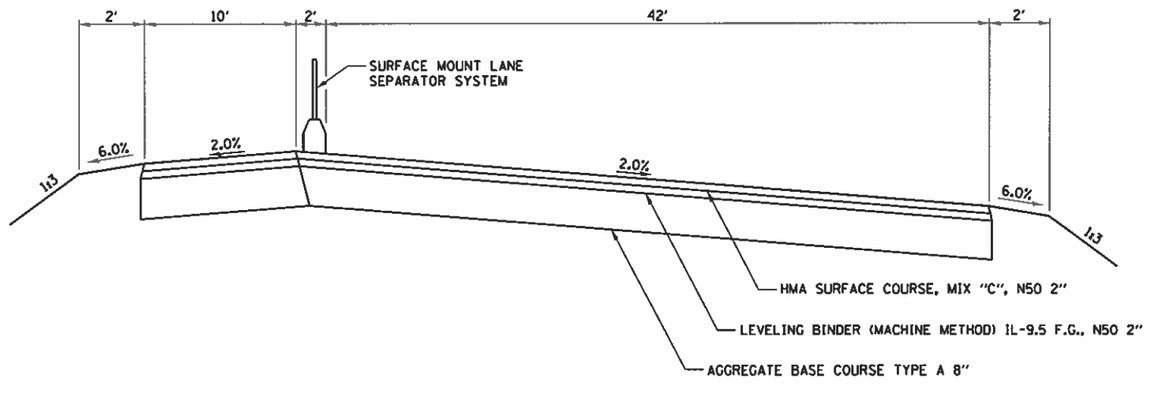



SECTION A-A

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2562<br>FILE NAME = 2562-sht-parkinglot.dgn<br>PLOT SCALE = 40.000 ' / in.<br>PLOT DATE = 4/8/2019 | DESIGNED -<br>DRAWN -<br>CHECKED -<br>DATE - | REVISED -<br>REVISED -<br>REVISED -<br>REVISED - | MCLEAN COUNTY<br>RTE 66 BIKE TRAIL | PARKING LOT DETAILS – LOT A<br>SCALE: SHEET NO. OF SHEETS STA. TO STA. | | | | |
| | | | | | F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | | | | | 17-00001-05-BT | MCLEAN | 134 | 38 |
| | | | | | | | CONTRACT NO. 91755 | | |
| | | | | | FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |




PLAN




SECTION A-A

CEC Cummins Engineering Corporation
Civil and Structural Engineering

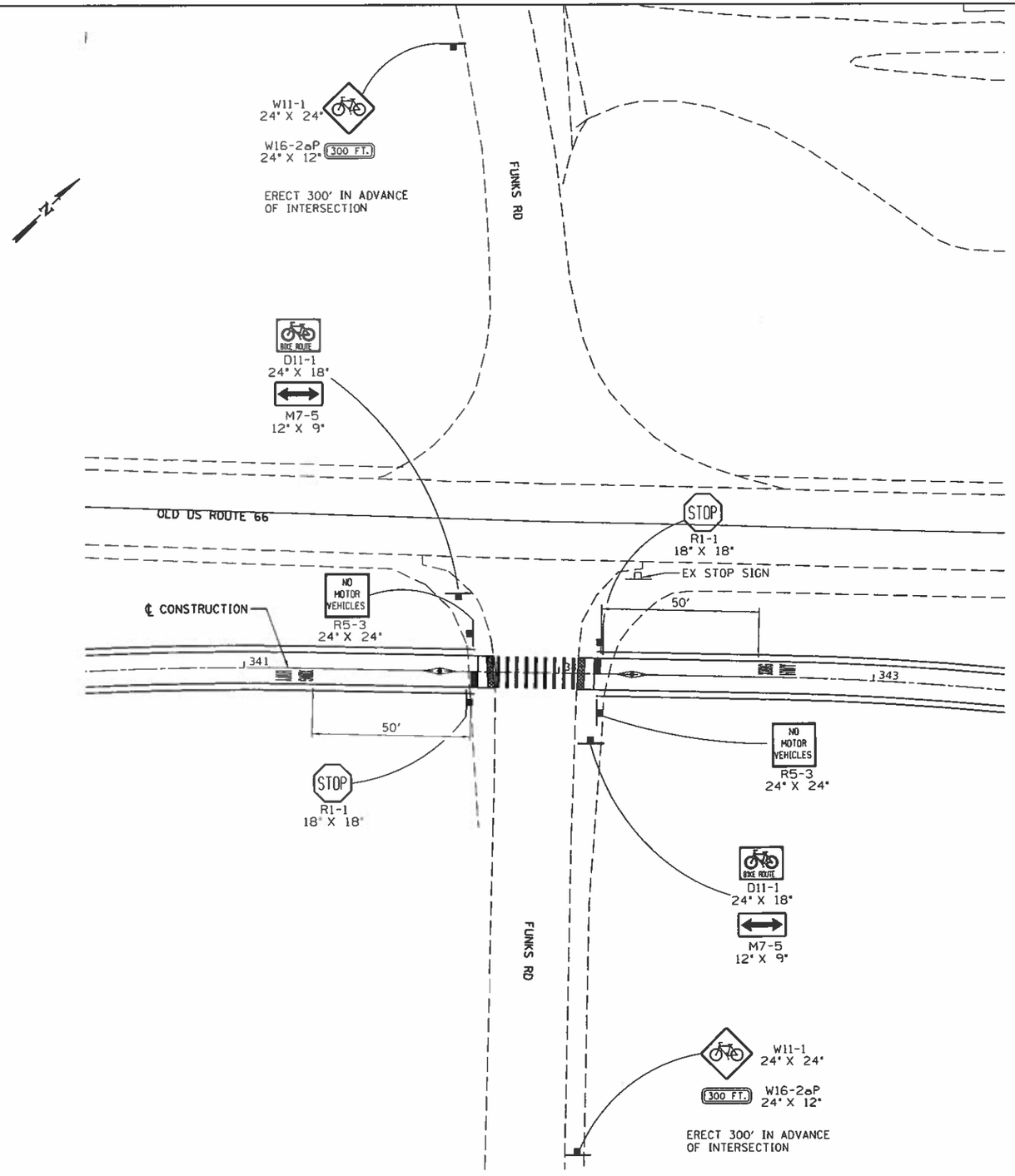
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| PLOT SCALE = 40.000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 4/8/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**PARKING LOT DETAILS -LOT B**

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 39 |
| | | CONTRACT NO. 91755 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |




LEGEND

| | |
|---|---|
| 10' | PR THERMOPLASTIC PAVEMENT MARKING - LINE 12" WHITE CROSSWALK |
| | PR THERMOPLASTIC PAVEMENT MARKING - LINE 24" WHITE STOP BAR (SEE DETAIL) |
| | PR THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW) PR FOLD DOWN BOLLARDS (SEE DETAIL) |
| XING | PR THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS (WHITE) (SEE DETAIL) |
| HWY | |
| | PR SIGN PANEL TYPE 1 PR TELESCOPING STEEL SIGN SUPPORT |
| | PR PCC SIDEWALK 6" PR DETECTABLE WARNINGS (SEE DETAIL) |

CEC Cummins Engineering Corporation
Civil and Structural Engineering

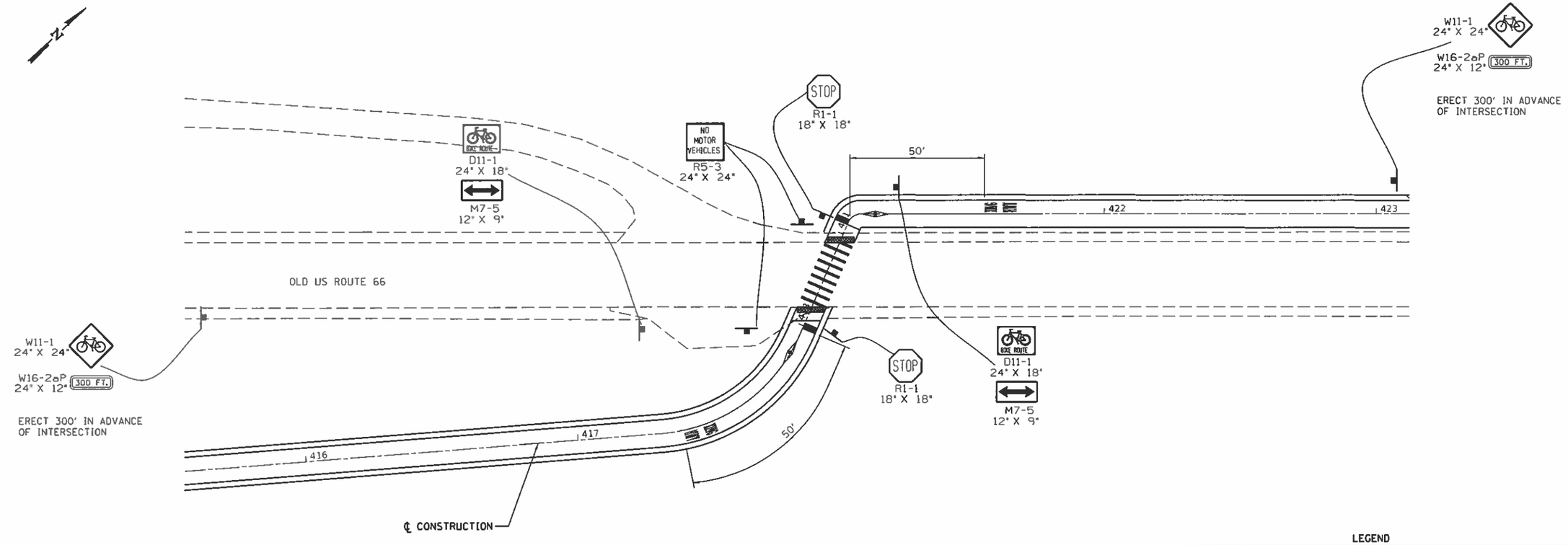
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|---|---|---|---|
| JOB # 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-sht-int.dgn | DRAWN - CGF | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 01/28/2019 | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**FUNKS RD INTERSECTION**

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 40 |
| | | CONTRACT NO. 91755 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |




LEGEND

PR THERMOPLASTIC PAVEMENT MARKING - LINE 12"
WHITE CROSSWALK

PR THERMOPLASTIC PAVEMENT MARKING - LINE 24"
WHITE STOP BAR
(SEE DETAIL)

PR THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
PR FOLD DOWN BOLLARDS
(SEE DETAIL)

XING

HWY

PR THERMOPLASTIC PAVEMENT MARKING -
LETTERS & SYMBOLS (WHITE)
(SEE DETAIL)

PR SIGN PANEL TYPE 1
PR TELESCOPING STEEL SIGN SUPPORT

PR PCC SIDEWALK 6"
PR DETECTABLE WARNINGS
(SEE DETAIL)

CEC Cummins Engineering Corporation
Civil and Structural Engineering

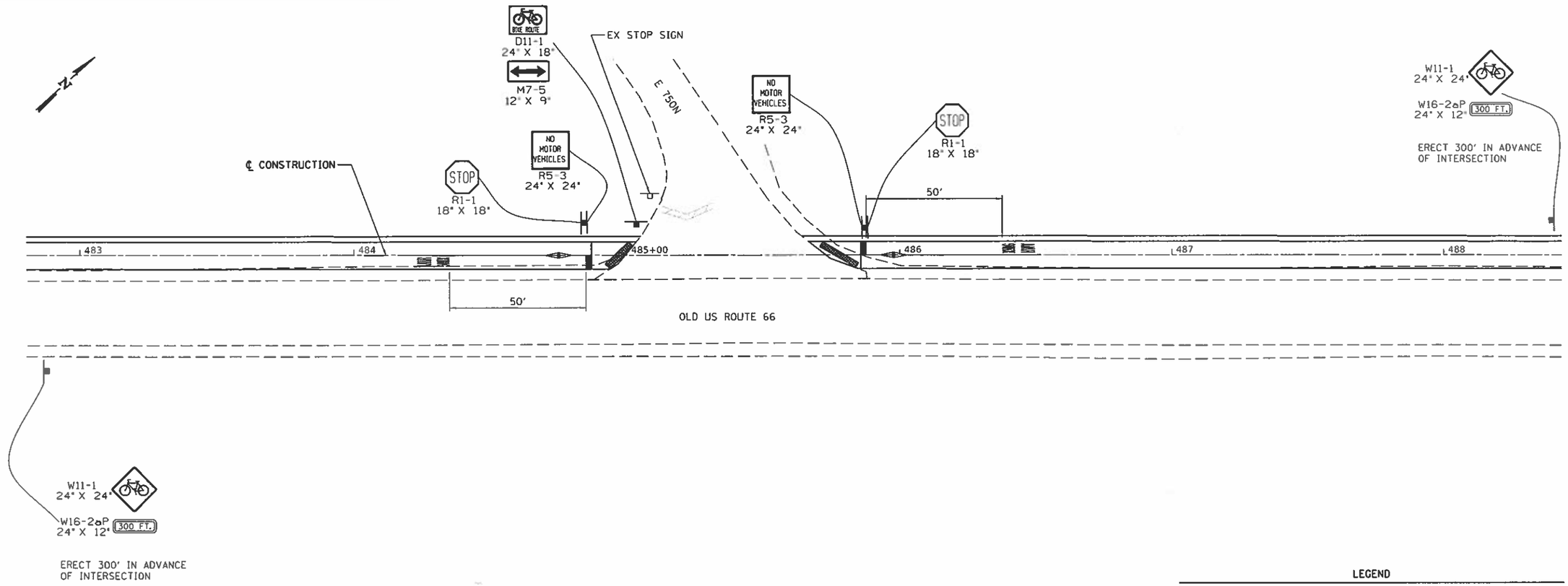
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| JOB # 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-sht-int.dgn | DRAWN - CGF | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 01/28/2019 | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**OLD ROUTE 66 INTERSECTION**

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 41 |
| | | CONTRACT NO. 91755 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |




LEGEND

PR THERMOPLASTIC PAVEMENT MARKING - LINE 12"
WHITE CROSSWALK

PR THERMOPLASTIC PAVEMENT MARKING - LINE 24"
WHITE STOP BAR
(SEE DETAIL)

PR THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
PR FOLD DOWN BOLLARDS
(SEE DETAIL)

XING

HWY

PR THERMOPLASTIC PAVEMENT MARKING -
LETTERS & SYMBOLS (WHITE)
(SEE DETAIL)

PR SIGN PANEL TYPE 1
PR TELESCOPING STEEL SIGN SUPPORT

PR PCC SIDEWALK 6"
PR DETECTABLE WARNINGS
(SEE DETAIL)

CEC Cummins Engineering Corporation
Civil and Structural Engineering

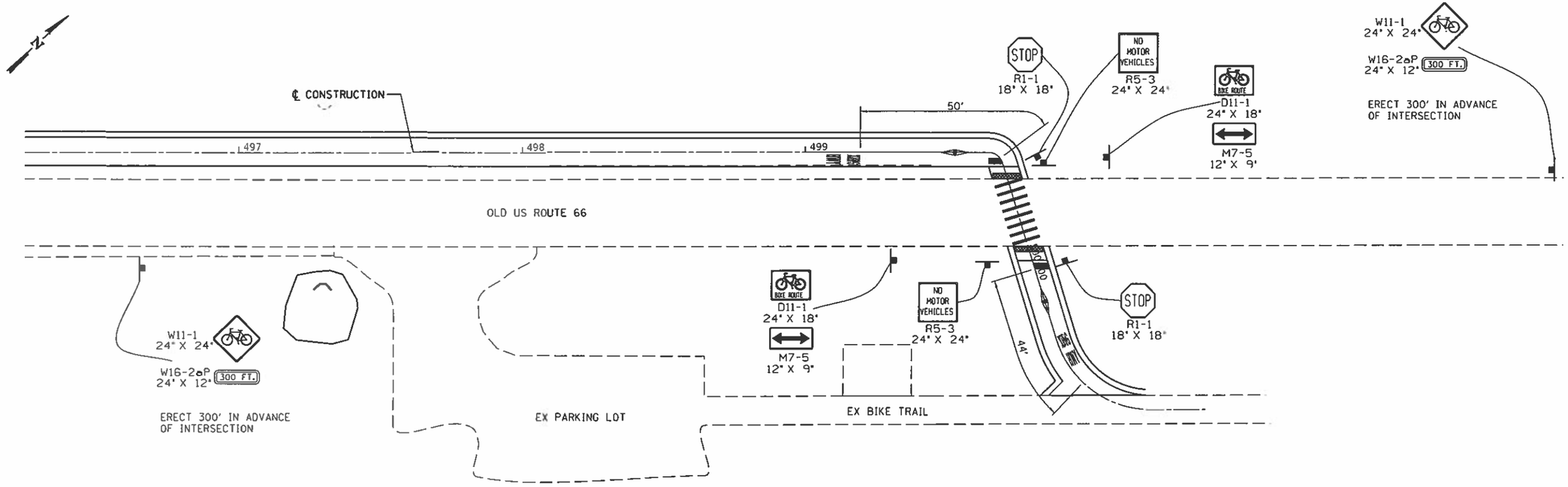
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| PLOT SCALE = 40.0000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 01/28/2019 | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**E 750N INTERSECTION**

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 42 |
| | | CONTRACT NO. 91755 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |




LEGEND

PR THERMOPLASTIC PAVEMENT MARKING - LINE 12"
WHITE CROSSWALK

PR THERMOPLASTIC PAVEMENT MARKING - LINE 24"
WHITE STOP BAR
(SEE DETAIL)

PR THERMOPLASTIC PAVEMENT MARKING - LINE 4" (YELLOW)
PR FOLD DOWN BOLLARDS
(SEE DETAIL)

XING

PR THERMOPLASTIC PAVEMENT MARKING -
LETTERS & SYMBOLS (WHITE)
(SEE DETAIL)

HWY

PR SIGN PANEL TYPE 1
PR TELESCOPING STEEL SIGN SUPPORT

PR PCC SIDEWALK 6"
PR DETECTABLE WARNINGS
(SEE DETAIL)

CEC Cummins Engineering Corporation
Civil and Structural Engineering

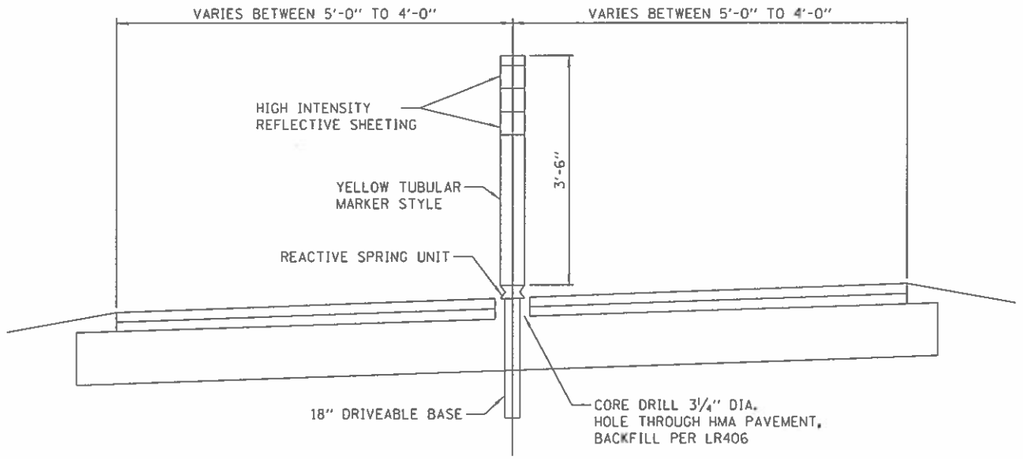
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| FILE NAME = 2562-sht-int.dgn | DRAWN - CGF | REVISED - | |
| PLOT SCALE = 40.0000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 01/28/2019 | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**OLD ROUTE 66 INTERSECTION**

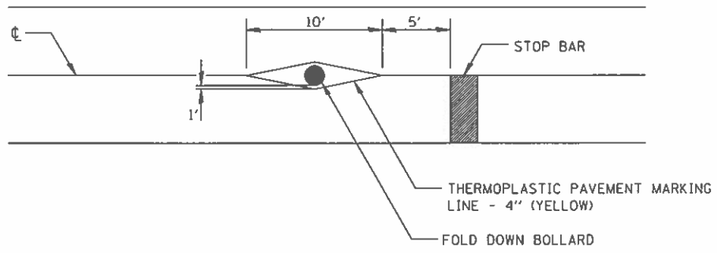
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 43 |
| | | CONTRACT NO. 91755 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |



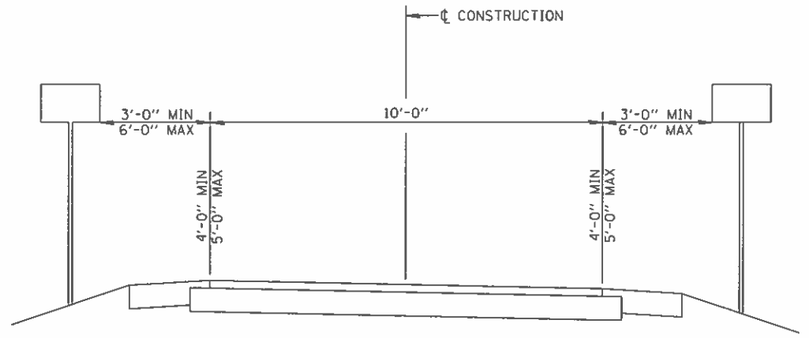

FOLD DOWN BOLLARDS DETAIL

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB # 2562 | DESIGNED - NAK | REVISED - | MCLEAN COUNTY<br>RTE 66 BIKE TRAIL | BOLLARD DETAILS | | | F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | FILE NAME = 2562-sht-details.dgn | DRAWN - CGF | REVISED - | | | | | | 17-00001-05-BT | MCLEAN | 134 | 44 |
| | PLOT SCALE = 40.000 ' / in. | CHECKED - NAK | REVISED - | | | | | | | CONTRACT NO. 91755 | | |
| | PLOT DATE = 4/8/2019 | DATE - 01/24/2019 | REVISED - | | SCALE: | SHEET NO. OF SHEETS | STA. TO STA. | FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

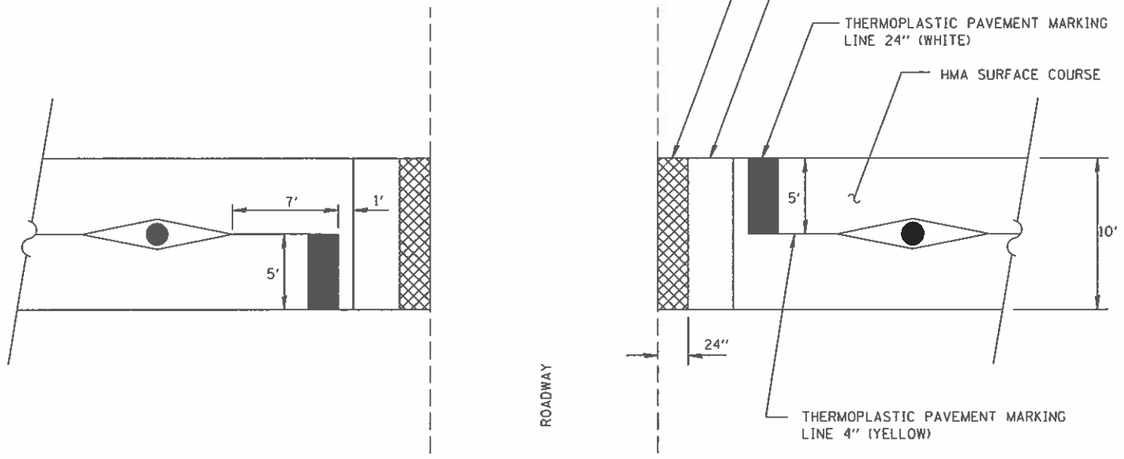



BOLLARD LAYOUT

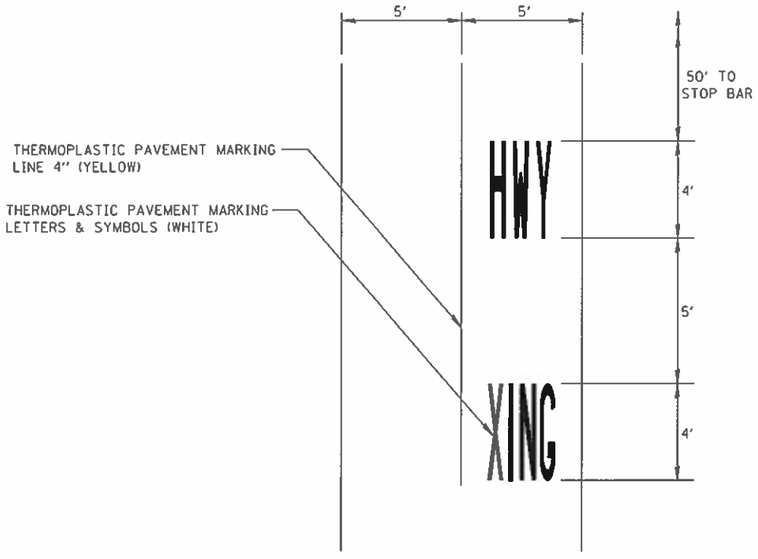
OMIT OUTSIDE BOLLARDS ADJACENT
TO OLD US RTE 66
(SEE INTERSECTION DETAILS)




SIGN PLACEMENT DETAIL



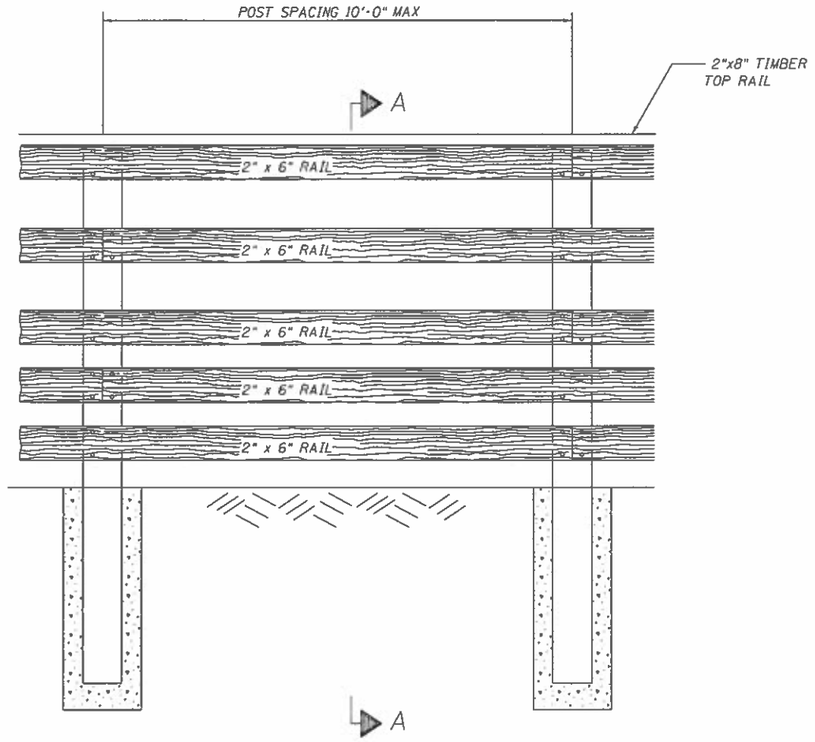

TYPICAL INTERSECTION DETAIL



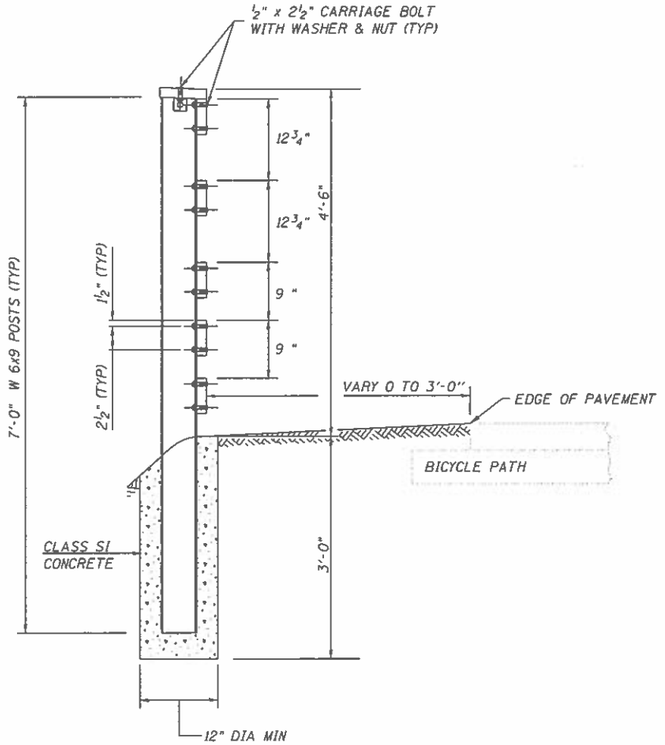

PAVEMENT MARKING

| | | | | | |
|---|---|---|---|---|---|
| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2562 | DESIGNED - NAK | REVISED - | MCLEAN COUNTY<br>RTE 66 BIKE TRAIL | INTERSECTION DETAILS |
| | FILE NAME = 2562-sht-details.dgn | DRAWN - CGF | REVISED - | | |
| | PLOT SCALE = 40.000 '/ in. | CHECKED - NAK | REVISED - | | |
| | PLOT DATE = 4/8/2019 | DATE - 01/24/2019 | REVISED - | | SCALE: / SHEET NO. OF SHEETS / STA. / TO STA. |

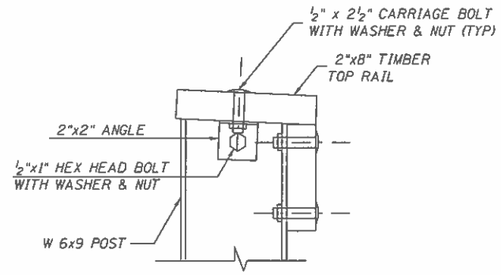
| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 45 |
| | | CONTRACT NO. 91755 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |



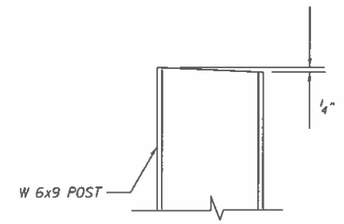

ELEVATION VIEW



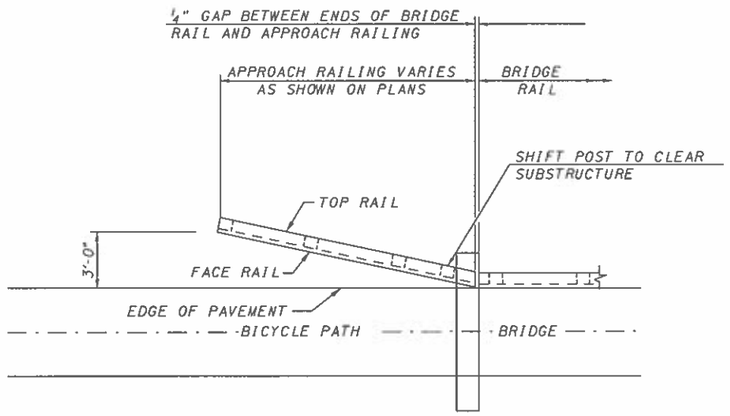

SECTION A-A




TOP RAIL CONNECTION DETAIL




TOP OF POST DETAIL




PLAN VIEW

1. STEEL POSTS SHALL BE AS SPECIFIED IN ARTICLE 1006.23.
2. ALL HARDWARE SHALL BE AS SPECIFIED IN ARTICLE 1006.25.
3. TIMBER RAILS SHALL BE TREATED SOUTHERN PINE AS SPECIFIED IN ARTICLE 1007.03 ($f_b$ = 1,500 psi)
4. STAGGER ALTERNATING BUTT ENDS ON FACE RAIL AND TOP RAIL. CENTER ALL BUTT END JOINTS ON THE POSTS.
5. CUT ENDS OF TOP RAIL AND FACE RAILS TO MATCH BRIDGE RAIL

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - NAK | REVISED - | |
| FILE NAME = 2562-sht-details.dgn | DRAWN - CGF | REVISED - | |
| PLOT SCALE = 40.000 ' / in. | CHECKED - NAK | REVISED - | |
| PLOT DATE = 4/8/2019 | DATE - 01/24/2019 | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**TIMBER BRIDGE APPROACH RAILING**

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

| F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 46 |
| | | CONTRACT NO. 91755 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

## SIGN R7-I 101




COLOR: LEGEND AND BORDER GREEN NON-REFLECTORIZED
BACKGROUND WHITE REFLECTORIZED

| SIGN SIZE | DIMENSIONS | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H |
| (6 x 12) | (12) | (6) | (1.5) | (4.5) | (1.15) | (3.4) | (4.6) | (4.0) |

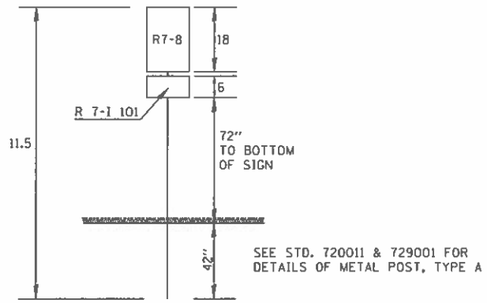
| SIGN SIZE | SERIES Lines | Margin | Border | BLK Std |
|---|---|---|---|---|
| (6 x 12) | 1/3A | (0.37) | (0.37) | B5-126 |

To be used with R7-8

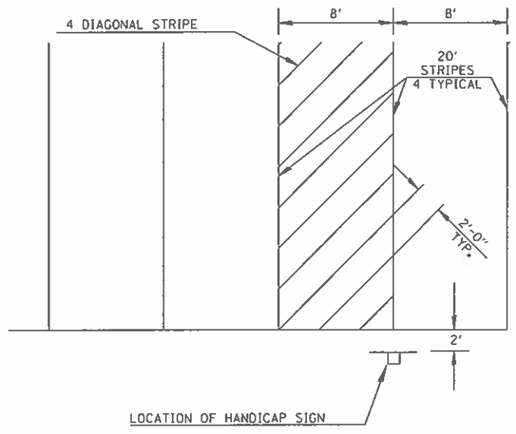
## SIGN R7-8




COLORS
LEGEND AND BORDER - GREEN
WHITE SYMBOL ON BLUE BACKGROUND
BACKGROUND - WHITE

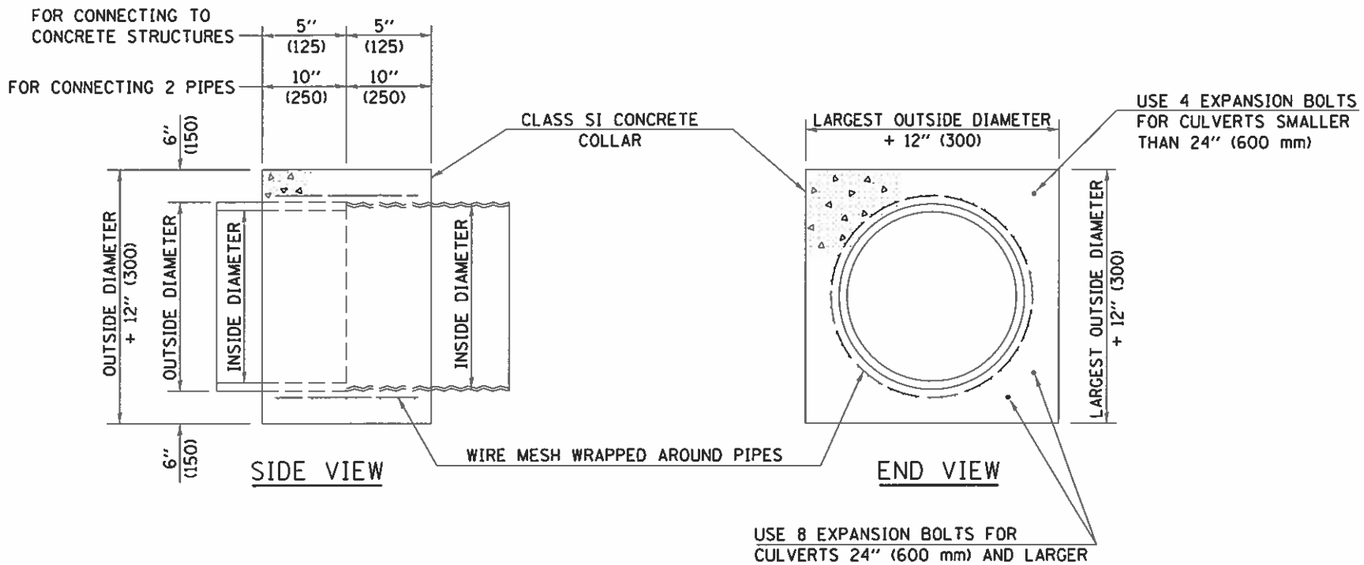



## SIGN POST DETAILS




## DETAIL OF PARKING SPACES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB # 2562 | DESIGNED - NAK | REVISED - | MCLEAN COUNTY RTE 66 BIKE TRAIL | DISABLED PARKING | F.A.S. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | FILE NAME = 2562-sht-details.dgn | DRAWN - CGF | REVISED - | | | | 17-00001-05-BT | MCLEAN | 134 | 47 |
| | PLOT SCALE = 40.000 ' / in. | CHECKED - NAK | REVISED - | | | | | | CONTRACT NO. 91755 | |
| | PLOT DATE = 4/8/2019 | DATE - 01/24/2019 | REVISED - | | SCALE: SHEET NO. OF SHEETS STA. TO STA. | FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |




| QUANTITIES FOR CONCRETE PIPES | |
|---|---|
| INSIDE DIAMETER OF PIPE INCH (mm) | ESTIMATED CLASS SI CONCRETE REQUIRED 20" (500 mm) WIDTH CU. YD. ($m^3$) |
| 4" (100) | 0.14 (0.11) |
| 6" (150) | 0.16 (0.12) |
| 8" (200) | 0.19 (0.14) |
| 10" (250) | 0.22 (0.17) |
| 12" (300) | 0.25 (0.19) |
| 15" (375) | 0.30 (0.23) |
| 18" (450) | 0.35 (0.27) |
| 24" (600) | 0.45 (0.35) |
| 30" (750) | 0.57 (0.43) |
| 36" (900) | 0.69 (0.53) |
| 42" (1050) | 0.83 (0.63) |
| 48" (1200) | 0.97 (0.74) |
| 54" (1350) | 1.12 (0.86) |
| 60" (1500) | 1.28 (0.98) |

| QUANTITIES FOR METAL PIPES | |
|---|---|
| INSIDE DIAMETER OF PIPE INCH (mm) | ESTIMATED CLASS SI CONCRETE REQUIRED 20" (500 mm) WIDTH CU. YD. ($m^3$) |
| 4" (100) | 0.12 (0.09) |
| 6" (150) | 0.14 (0.11) |
| 8" (200) | 0.16 (0.12) |
| 10" (250) | 0.19 (0.14) |
| 12" (300) | 0.21 (0.16) |
| 15" (375) | 0.25 (0.19) |
| 18" (450) | 0.29 (0.22) |
| 24" (600) | 0.38 (0.29) |
| 30" (750) | 0.47 (0.36) |
| 36" (900) | 0.59 (0.45) |
| 42" (1050) | 0.69 (0.53) |
| 48" (1200) | 0.81 (0.62) |
| 54" (1350) | 0.93 (0.71) |
| 60" (1500) | 1.05 (0.81) |

## GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. ($2.63\ kg/m^2$).
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) EXPANSION BOLTS, SHALL BE USED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR EXPANSION BOLTS OF THE SIZE SPECIFIED IN THE PLANS.
5. CONCRETE COLLARS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR THE PIPE CULVERT EXTENSION.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

CEC Cummins Engineering Corporation
Civil and Structural Engineering

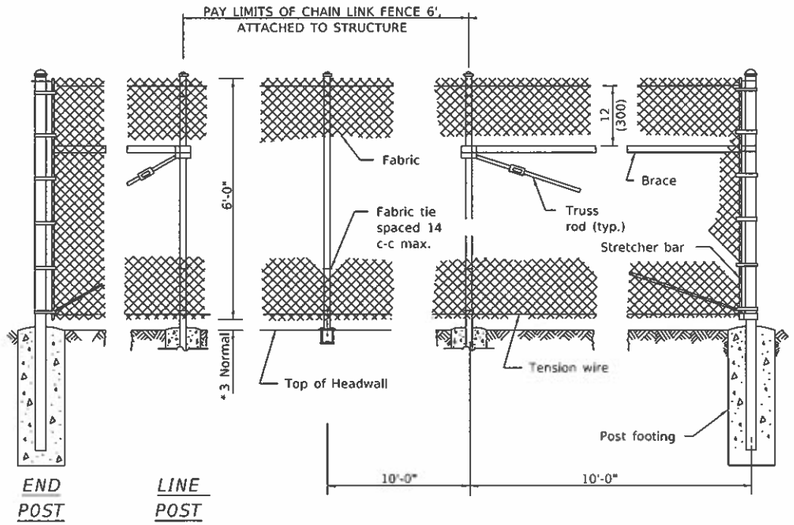
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| PLOT SCALE = 40.0000 '/ in. | CHECKED - | REVISED - |
| PLOT DATE = 4/8/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CONCRETE COLLAR**

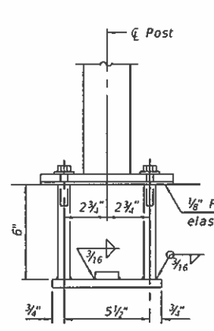
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

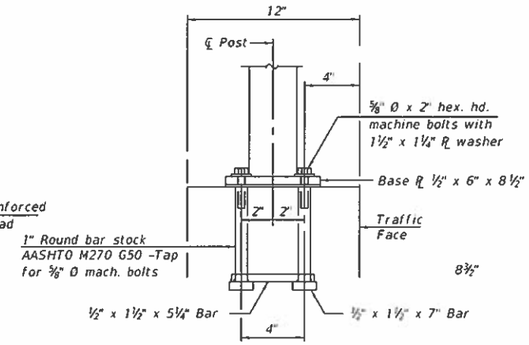
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 48 |
| | | CONTRACT NO. 91755 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

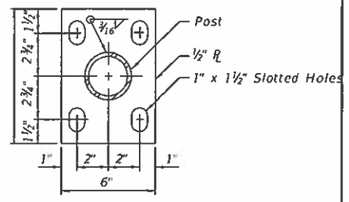



END POST

LINE POST




BASE ℄

## ANCHOR BOLT DETAILS

*In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting ⅝" Ø anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.*

COST OF ALL ANCHOR BOLTS AND ACCESSORIES REQUIRED FOR CHAIN LINK SUPPORTS ARE INCLUDED IN CHAIN LINK FENCE 6', ATTACHED TO STRUCTURES

SEE STANDARD 664001 FOR DETAILS NOT SHOWN

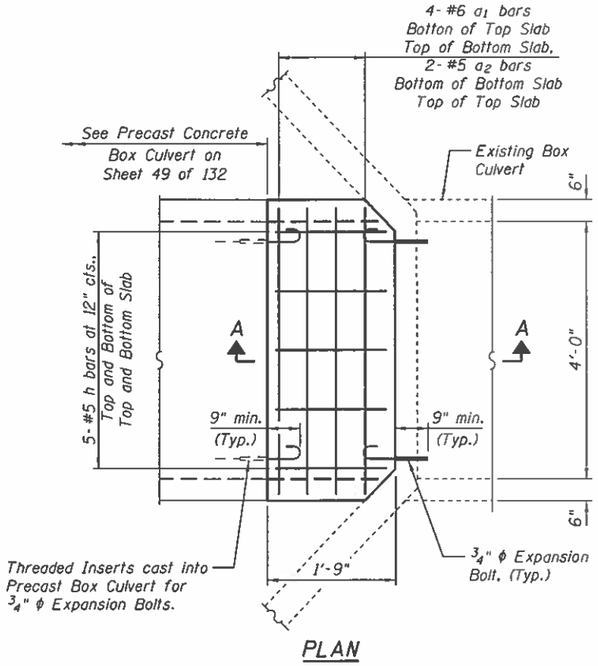
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| | PLOT DATE = 4/8/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

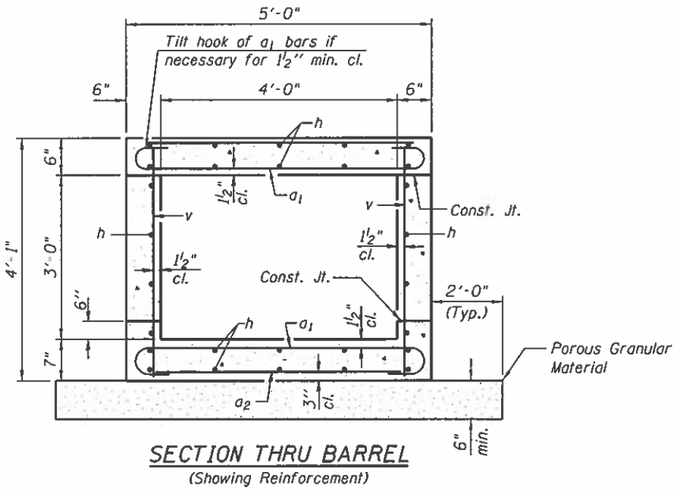
**CHAIN LINK FENCE 6'**
**ATTACHED TO STRUCTURE**

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 17-00001-05-BT | MCLEAN | 134 | 49 |
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| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |



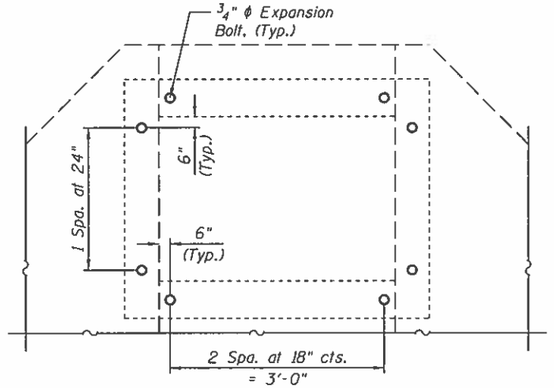

PLAN



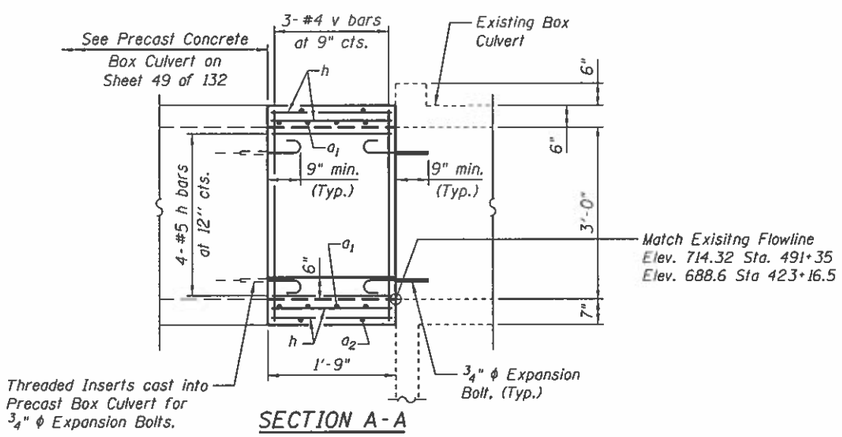

SECTION THRU BARREL
(Showing Reinforcement)

BM#15 - CUT "□" ON CONCRETE HEADWALL
54' RT. STA. 423+31
ELEV. 691.93

BM#22 - CUT "□" ON CONCRETE HEADWALL
18' LT. STA. 491+35
ELEV. 718.32




END OF EXISTING CULVERT
(Showing placement of
$\frac{3}{4}$" ϕ Expansion Bolts)




SECTION A-A

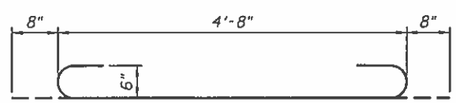
Notes:
Expansion bolts shall be $\frac{3}{4}$" ϕ hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.

Porous Granular Material shall be placed below the elevation of the bottom of the box in accordance with article 540.06 of the standard Specifications, except recycled concrete and Gradation RR1 material shall be allowed.

The Porous Granular Material, excavation and backfilling for precast concrete box culverts will not be measured and paid for. The cost of these items shall be included in the cost of the precast concrete box culverts.

BILL OF MATERIAL
TWO COLLARS

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| $a_1$ | 16 | #6 | 6'-0" | ⊂⊃ |
| $a_2$ | 8 | #5 | 4'-9" | — |
| | | | | |
| h | 56 | #5 | 1'-5" | — |
| | | | | |
| v | 12 | #4 | 3'-10" | — |
| | | | | |
| Concrete Collar | | | Cu. Yd. | 0.6 |
| Reinforcement Bars | | | Pound | 270 |
| Expansion Bolts $\frac{3}{4}$" | | | Each | 32 |




BARS $a_1$

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-Culvert Extensions.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

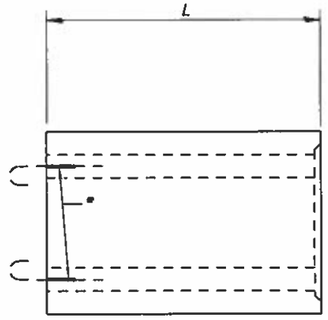
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| JOB = 2562 | DESIGNED - AAN | REVISED - | |
| FILE NAME = 2562-sht-Culvert Extensions.dgn | CHECKED - MDC | REVISED - | |
| PLOT DATE = 4/8/2019 | DRAWN - SJS | REVISED - | |
| | CHECKED - MDC | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

4' X 3' CONCRETE BOX CULVERT EXTENSION
STA. 423+16.5 AND STA 491+35
SHEET 1 OF 2 SHEETS

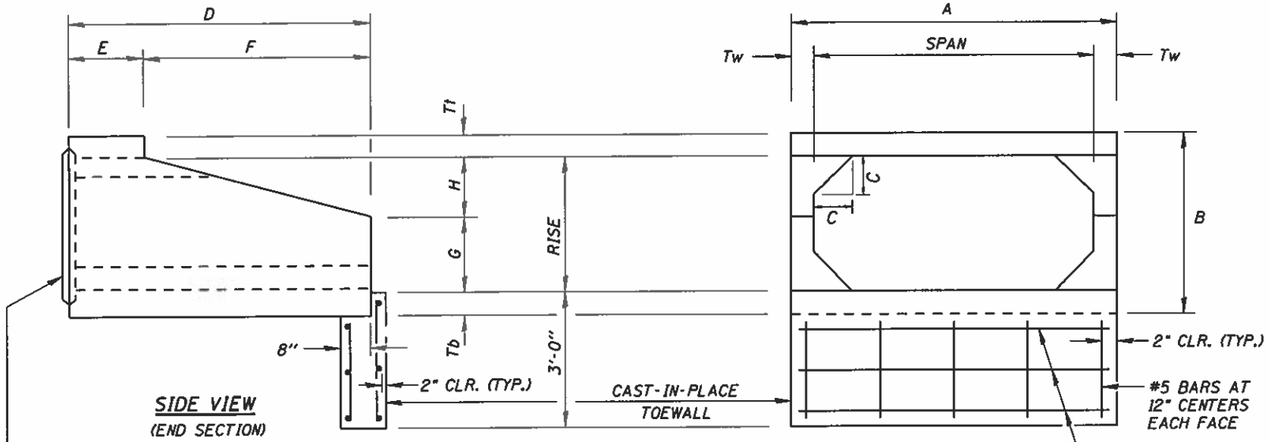
| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 50 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS | FED. AID PROJECT | | |

# DETAIL OF PRECAST CONCRETE BOX CULVERTS AND END SECTIONS




SIDE VIEW
(BOX CULVERT)

* Threaded Inserts cast into Precast Box Culvert for ¾" ϕ Expansion Bolts. See Sheet 48 of 132 for quantity and placement of Expansion Bolts.

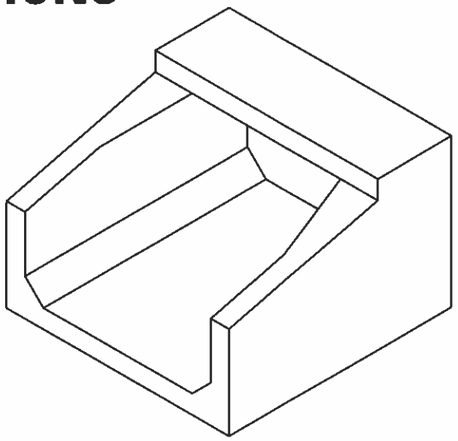



SIDE VIEW
(END SECTION)

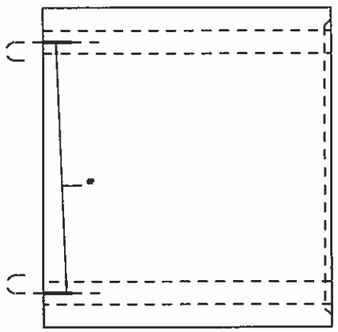



Cost of Toewall shall be included in Box Culvert End Section

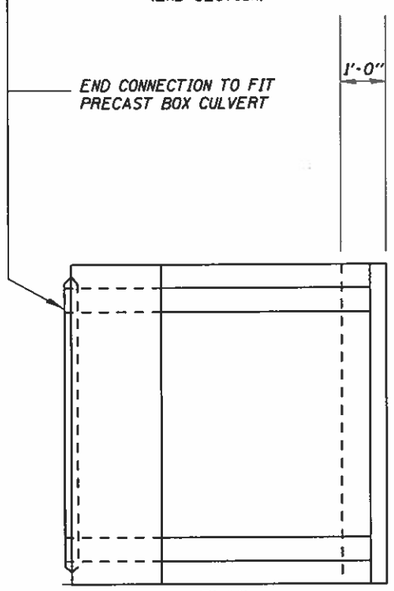
END VIEW



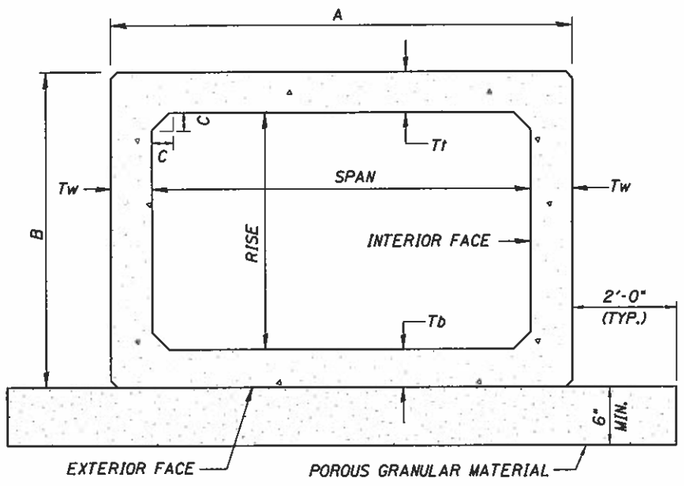
ISOMETRIC VIEW
(END SECTION)



PLAN
(BOX CULVERT)




PLAN
(END SECTION)




CROSS SECTION
END SECTION & BOX CULVERT

## PRECAST CONCRETE BOX CULVERT - EXTENSION DETAILS

| Span | Rise | ASTM Designation | Design Fill Height | THICKNESS (INCHES) Tt (top slab) | Tb (bot. slab) | Tw (wall) | A (FT.-IN.) | B (FT.-IN.) | C (INCHES) | D (FT.-IN.) | E (FT.-IN.) | F (FT.-IN.) | G (FT.-IN.) | H (FT.-IN.) | L (FT.-IN.) | SLOPE X : Y |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4' | 3' | C1577 | < 2' | 7.5" | 6" | 5" | 4'-10" | 4'-1½" | 5" | 6'-0" | 2'-0" | 4'-0" | 1'-8" | 1'-4" | 6'-0" | 1:3 |

### DESIGN SPECIFICATIONS

2017 AASHTO LRFD Bridge Design Specifications, 8th Edition

LOADING HL-93

### DESIGN STRESSES (PRECAST)

f'c = 5,000 psi
fy = 65,000 psi (welded wire fabric)
fy = 60,000 psi (reinforcement)

Notes:
All precast concrete box culvert sections shall conform to the requirements of ASTM C 1577 Specifications.

Lifting holes shall be filled with concrete plugs and mastic after box sections are in place.

Select granular back fill is not required above the Precast Concrete Box Culvert Extensions.

Porous Granular Material shall be placed below the elevation of the bottom of the box in accordance with article 540.06 of the standard Specifications, except recycled concrete and Gradation RR1 material shall be allowed.

The Porous Granular Material, excavation and backfilling for precast concrete box culverts will not be measured and paid for. The cost of these items shall be included in the cost of the precast concrete box culverts.

### BILL OF MATERIAL
### TWO EXTENSIONS

| ITEM | UNIT | TOTAL |
|---|---|---|
| Precast Concrete Box Culverts 4'x3' | Foot | 12 |
| Box Culvert End Section No. 1 | Each | 1 |
| Box Culvert End Section No. 2 | Each | 1 |

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-Culvert Extensions.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

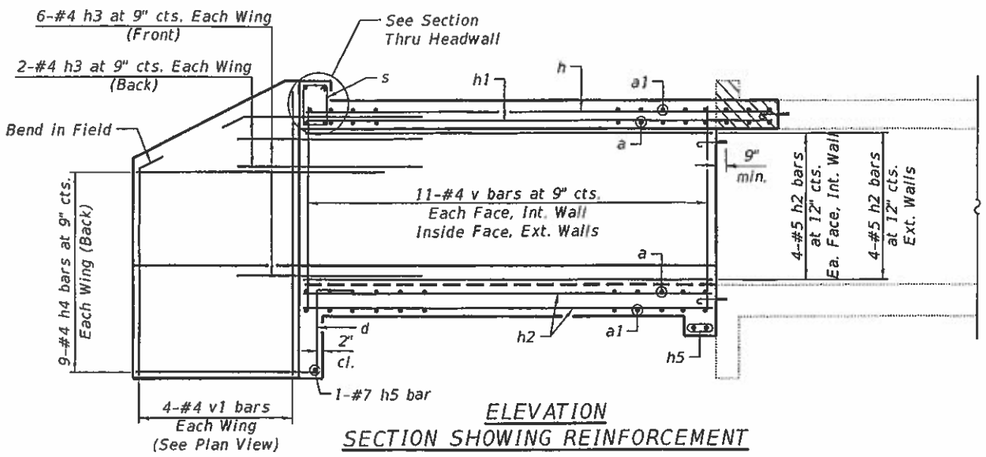
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| JOB = 2562 | DESIGNED - AAN | REVISED - | |
| FILE NAME = 2562-sht-Culvert Extensions.dgn | CHECKED - MDC | REVISED - | |
| PLOT DATE = 4/8/2019 | DRAWN - SJS | REVISED - | |
| | CHECKED - MDC | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

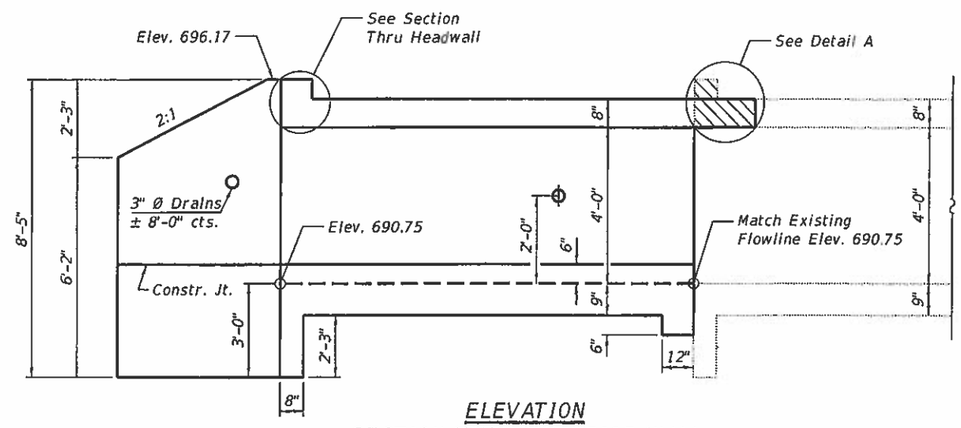
4' X 3' CONCRETE BOX CULVERT EXTENSION
STA. 423+16.5 AND STA 491+35
SHEET 2 OF 2 SHEETS

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 51 |
| CONTRACT NO. 91755 | | | |
| ILLINOIS FED. AID PROJECT | | | |

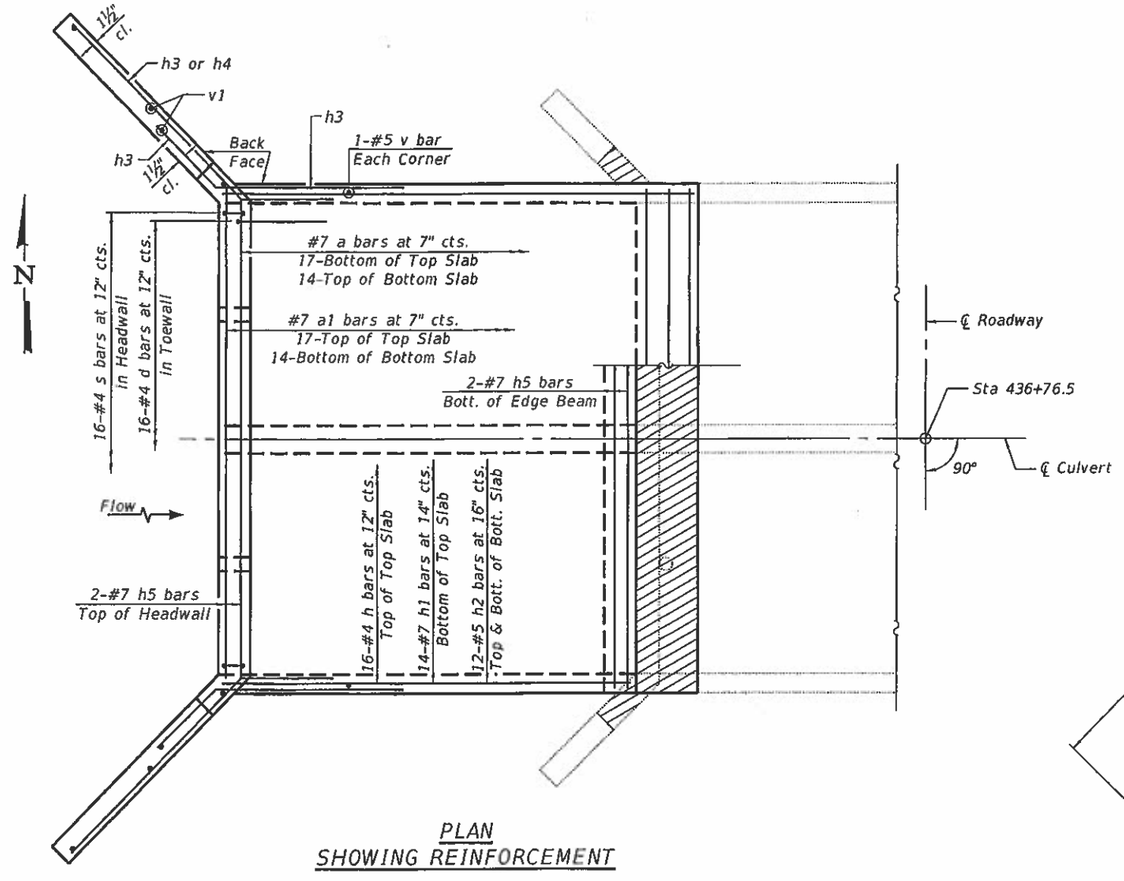
Benchmark #17: Chiseled Square in Concrete Headwall, 1' LT Sta 436+77, Elev. = 695.83



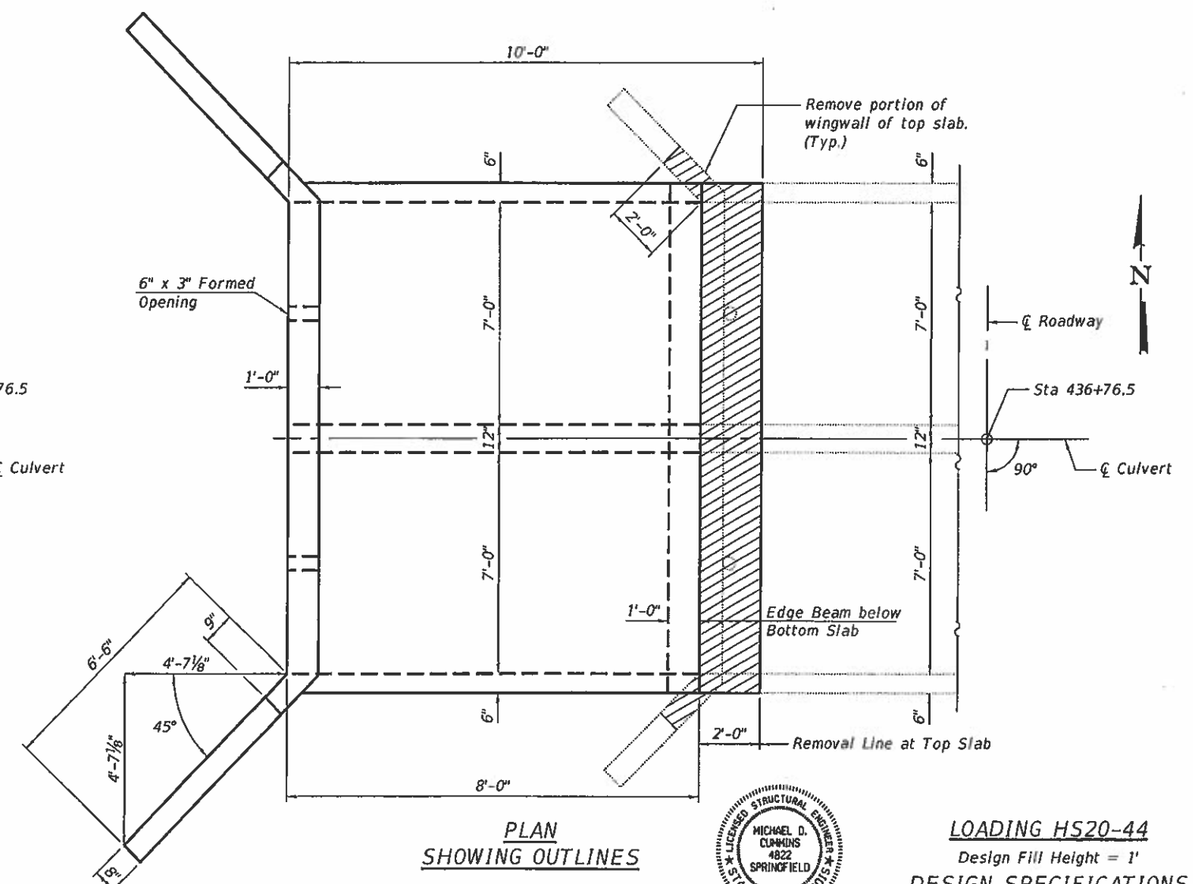

ELEVATION
SECTION SHOWING REINFORCEMENT




ELEVATION
SECTION THRU EXTERIOR WALL




PLAN
SHOWING REINFORCEMENT




PLAN
SHOWING OUTLINES

MICHAEL D. CUMMINS 4822 SPRINGFIELD LICENSED STRUCTURAL ENGINEER STATE OF ILLINOIS

(Expires 11/30/2020)

LOADING HS20-44
Design Fill Height = 1'

DESIGN SPECIFICATIONS
2002 AASHTO

DESIGN STRESSES
fy = 60,000 psi
f'c = 3,500 psi

| | | | | | |
|---|---|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2562 | DESIGNED - AAN | REVISED - | MCLEAN COUNTY RTE 66 BIKE TRAIL | CULVERT DETAILS STA 436+76.5 |
| | FILE NAME = 2562-sht-culverts.dgn | CHECKED - MDC | REVISED - | | SHEET 1 OF 2 SHEETS |
| | PLOT DATE = 4/5/2019 | DRAWN - SJS | REVISED - | | |
| | | CHECKED - MDC | REVISED - | | |

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| 17-00001-05-BT | MCLEAN | 134 | 52 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-culverts.dgn

## GENERAL NOTES

Hatched areas indicate limits of Concrete Removal.

The cost of Concrete Removal shall be included in the cost of Concrete Box Culvert.

The barrel extension shall be poured monolithically with the wingwalls.

Exposed edges shall be beveled ¾"

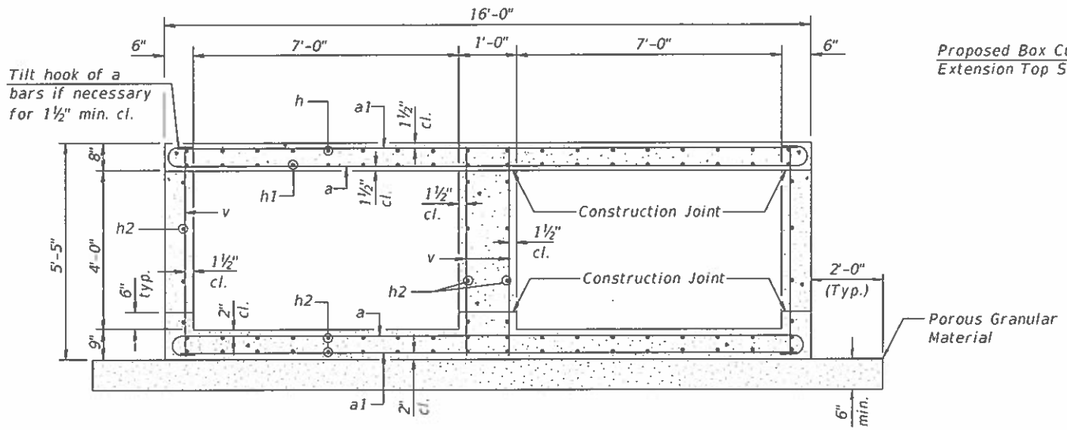
Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction.

All construction joints shall be bonded.

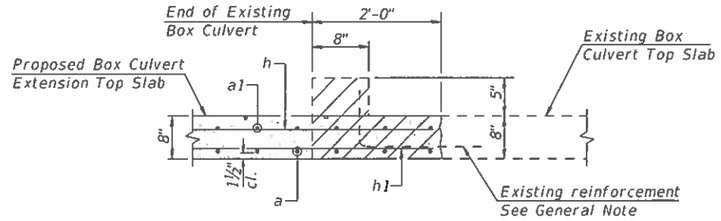
Plan dimensions and details relative to the existing structure are subject to nominal variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.

Porous Granular Material shall be placed below the elevation of the bottom of the box similar to with article 540.06 of the standard Specifications, except recycled concrete and Gradation RR1 material shall be allowed.

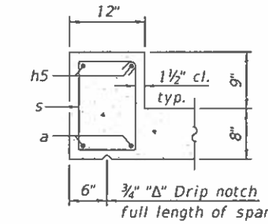
The Porous Granular Material, excavation and backfilling for Concrete Box Culverts will not be measured and paid for. The cost of these items shall be included in the cost of Concrete Box Culverts.



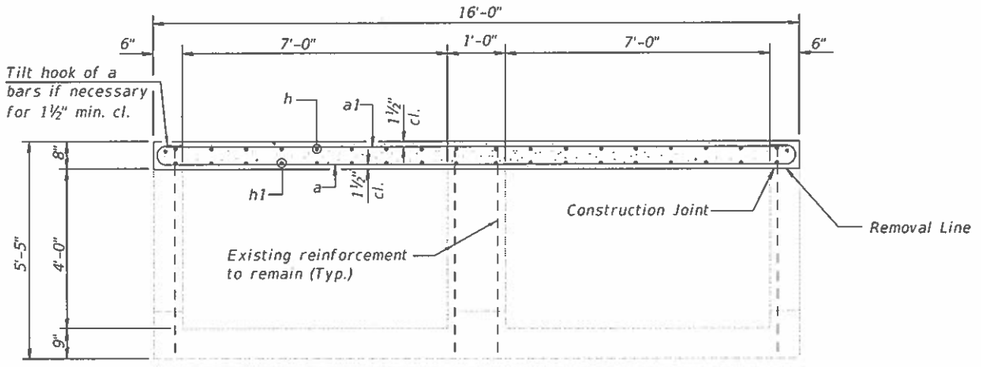

SECTION THRU BARREL



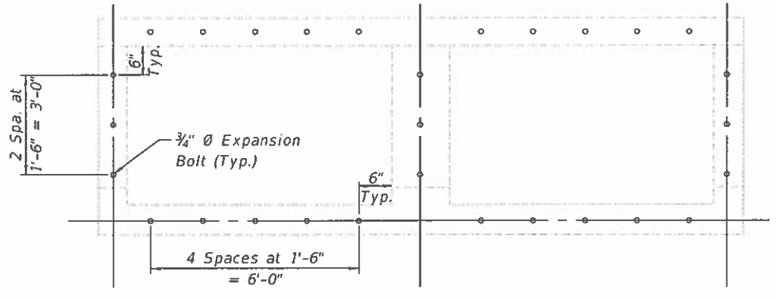

DETAIL A




SECTION THRU HEADWALL




SECTION THRU BARREL AT EXISTING CULVERT



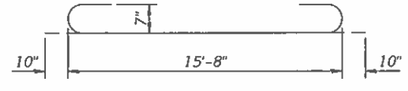

EXISTING END VIEW

(Showing Placement of ¾" Ø Expansion Bolts)

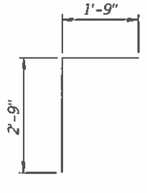
Note:
Expansion bolts shall be ¾" Ø hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.

## BILL OF MATERIAL

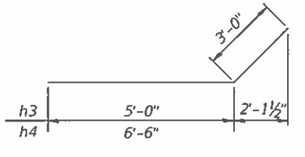
| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| a | 31 | #7 | 17'-4" | |
| a1 | 31 | #7 | 15'-8" | |
| | | | | |
| d | 16 | #4 | 4'-6" | |
| | | | | |
| h | 16 | #4 | 9'-9" | |
| h1 | 14 | #7 | 9'-9" | |
| h2 | 40 | #5 | 7'-9" | |
| h3 | 16 | #4 | 8'-0" | |
| h4 | 18 | #4 | 9'-6" | |
| h5 | 5 | #7 | 15'-8" | |
| | | | | |
| s | 16 | #4 | 4'-7" | |
| | | | | |
| v | 46 | #4 | 5'-0" | |
| v1 | 8 | #4 | 8'-1" | |
| | | | | |
| Concrete Box Culverts | | | Cu. Yd. | 13.8 |
| Reinforcement Bars | | | Pound | 3460 |
| Expansion Bolts ¾ Inch | | | Each | 29 |



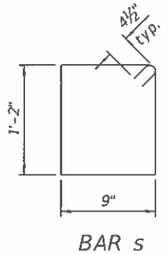

BAR a




BAR d




BARS h3 & h4




BAR s


MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-culverts.dgn

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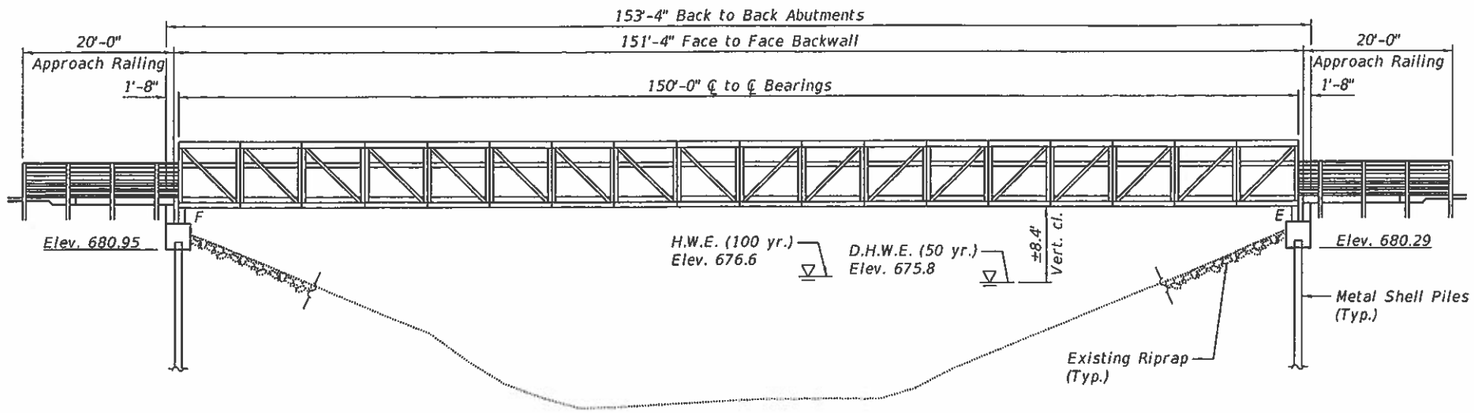
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| FILE NAME = 2562-sht-culverts.dgn | CHECKED - MDC | REVISED - |
| PLOT DATE = 4/8/2019 | DRAWN - SJS | REVISED - |
| | CHECKED - MDC | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

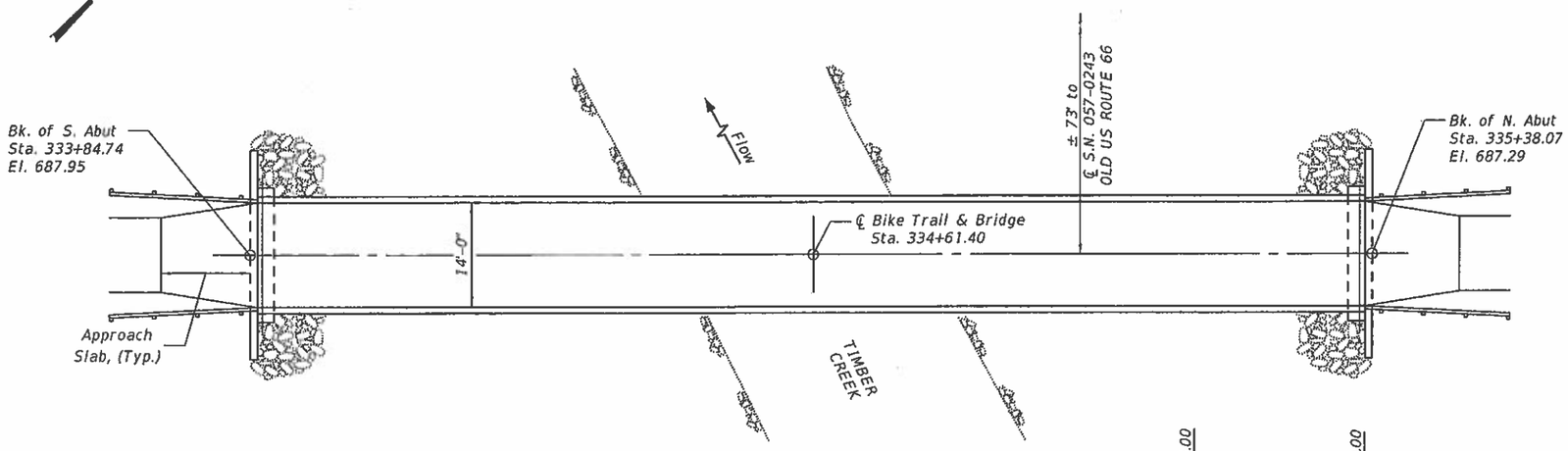
**CULVERT DETAILS**
**STA 436+76.5**
SHEET 2 OF 2 SHEETS

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 53 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS | FED. AID PROJECT | | |

Bm#2A - IDOT Tablet 54' Lt. Sta. 333+64 Elev. 689.28

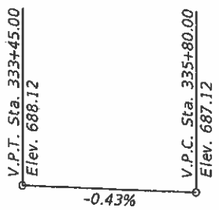



ELEVATION

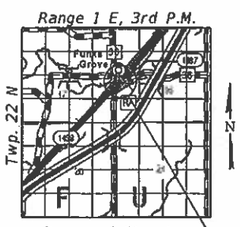



PLAN

The existing riprap shall be removed, stock piled and neatly replaced around the proposed abutments as required to allow for the construction. The cost of this included in the cost of Structure Excavation.




PROFILE GRADE
(along ℄ Trail)




LOCATION SKETCH

## WATERWAY INFORMATION

Drainage Area = 30.2 sq. mi. Low Grade Elev. 687.01 @ Sta. 336+29.00

| Flood | Freq. Yr. | Q C.F.S. | Opening Ft² Exist. | Opening Ft² Prop. | Nat. H.W.E. | Head - Ft. Exist. | Head - Ft. Prop. | Headwater El. Exist. | Headwater El. Prop. |
|---|---|---|---|---|---|---|---|---|---|
| | 10 | 2790 | 517 | 636 | 673.8 | 0.5 | 0.3 | 674.3 | 674.1 |
| Design | 50 | 4500 | 651 | 799 | 675.8 | 1.1 | 0.7 | 676.9 | 676.5 |
| Base | 100 | 5260 | 708 | 869 | 676.6 | 1.3 | 0.9 | 677.9 | 677.5 |
| Max. Calc. | 500 | 7120 | 834 | 1025 | 678.3 | 1.7 | 1.2 | 680.0 | 679.5 |

## INDEX OF SHEETS


1. General Plan & Elevation
2. General Data
3. Bridge Approach Slab Details
4. Abutments
5. Metal Shell Piles


## DESIGN SPECIFICATIONS

2009 AASHTO LRFD Guide Specifications for the Design of Pedestrian Bridges (Superstructure)

2017 AASHTO LRFD Bridge Design Specification, 8th Edition (Abutments)

## LOADING H-10

Vehicle Load: 20,000 lb
Pedestrian Load: 90 psf uniform load

## DESIGN STRESSES

FIELD UNITS (New Construction)

f'c = 3,500 psi (Substructure)
fy = 60,000 psi (Reinforcement)

## SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.089g
Design Spectral Acceleration at 0.2 sec. (SDS) = 0.156g
Soil Site Class = C

## TOTAL BILL OF MATERIAL

| ITEM | UNIT | SUPER | SUB | TOTAL |
|---|---|---|---|---|
| Structure Excavation | Cu. Yd. | | 5 | 5 |
| Concrete Structures | Cu. Yd. | 23.6 | | 23.6 |
| Protective Coat | Sq. Yd. | 35 | | 35 |
| Concrete Superstructure (Approach Slab) | Cu. Yd. | 11.8 | | 11.8 |
| Reinforcement Bars, Epoxy Coated | Pound | 1150 | 2990 | 4140 |
| Furnishing Metal Shell Piles 12"x0.250" | Foot | | 100 | 100 |
| Driving Piles | Foot | | 100 | 100 |
| Test Pile Metal Shells | Each | | 2 | 2 |
| Concrete Sealer | Sq. Ft. | | 486 | 486 |
| Pedestrian Truss Superstructure | Sq. Ft. | 2100 | | 2100 |
| Granular Backfill for Structures | Cu. Yd. | | 32 | 32 |
| Anchor Bolts, 1" | Each | 8 | | 8 |

"I certify that to the best of my knowledge, information and belief, this bridge foundation design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current 'AASHTO Bridge Design Specifications'."

Michael D Cummins 4/5/19
ILLINOIS STRUCTURAL NO. 4822 (Expires 11/30/20)

LICENSED STRUCTURAL ENGINEER * MICHAEL D. CUMMINS 4822 SPRINGFIELD * STATE OF ILLINOIS

# GENERAL PLAN AND ELEVATION
# PEDESTRIAN BRIDGE OVER TIMBER CREEK
# SECTION 17-00001-05-BT
# MCLEAN COUNTY
# STA 334+61.40

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\Bridge\Mainline Bridge\2562_057-0000-01-GPE.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

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| FILE NAME = 2662_057-0000-01-GPE.dgn | CHECKED - MDC | REVISED - | |
| PLOT DATE = 4/8/2019 | DRAWN - SJS | REVISED - | |
| | CHECKED - MDC | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

GENERAL PLAN AND ELEVATION
MAINLINE BRIDGE
SHEET 1 OF 6 SHEETS

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 64 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |

## GENERAL NOTES

No field welding is permitted except as specified in the contract documents.

Reinforcement bars designated (E) shall be epoxy coated.

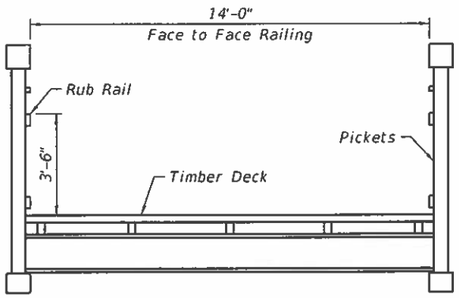
Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of ⅛ inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

Timber deck planks shall be placed with the grain such that cupping will not cause water to sit on a plank.

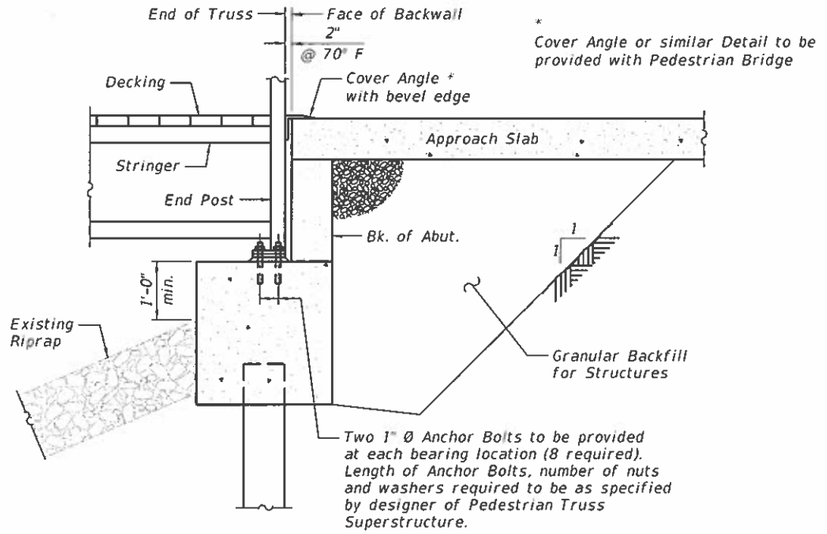
The existing riprap shall be removed, stock piled and neatly replaced around proposed abutments as required to allow for the construction. The cost of this included in the cost of Structure Excavation.

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

Concrete Sealer shall be applied to the designated areas of the abutments.




PROPOSED DECK SECTION




* Cover Angle or similar Detail to be provided with Pedestrian Bridge

SECTION THRU ABUTMENT

## BRIDGE SPAN REACTIONS

COMBINE REACTION AS PER LOCAL OR GOVERNING BUILDING CODES AS REQUIRED

+ DOWNWARD LOAD
- UPWARD LOAD

| LOAD | P lbs | H lbs | L lbs |
|---|---|---|---|
| DEAD | 24,800 | | |
| UNIFORM LIVE | 47,700 | | |
| VEHICLE | 13,800 | | |
| WIND | | 21,500 | 14,400 |
| WINDWARD | -24,500 | | |
| LEEWARD | 6,700 | | |
| THERMAL | | | 5,000 |

"P" - VERTICAL LOAD EACH BASE PLATE (4 PER BRIDGE SPAN)
"H" - HORIZONTAL LOAD EACH FOOTING (2 PER BRIDGE SPAN)
"L" - LONGITUDINAL LOAD EACH BASE PLATE (4 PER BRIDGE SPAN)

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FILE NAME: $FILEL$

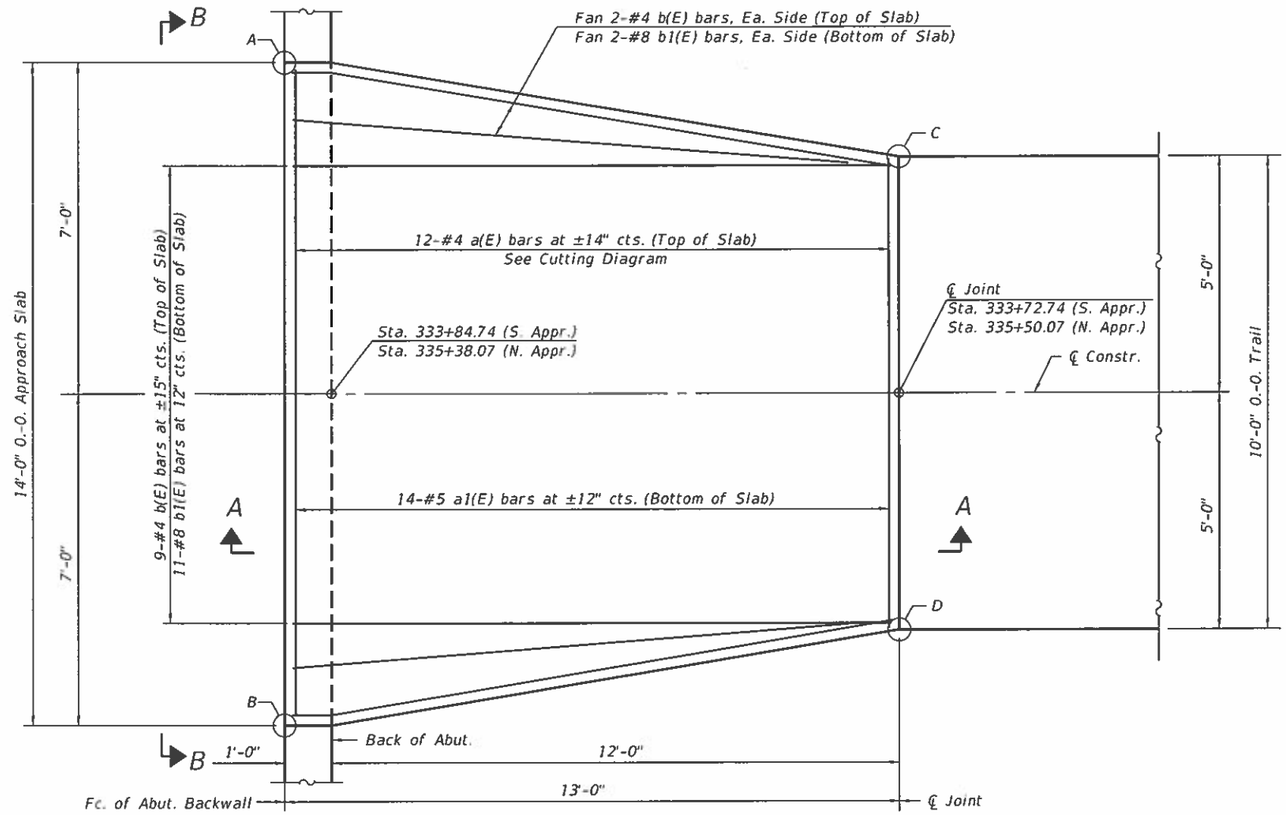
CEC Cummins Engineering Corporation
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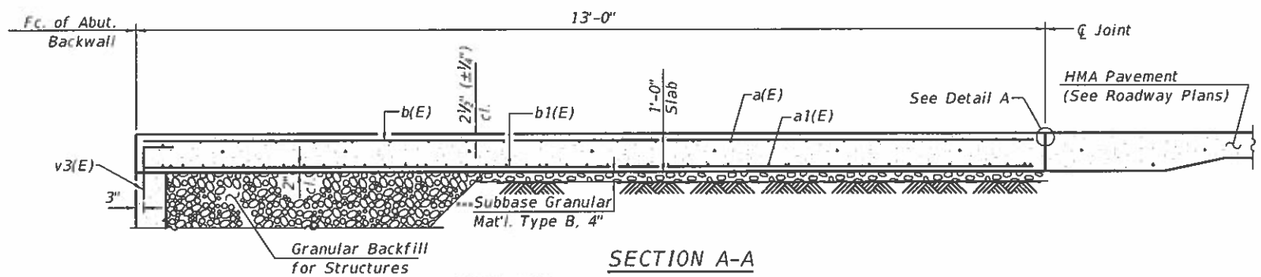
**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**GENERAL DATA**
**MAINLINE BRIDGE**
SHEET 2 OF 5 SHEETS

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 55 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |

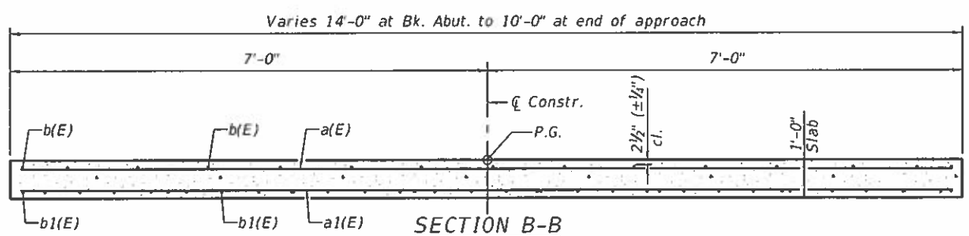



PLAN



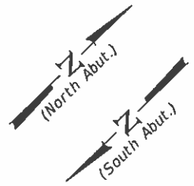

SECTION A-A

***Cost included with Concrete Superstructure (Approach Slab)



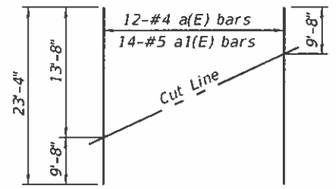

SECTION B-B

(See Plan for dimensions not shown)




## TOP OF APPROACH ELEVATIONS

| Point | North Approach | South Approach |
|---|---|---|
| A | 687.29 | 687.95 |
| B | 687.29 | 687.95 |
| C | 687.14 | 688.10 |
| D | 687.34 | 687.90 |



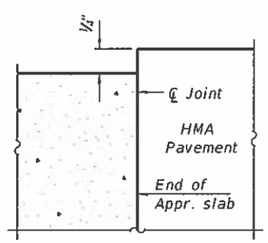

## FIELD CUTTING DIAGRAM

Order a(E) and a1(E) bars full length. Cut as shown and use remainder of bars at opposite approach.

Notes:

Approach slab shall be paid for as Concrete Superstructure (Approach Slab).

For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 5.




FLEXIBLE PAVEMENT

DETAIL A

## TWO APPROACHES BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| a(E) | 12 | #4 | 23'-4" | —— |
| a1(E) | 14 | #5 | 23'-4" | —— |
| | | | | |
| b(E) | 13 | #4 | 12'-8" | —— |
| b1(E) | 15 | #8 | 12'-8" | —— |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Concrete Superstructure (Approach Slab) | | Cu. Yd. | 11.8 | |
| Protective Coat | | Sq. Yd. | 35 | |
| Reinforcement Bars, Epoxy Coated | | Pound | 1,150 | |

MODEL: Default
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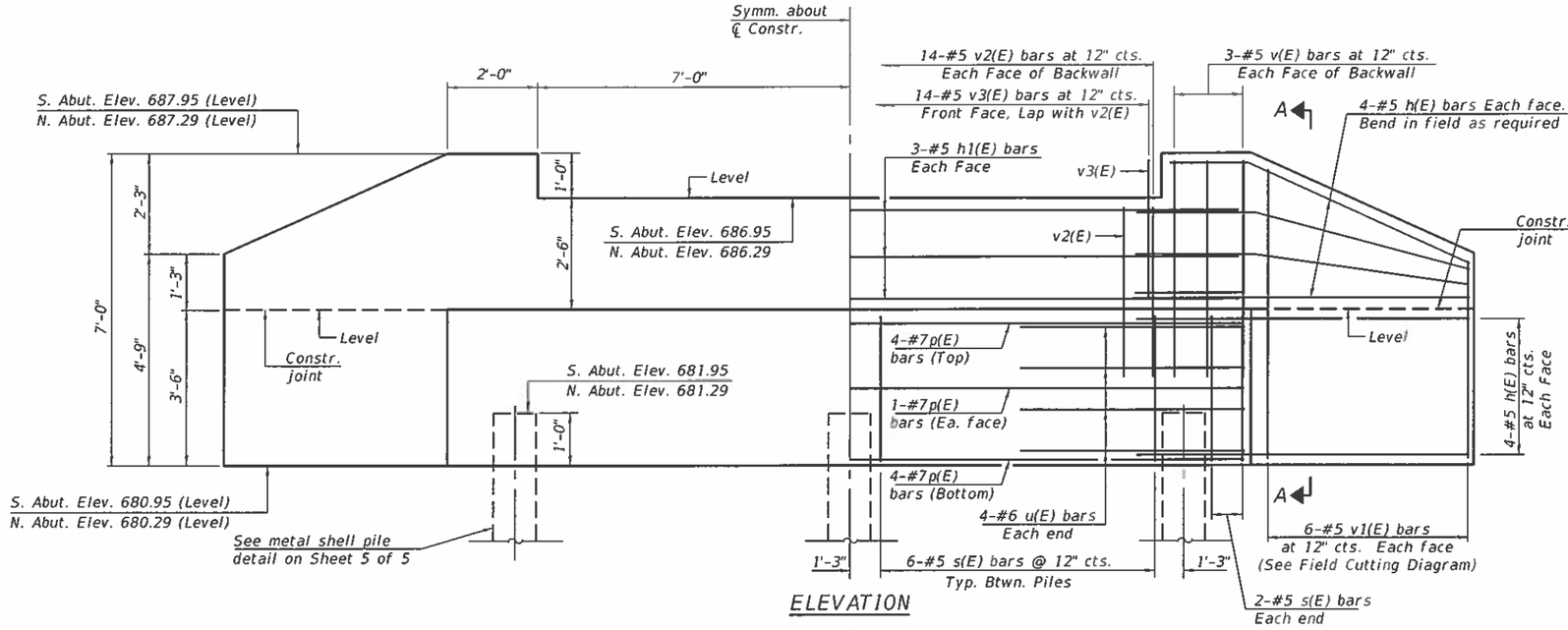
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| PLOT DATE = 4/8/2019 | DRAWN - SJS | REVISED - |
| | CHECKED - MDC | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**BRIDGE APPROACH SLAB DETAILS**
**MAINLINE BRIDGE**
SHEET 3 OF 5 SHEETS

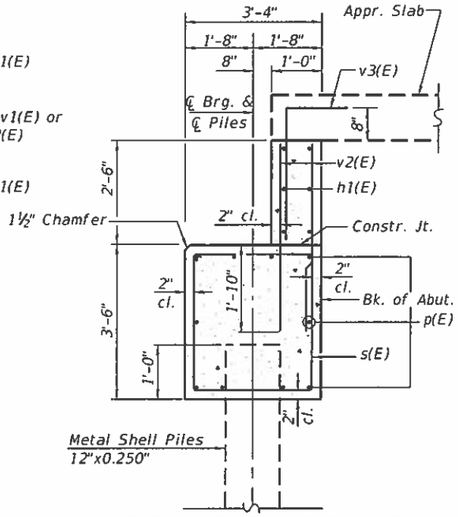
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|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 56 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |



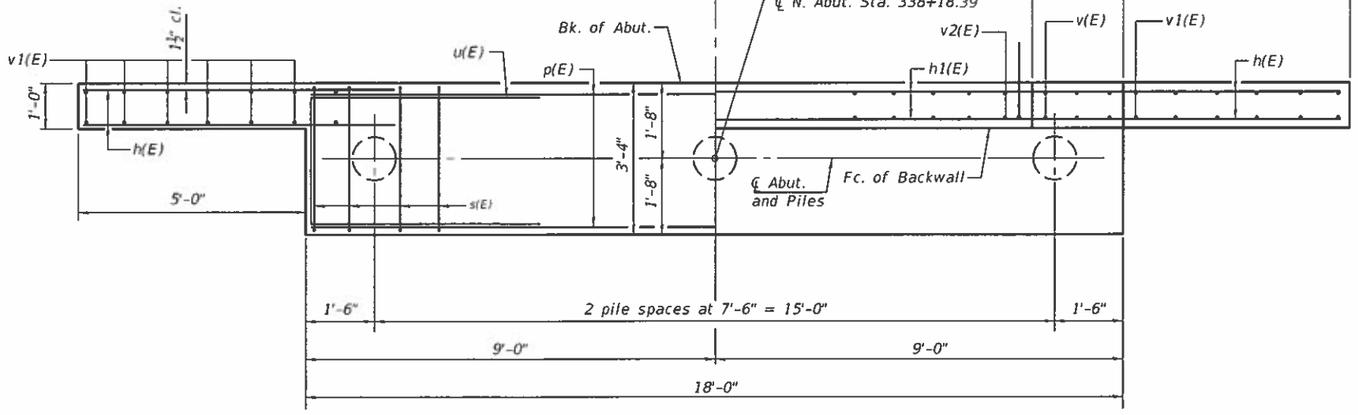

ELEVATION



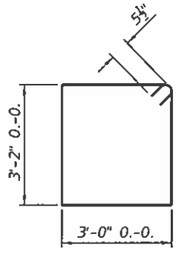

SECTION A-A



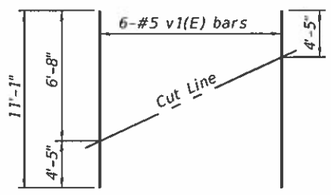

SECTION THRU ABUTMENT




PLAN

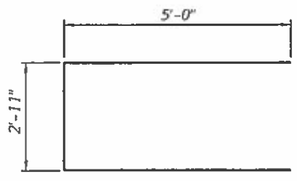



BAR s(E)

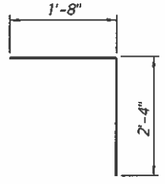



FIELD CUTTING DIAGRAM

Order v1(E) bars full length. Cut as shown and use remainder of bars in opposite face.




BAR u(E)




BAR v3(E)

## PILE DATA

Type: Metal Shell Pile 12"x0.25"
Nominal Required Bearing: 185 kips
Factored Resistance Available: 102 kips
No. Required: 6 piles*
Estimated Length: 25 ft. @ W. Abut.
25 ft. @ E. Abut.

* Includes one test pile to be driven in a permanent location at each Abutment, as directed by the Engineer, before ordering the remainder of the piles. The test pile shall be driven to 110 percent of the Nominal Required Bearing indicated in the pile data information.

## BILL OF MATERIAL
## TWO ABUTMENTS

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| h(E) | 64 | #5 | 7'-4" | |
| h1(E) | 12 | #5 | 17'-8" | |
| | | | | |
| p(E) | 20 | #7 | 17'-8" | |
| | | | | |
| s(E) | 32 | #5 | 13'-3" | |
| | | | | |
| u(E) | 16 | #6 | 12'-11" | |
| | | | | |
| v(E) | 24 | #5 | 6'-8" | |
| v1(E) | 24 | #5 | 11'-1" | |
| v2(E) | 56 | #5 | 4'-2" | |
| v3(E) | 28 | #5 | 4'-0" | |
| | | | | |
| | | | | |
| Concrete Structures | | | Cu. Yd. | 23.6 |
| Reinforcement Bars, Epoxy Coated | | | Pound | 2,990 |
| Furnishing Metal Shell Piles 12"x0.250" | | | Foot | 100 |
| Driving Piles | | | Foot | 100 |
| Structure Excavation | | | Cu. Yd. | 5 |
| Test Pile Metal Shells | | | Each | 2 |
| Concrete Sealer | | | Sq. Ft. | 486 |
| | | | | |

Notes:
Concrete Sealer shall be applied to the bearing seat and the front face of the backwall, wingwall and pile cap.

MODEL: $MODELNAME$
FILE NAME: $FILE$

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Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB # = 2562 | DESIGNED - AAN | REVISED - | |
| FILE NAME = $FILE$ | CHECKED - MDC | REVISED - | |
| PLOT DATE = $DATE$ | DRAWN - SJS | REVISED - | |
| | CHECKED - MDC | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

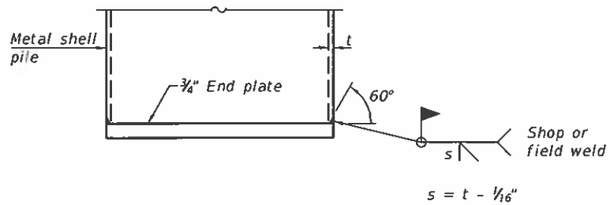
ABUTMENTS
MAINLINE BRIDGE
SHEET 4 OF 5 SHEETS

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 57 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

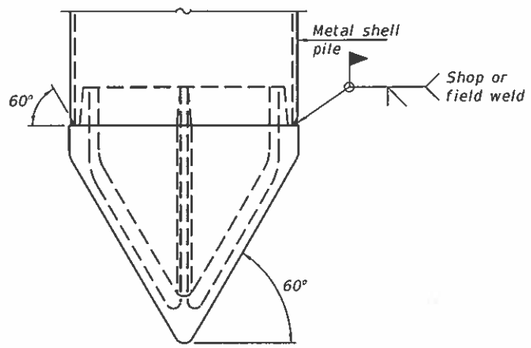



## METAL SHELL PILE TABLE

| Designation and outside diameter | Wall thickness t | Weight per foot (Lbs./ft.) | Inside volume (yd.³/ft.) |
|---|---|---|---|
| PP12 | 0.250" | 31.37 | 0.0267 |
| PP14 | 0.250" | 36.71 | 0.0368 |
| PP14 | 0.312" | 45.61 | 0.0361 |
| PP16 | 0.312" | 52.32 | 0.0478 |
| PP16 | 0.375" | 62.64 | 0.0470 |

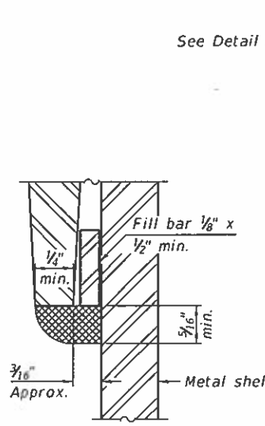



## END PLATE ATTACHMENT

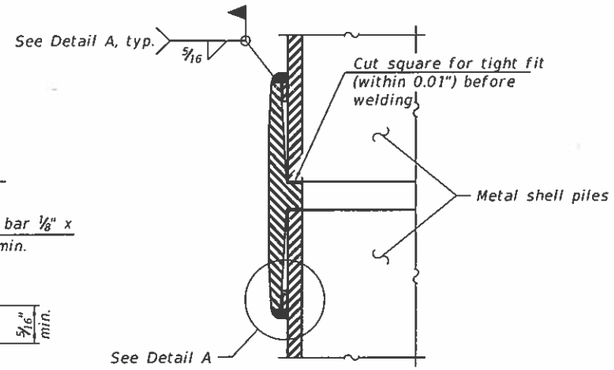



## PILE SHOE ATTACHMENT

*(When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 90-60 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld).*

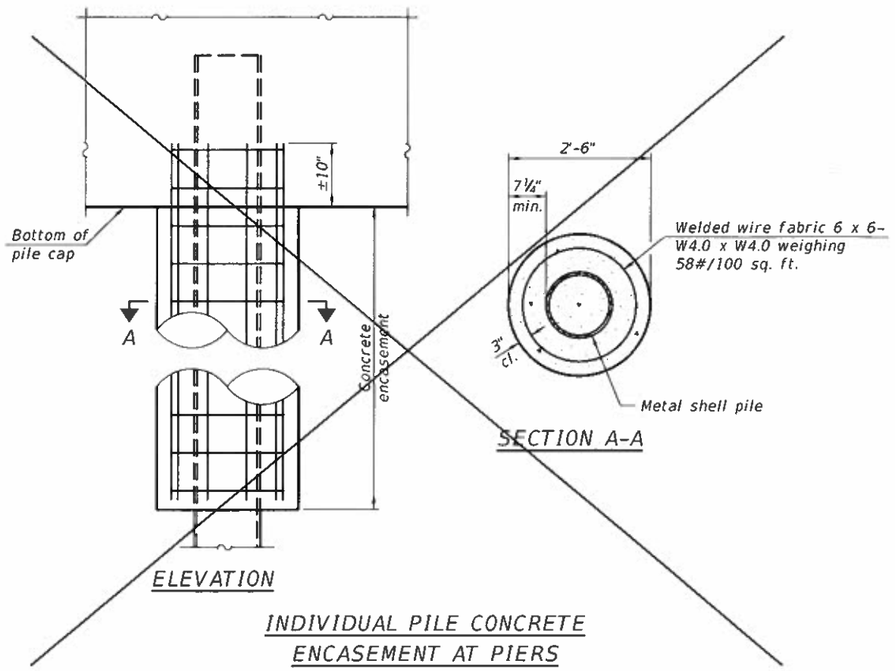



## DETAIL A

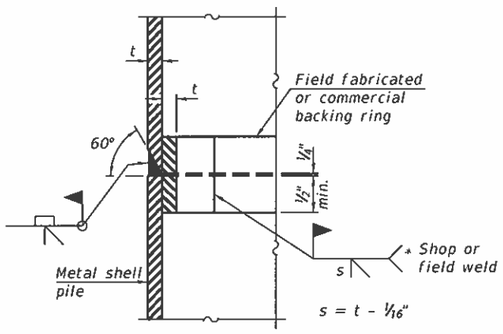



## WELDED COMMERCIAL SPLICE

Notes:
The ⅛" x ½" min. fill bar may be constructed of 2 bars with a ⅛" max. gap between them.
Pile segments shall be driven to solid contact with splicer before welding.

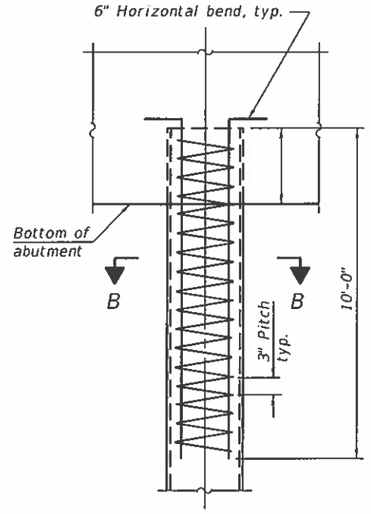



## INDIVIDUAL PILE CONCRETE ENCASEMENT AT PIERS

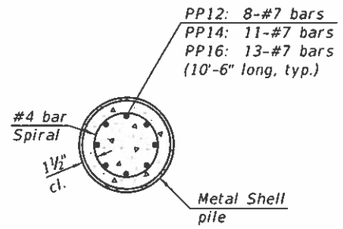



## COMPLETE PENETRATION WELD SPLICE

* *Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.*




## ELEVATION




## SECTION B-B

## REINFORCEMENT AT ABUTMENTS

Note:
The metal shell piles shall be according to Article 1006.05 of the Standard Specifications.

F-MS 8-11-2017

MODEL: $MODELNAMES
FILE NAME: $FILELS

CEC Cummins Engineering Corporation — Civil and Structural Engineering

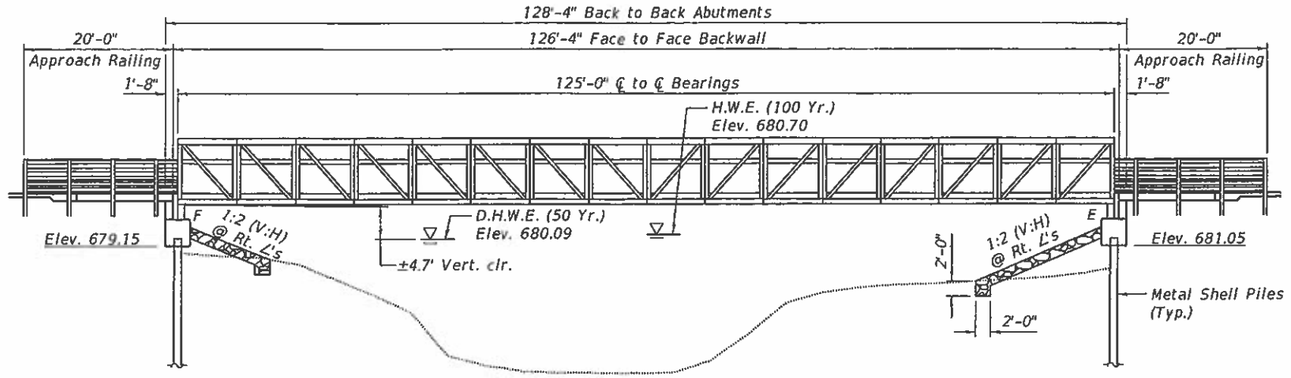
| | | | |
|---|---|---|---|
| JOB # = 2562 | DESIGNED - AAN | REVISED - | |
| FILE NAME = $FILES$ | CHECKED - MDC | REVISED - | |
| PLOT DATE = $DATE$ | DRAWN - SJS | REVISED - | |
| | CHECKED - MDC | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

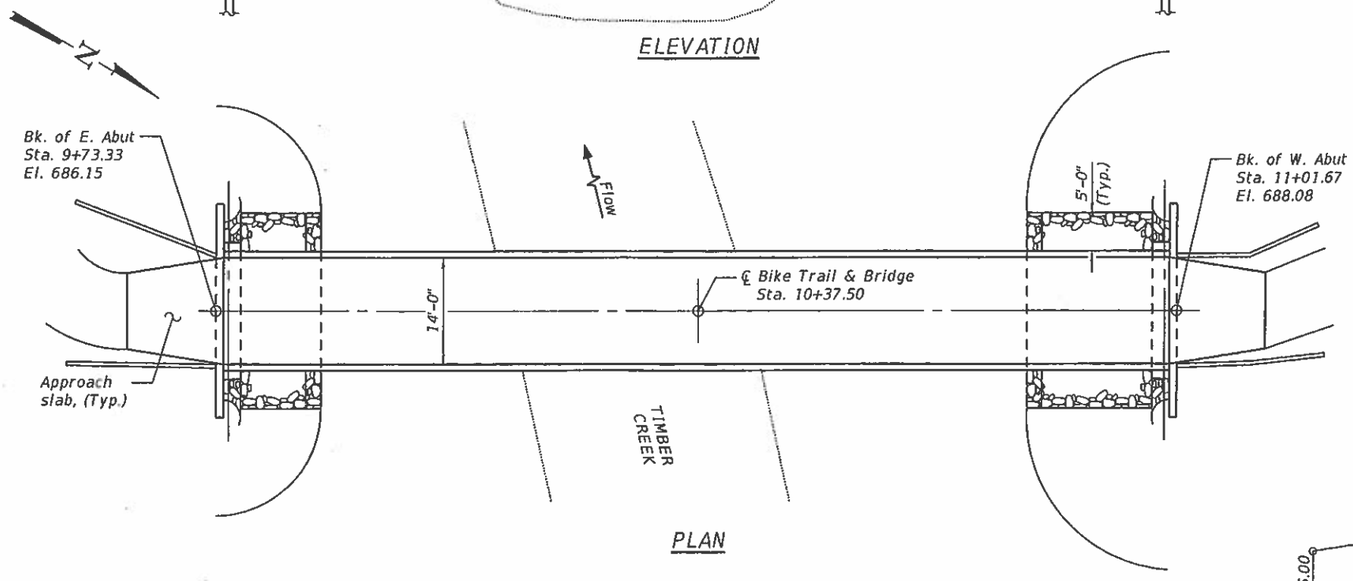
**METAL SHELL PILE DETAILS**
**MAINLINE BRIDGE**
SHEET $ OF $ SHEETS

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 58 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

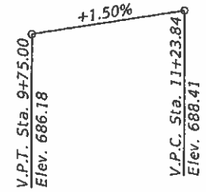
Bm#11 - Mag Spike in power pole 46' Rt. Sta. 378+36 Elev. 689.33



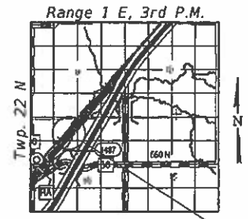

ELEVATION




PLAN




PROFILE GRADE
(along ℄ Trail)




LOCATION SKETCH

## WATERWAY INFORMATION

Drainage Area = 27.7 sq. mi. Low Grade Elev. 682.18 @ Sta. 7+80.00

| Flood | Freq. Yr. | Q C.F.S. | Opening Ft² Exist. | Opening Ft² Prop. | Nat. H.W.E. | Head - Ft. Exist. | Head - Ft. Prop. | Headwater El. Exist. | Headwater El. Prop. |
|---|---|---|---|---|---|---|---|---|---|
| | 10 | 2260 | N/A | 745.9 | 678.19 | N/A | 0.3 | N/A | 678.49 |
| Design | 50 | 3520 | N/A | 926.2 | 680.09 | N/A | 0.42 | N/A | 680.51 |
| Base | 100 | 4060 | N/A | 992.4 | 680.70 | N/A | 0.44 | N/A | 681.14 |
| Max. Calc. | 500 | 5370 | N/A | 1131.7 | 681.94 | N/A | 0.48 | N/A | 682.42 |

## INDEX OF SHEETS


1. General Plan & Elevation
2. General Data
3. Bridge Approach Slab Details
4. Abutments
5. Metal Shell Piles


## DESIGN SPECIFICATIONS

2009 AASHTO LRFD Guide Specifications for the Design of Pedestrian Bridges (Superstructure)

2017 AASHTO LRFD Bridge Design Specification, 8th Edition (Abutments)

## LOADING H-10

Vehicle Load: 20,000 lb
Pedestrian Load: 90 psf uniform load

## DESIGN STRESSES

FIELD UNITS (New Construction)

f'c = 3,500 psi (Substructure)
fy = 60,000 psi (Reinforcement)

## SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (SD1) = 0.089g
Design Spectral Acceleration at 0.2 sec. (SDS) = 0.156g
Soil Site Class = C

## TOTAL BILL OF MATERIAL

| ITEM | UNIT | SUPER | SUB | TOTAL |
|---|---|---|---|---|
| Concrete Structures | Cu. Yd. | 23.6 | | 23.6 |
| Protective Coat | Sq. Yd. | 35 | | 35 |
| Concrete Superstructure (Approach Slab) | Cu. Yd. | 11.8 | | 11.8 |
| Reinforcement Bars, Epoxy Coated | Pound | 1150 | 2990 | 4140 |
| Furnishing Metal Shell Piles 12"x0.250" | Foot | | 100 | 100 |
| Driving Piles | Foot | | 100 | 100 |
| Test Pile Metal Shells | Each | | 2 | 2 |
| Concrete Sealer | Sq. Ft. | | 486 | 486 |
| Pedestrian Truss Superstructure | Sq. Ft. | 1750 | | 1750 |
| Granular Backfill for Structures | Cu. Yd. | | 32 | 32 |
| Anchor Bolts, 1" | Each | 8 | | 8 |
| Stone Riprap, Class A4 | Sq. Yd. | | | 99 |

"I certify that to the best of my knowledge, information and belief, this bridge foundation design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current 'AASHTO Bridge Design Specifications'."

Michael D. Cummins 4/5/19

ILLINOIS STRUCTURAL NO. 4822 (Expires 11/30/20)

LICENSED STRUCTURAL ENGINEER
MICHAEL D. CUMMINS
4822
SPRINGFIELD
STATE OF ILLINOIS

# GENERAL PLAN AND ELEVATION
# PEDESTRIAN BRIDGE OVER TIMBER CREEK
# SECTION 17-00001-05-BT
# MCLEAN COUNTY
# STA 10+37.50

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB = 2562 | DESIGNED - AAN | REVISED - | |
| FILE NAME = 2562_057-0000-01-GPE.dgn | CHECKED - MDC | REVISED - | |
| PLOT DATE = 4/8/2019 | DRAWN - SJS | REVISED - | |
| | CHECKED - MDC | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

GENERAL PLAN AND ELEVATION
SPUR BRIDGE
SHEET 1 OF 6 SHEETS

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 59 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

MODEL: Default
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## GENERAL NOTES

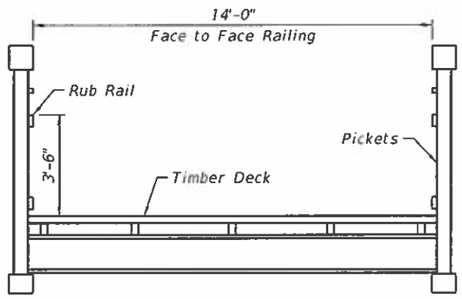
No field welding is permitted except as specified in the contract documents.

Reinforcement bars designated (E) shall be epoxy coated.

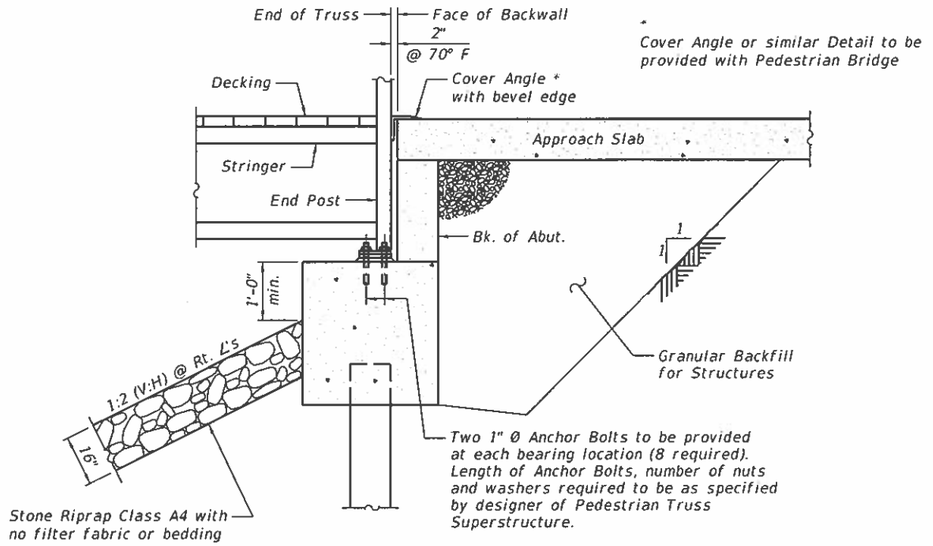
Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of ⅛ inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

Concrete Sealer shall be applied to the designated areas of the abutments.

Timber deck planks shall be placed with the grain such that cupping will not cause water to sit on a plank.




PROPOSED DECK SECTION




SECTION THRU ABUTMENT

## BRIDGE SPAN REACTIONS

COMBINE REACTION AS PER LOCAL OR GOVERNING BUILDING CODES AS REQUIRED
+ DOWNWARD LOAD
- UPWARD LOAD

| LOAD | P lbs | H lbs | L lbs |
|---|---|---|---|
| DEAD | 21,700 | | |
| UNIFORM LIVE | 43,900 | | |
| VEHICLE | 13,800 | | |
| WIND | | 19,700 | 13,100 |
| WINDWARD | -22,300 | | |
| LEEWARD | 6,100 | | |
| THERMAL | | | 4,300 |

"P" - VERTICAL LOAD EACH BASE PLATE (4 PER BRIDGE SPAN)
"H" - HORIZONTAL LOAD EACH FOOTING (2 PER BRIDGE SPAN)
"L" - LONGITUDINAL LOAD EACH BASE PLATE (4 PER BRIDGE SPAN)

MODEL: $MODELNAME$
FILE NAME: $FILE$

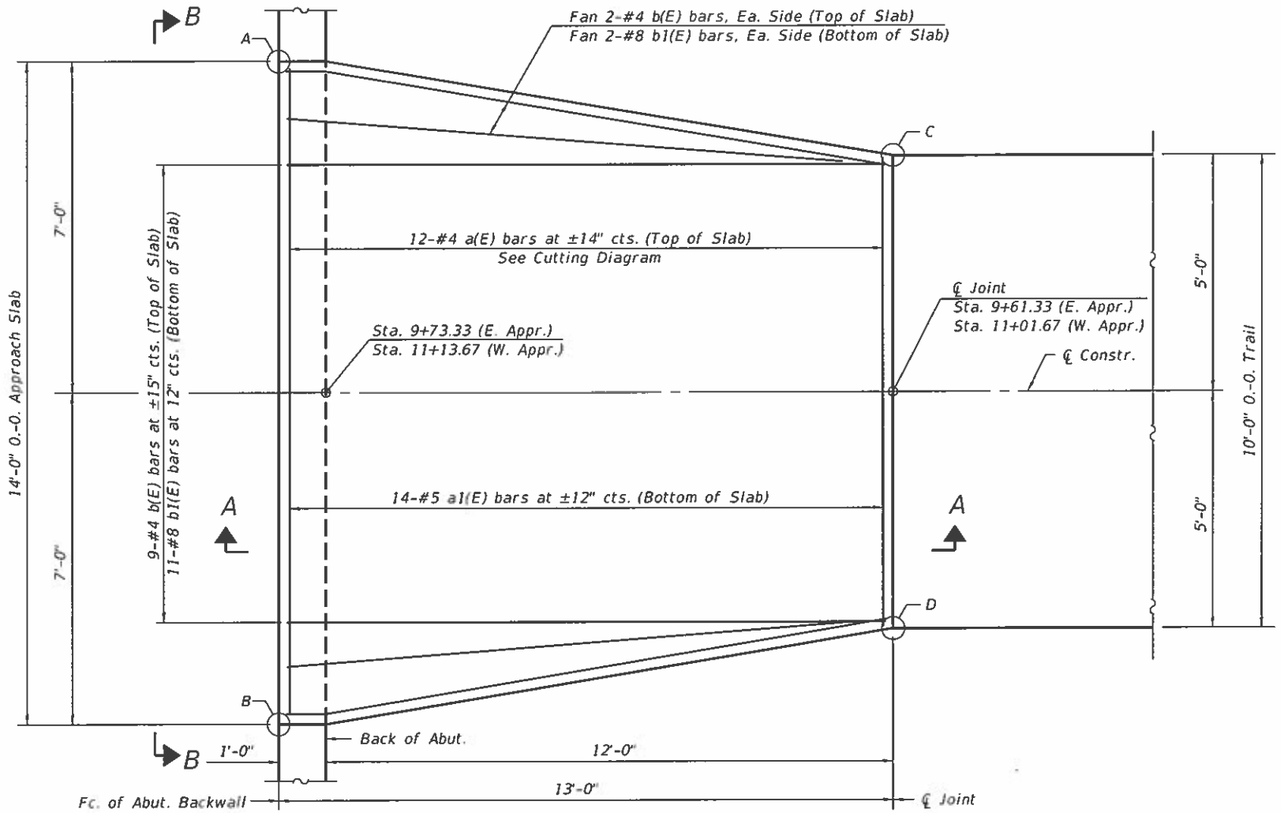
CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
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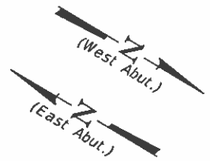
**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**
**SPUR BRIDGE**

**GENERAL DATA**
**SPUR BRIDGE**
SHEET 2 OF 5 SHEETS

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 60 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

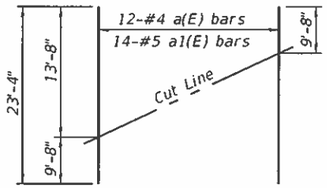



PLAN



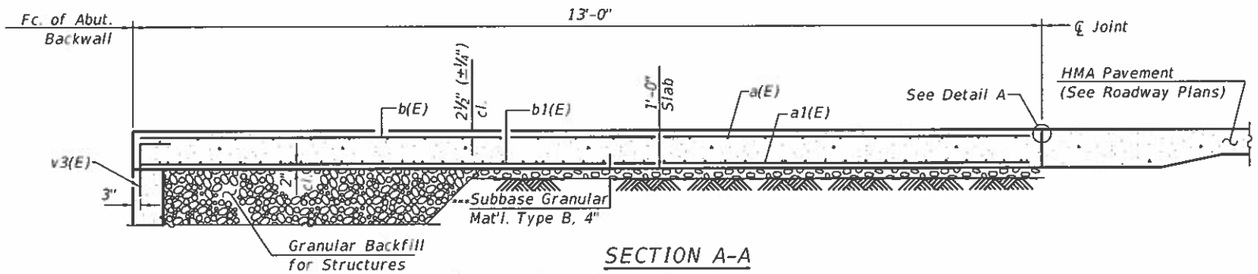

## TOP OF APPROACH ELEVATIONS

| Point | East Approach | West Approach |
|---|---|---|
| A | 686.15 | 688.08 |
| B | 686.15 | 688.08 |
| C | 686.12 | 688.18 |
| D | 685.87 | 688.36 |



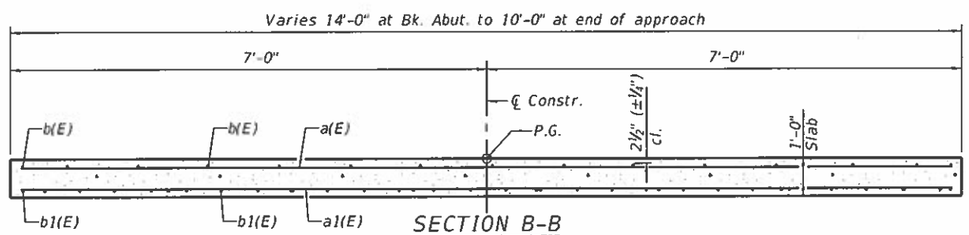

## FIELD CUTTING DIAGRAM

Order a(E) and a1(E) bars full length. Cut as shown and use remainder of bars at opposite approach.




SECTION A-A

***Cost included with Concrete Superstructure (Approach Slab)



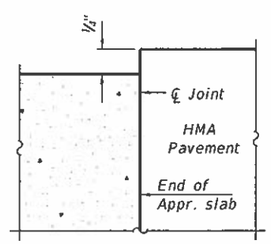

SECTION B-B

(See Plan for dimensions not shown)

Notes:
Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 5.

## TWO APPROACHES BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| a(E) | 12 | #4 | 23'-4" | |
| a1(E) | 14 | #5 | 23'-4" | |
| | | | | |
| b(E) | 13 | #4 | 12'-8" | |
| b1(E) | 15 | #8 | 12'-8" | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Concrete Superstructure (Approach Slab) | | | Cu. Yd. | 11.8 |
| Protective Coat | | | Sq. Yd. | 35 |
| Reinforcement Bars, Epoxy Coated | | | Pound | 1,150 |




FLEXIBLE PAVEMENT

DETAIL A

MODEL: $MODELNAME$
FILE NAME: $FILEL$

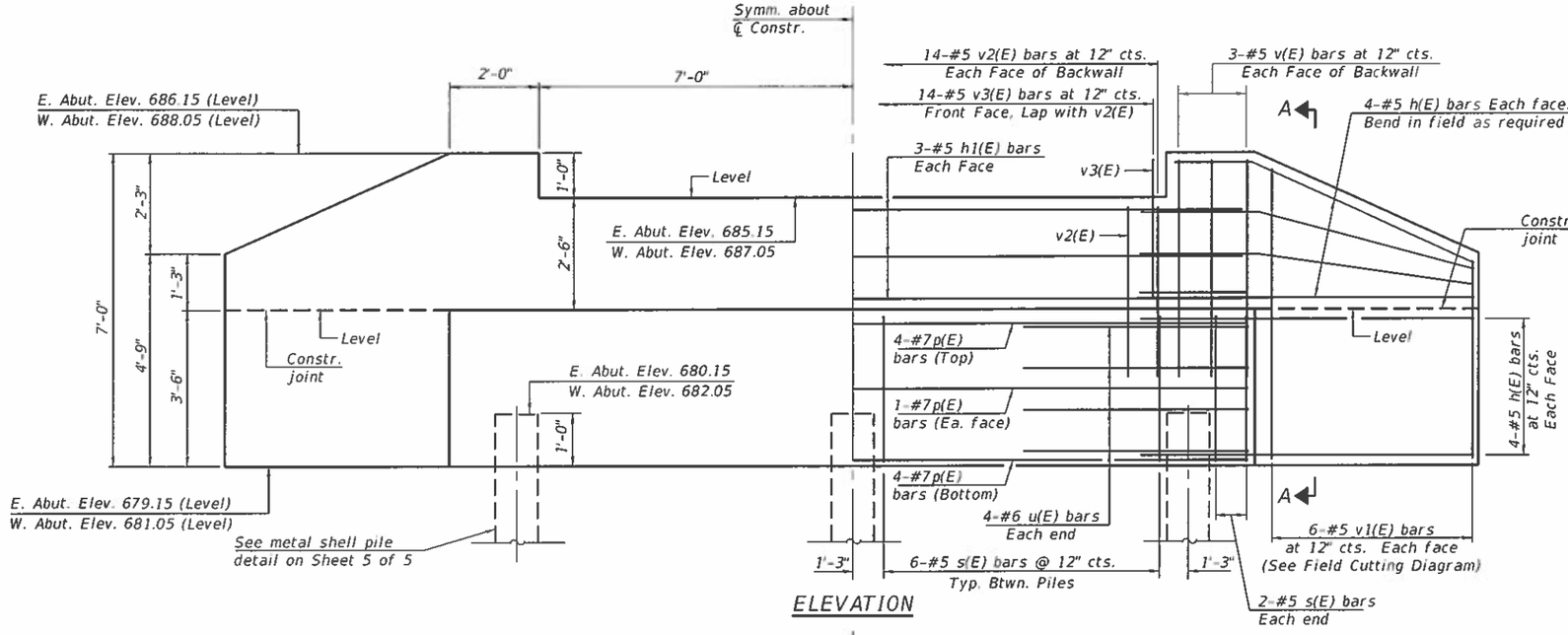
CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
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| FILE NAME = $FILESS | CHECKED - MDC | REVISED - | |
| PLOT DATE = $DATE$ | DRAWN - SJS | REVISED - | |
| | CHECKED - MDC | REVISED - | |

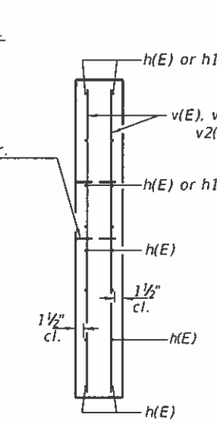
**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**BRIDGE APPROACH SLAB DETAILS**
**SPUR BRIDGE**
SHEET 3 OF 5 SHEETS

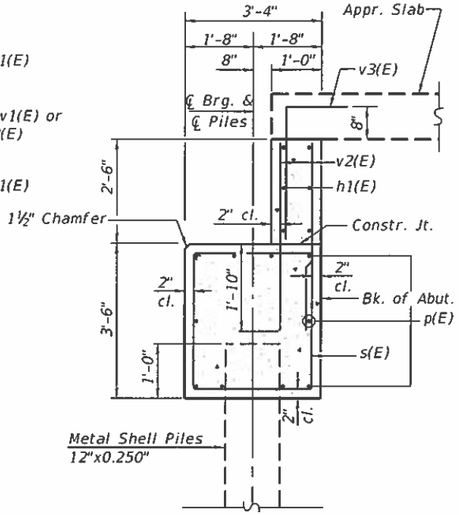
| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 61 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |



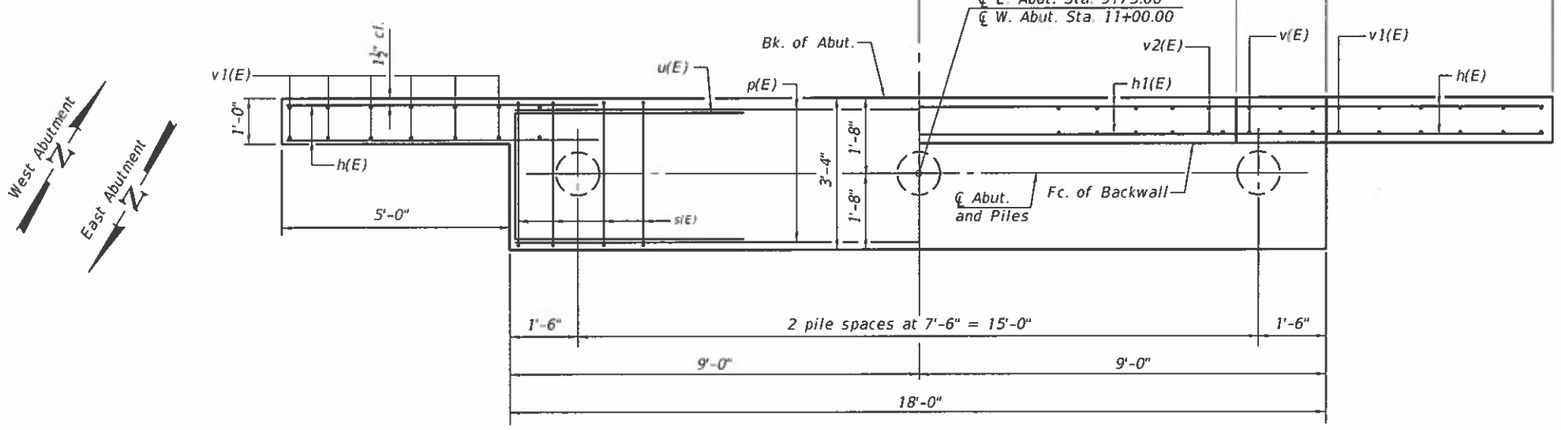

ELEVATION



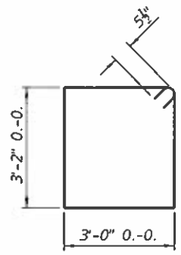

SECTION A-A



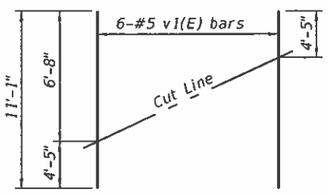

SECTION THRU ABUTMENT




PLAN

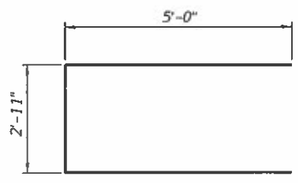



BAR s(E)

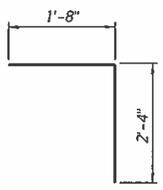



FIELD CUTTING DIAGRAM

Order v1(E) bars full length. Cut as shown and use remainder of bars in opposite face.




BAR u(E)




BAR v3(E)

## PILE DATA

Type: Metal Shell Pile 12"x0.25"
Nominal Required Bearing: 173 kips
Factored Resistance Available: 95 kips
No. Required: 6 piles*
Estimated Length: 25 ft. @ W. Abut.
25 ft. @ E. Abut.

* Includes one test pile to be driven in a permanent location at each Abutment, as directed by the Engineer, before ordering the remainder of the piles. The test pile shall be driven to 110 percent of the Nominal Required Bearing indicated in the pile data information.

## BILL OF MATERIAL
## TWO ABUTMENTS

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| h(E) | 64 | #5 | 7'-4" | |
| h1(E) | 12 | #5 | 17'-8" | |
| p(E) | 20 | #7 | 17'-8" | |
| s(E) | 32 | #5 | 13'-3" | |
| u(E) | 16 | #6 | 12'-11" | |
| v(E) | 24 | #5 | 6'-8" | |
| v1(E) | 24 | #5 | 11'-1" | |
| v2(E) | 56 | #5 | 4'-2" | |
| v3(E) | 28 | #5 | 4'-0" | |
| Concrete Structures | | | Cu. Yd. | 23.6 |
| Reinforcement Bars, Epoxy Coated | | | Pound | 2,990 |
| Furnishing Metal Shell Piles 12"x0.250" | | | Foot | 100 |
| Driving Piles | | | Foot | 100 |
| Structure Excavation | | | Cu. Yd. | xx |
| Test Pile Metal Shells | | | Each | 2 |
| Concrete Sealer | | | Sq. Ft. | 486 |

Notes:
Concrete Sealer shall be applied to the bearing seat and the front face of the backwall, wingwall and pile cap.

MODEL: $MODELNAME$
FILE NAME: $FILE$

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
| JOB # = 2562 | DESIGNED - AAN | REVISED - | |
| FILE NAME = $FILE$ | CHECKED - MDC | REVISED - | |
| PLOT DATE = $DATE$ | DRAWN - SJS | REVISED - | |
| | CHECKED - MDC | REVISED - | |

MCLEAN COUNTY
RTE 66 BIKE TRAIL

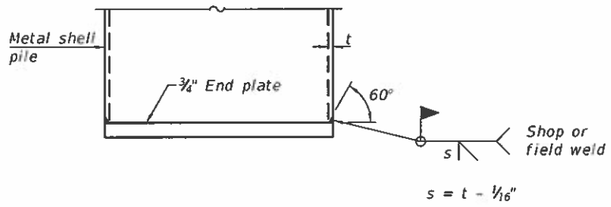
ABUTMENTS
SPUR BRIDGE
SHEET 4 OF 5 SHEETS

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 62 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

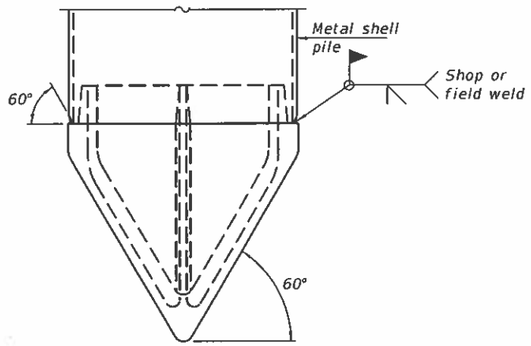



## METAL SHELL PILE TABLE

| Designation and outside diameter | Wall thickness t | Weight per foot (Lbs./ft.) | Inside volume (yd.³/ft.) |
|---|---|---|---|
| PP12 | 0.250" | 31.37 | 0.0267 |
| PP14 | 0.250" | 36.71 | 0.0368 |
| PP14 | 0.312" | 45.61 | 0.0361 |
| PP16 | 0.312" | 52.32 | 0.0478 |
| PP16 | 0.375" | 62.64 | 0.0470 |

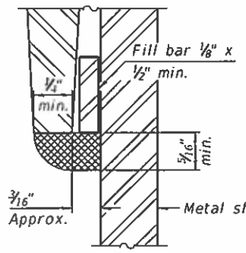



## END PLATE ATTACHMENT

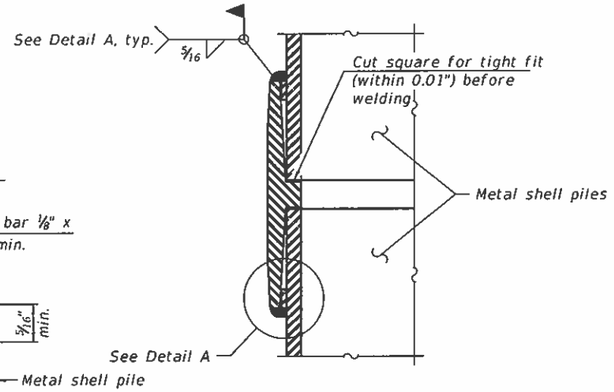



## PILE SHOE ATTACHMENT

*(When called for on the plans, the Contractor shall furnish metal shell pile shoes consisting of a single piece conical pile point as shown. The pile shoes shall be cast in one piece steel according to either ASTM A 148 Grade 90-60 or AASHTO M 103 Grade 65-35 and shall provide full bearing over the full circumference of the metal shell pile. The pile shoe shall have tapered leads to assure proper alignment and fitting and shall be secured to the pile with a circumferential weld).*

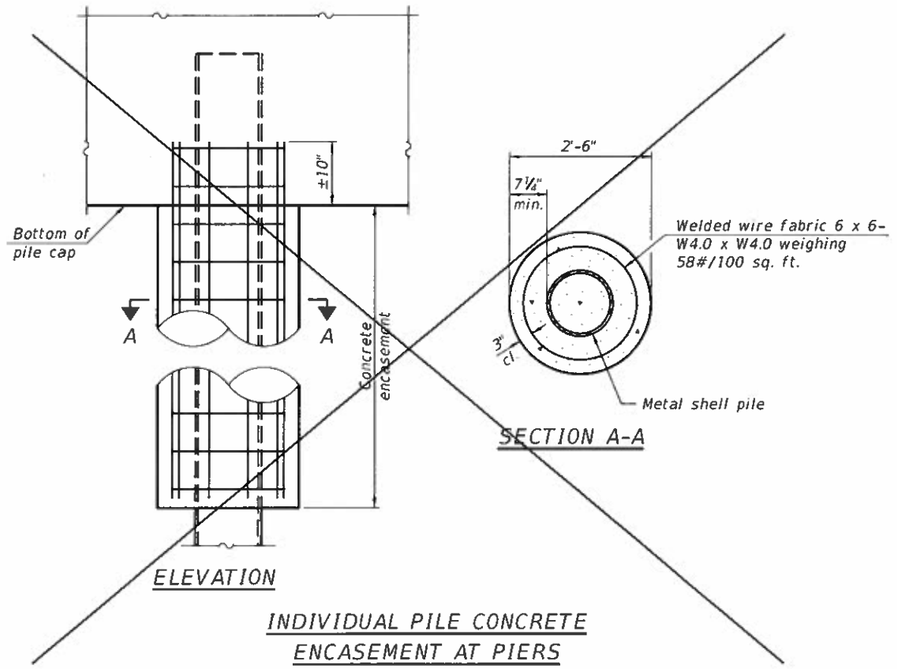



## DETAIL A

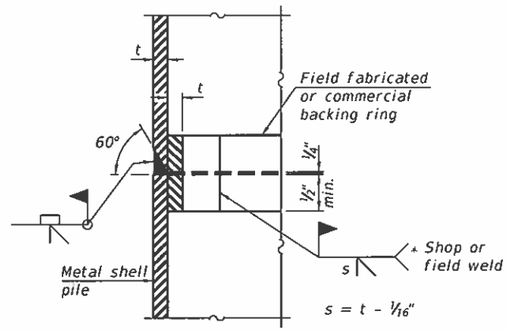



## WELDED COMMERCIAL SPLICE

Notes:
The ⅛" x ½" min. fill bar may be constructed of 2 bars with a ⅛" max. gap between them.
Pile segments shall be driven to solid contact with splicer before welding.

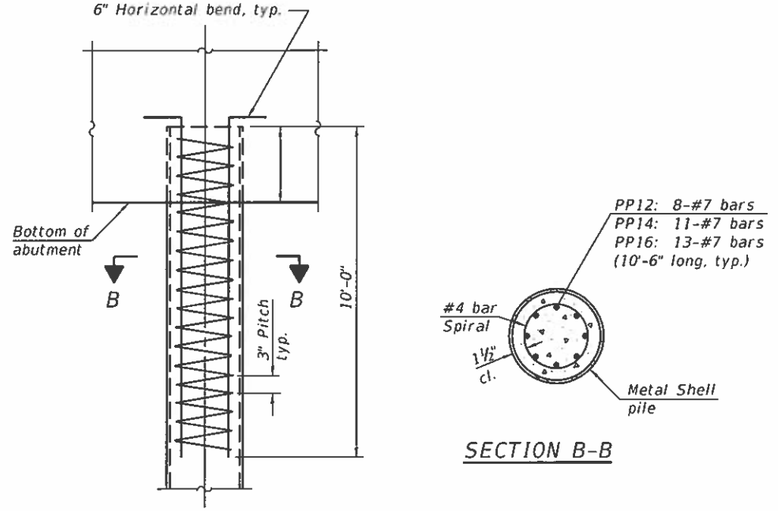



## INDIVIDUAL PILE CONCRETE ENCASEMENT AT PIERS




## COMPLETE PENETRATION WELD SPLICE

* Field fabricated backing ring may be made from pile shell by removing segment to allow reducing circumference and vertically rejoin with partial joint penetration weld.




## REINFORCEMENT AT ABUTMENTS

Note:
The metal shell piles shall be according to Article 1006.05 of the Standard Specifications.

F-MS 8-11-2017

MODEL: $MODELNAMES
FILE NAME: $FILELS

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
|---|---|---|---|
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| PLOT DATE = $DATE$ | DRAWN - SJS | REVISED - | |
| | CHECKED - MDC | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**METAL SHELL PILE DETAILS**
**SPUR BRIDGE**
SHEET 5 OF 5 SHEETS

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 63 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

322+50.00

322+00.00

321+90.00

321+50.00

321+00.00

320+50.00

695.56 2.00 % 695.46

695.36

695.81 2.00 % 695.91

696.01

696.40 2.00 % 696.00

695.60

696.71 2.00 % 696.37

695.97

697.28 2.00 % 696.82

696.42

C = 0 F = 19

C = 0 F = 14

C = 0 F = 43

C = 0 F = 30

C = 9 F = 44

TEL

43

b3

SIDE ROAD FOUND

0.34%

PR. PIPE CULVERT
CLASS D, TYPE 1, 18" ERS

ORIGINAL SURVEY

| SURVEYED | BY | DATE |
|---|---|---|
| PLOTTED | | |
| TEMPLATE | | |
| AREAS | | |
| AREAS CHECKED | | |
| NOTE BOOK | | |
| NO. | | |

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CEC Cummins Engineering Corporation
Civil and Structural Engineering

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| PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 320+50.00 TO STA. 322+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 84 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
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| | PLOTTED | | |
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| ORIGINAL SURVEY | SURVEYED | BY | DATE |
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| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
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325+50.00

325+00.00

324+50.00

324+00.00

323+50.00

323+00.00

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | |
|---|---|---|
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| PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 323+00.00 TO STA. 325+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 65 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
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| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: M:\2562 McLean County Rt 66 Bike Trail\CAD\Sheets\2562-sht-xsec1.dgn

**327+50.00**

C = 2 F = 9

TEL

**327+00.00**

C = 1 F = 10

TEL

**326+50.00**

C = 1 F = 13

TEL

**326+00.00**

C = 1 F = 14

TEL

| | | | |
|---|---|---|---|
| 692.88 | 692.21 | 692.55 | 692.88 |
| 2.00 % | 2.00 % | 2.00 % | 2.00 % |
| 691.98 | 692.31 | 692.65 | 692.98 |
| 8.81 | 9.27 | 7.49 | 8.02 |
| 691.35 | 691.53 | 692.46 | 692.62 |
| 693.08 | 692.41 | 692.75 | 693.08 |

| | | | |
|---|---|---|---|
| 4:3 | 4:3 | 4:3 | 4:3 |
| H25 | H25 | H25 | H25 |

CEC Cummins Engineering Corporation
Civil and Structural Engineering

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| PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 326+00.00 TO STA. 327+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 66 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
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330+00.00 329+50.00 329+00.00 328+50.00 328+00.00

CEC Cummins Engineering Corporation
Civil and Structural Engineering

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|---|---|---|
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| PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 328+00.00 TO STA. 330+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 67 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
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332+50.00 · 332+00.00 · 331+50.00 · 331+00.00 · 330+50.00

695 · 690 · 685 · 45 · 40 · 35 · 30 · 25 · 20 · 15 · 10 · 5 · 0 · 5 · 10 · 15 · 20 · 25 · 30 · 35 · 40 · 45

CEC Cummins Engineering Corporation
Civil and Structural Engineering

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| PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 330+50.00 TO STA. 332+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 68 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
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| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| | 1:1 TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

335+38.04

333+84.71

333+50.00

333+00.00

BRIDGE OMISSION
STA 333+85.73 TO STA 335+37.06

607.30
607.95
686.79
688.64
688.44
688.34
688.20
688.00
688.10
688.20
688.08
7.00
7.28
S.D. 685.79
TEL
h25
h3
4.7
4.3
2.00 % 2.00 % 2.00 % 2.00 %
F = 58
F = 59
C = 11
F = 92
C = 37
F = 0
C = 10
F = 0

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**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 333+00.00 TO STA. 335+38.04

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 69 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

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337+00.00

336+50.00

336+00.00

335+50.00

| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2582 | DESIGNED - | REVISED - |
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| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 335+50.00 TO STA. 337+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 70 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

339+48.96

339+00.00

338+50.00

338+00.00

337+50.00

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
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CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | | |
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| PLOT DATE = 4/5/2019 | DATE - | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 337+50.00 TO STA. 339+48.96

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 71 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
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| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
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CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB # 2565
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PLOT DATE = 4/5/2019

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

MCLEAN COUNTY
RTE 66 BIKE TRAIL

SCALE:

CROSS SECTIONS

SHEET OF SHEETS STA. 340+00.00 TO STA. 342+11.13

CH 36 OMISSION
STA 341+79.68 TO STA 342+05.98

342+11.13
TEL
687.54 -2.00 % 687.54 2.00 % 687.74 44.13
C = 12 F = 0

341+74.06
TEL
687.58 -2.00 % 687.78 2.00 % 687.88 43.99
C = 11 F = 0

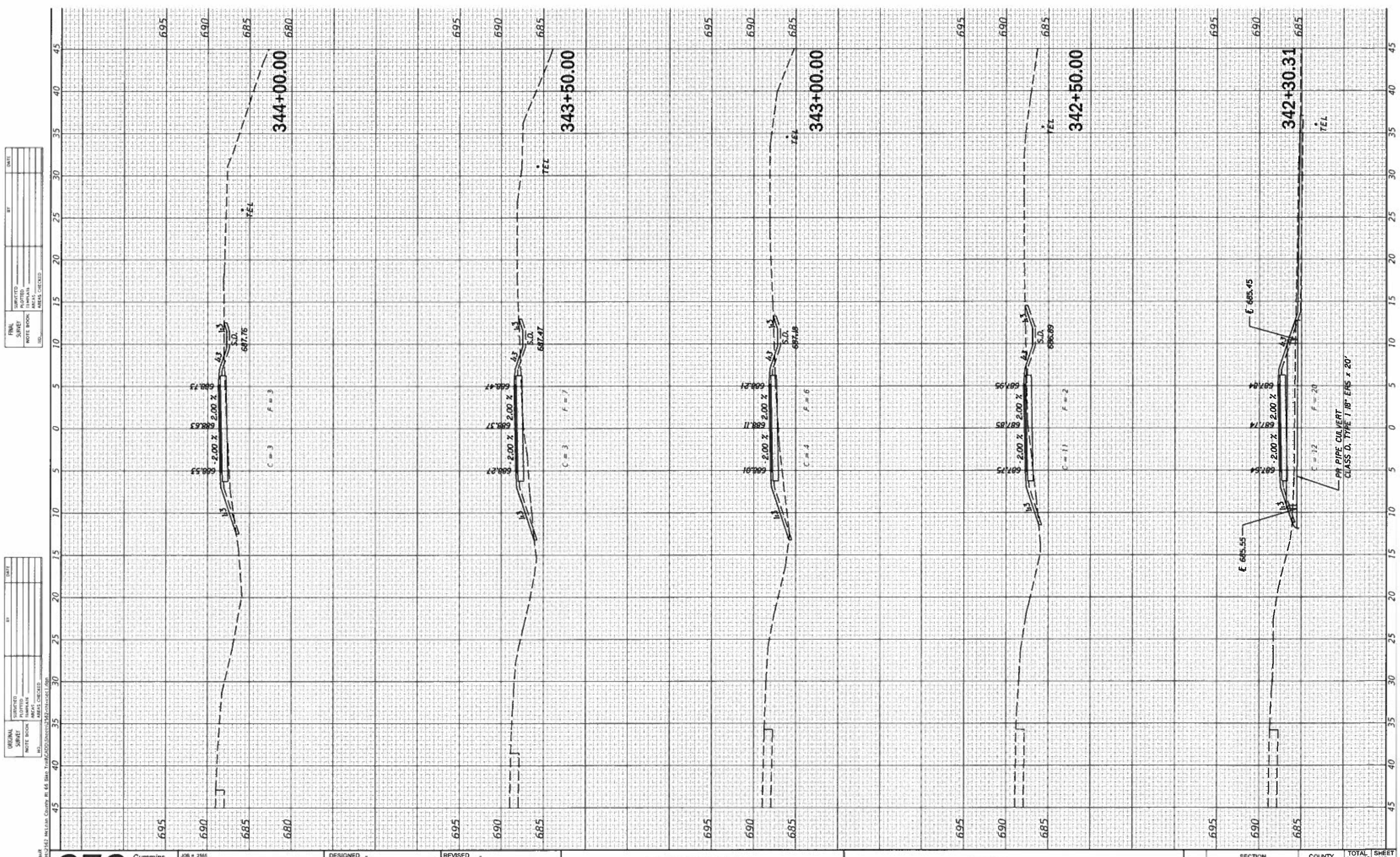
341+50.00
TEL
687.58 -2.00 % 687.78 2.00 % 687.88
C = 11 F = 0

341+00.00
TEL
4.3 687.58 -2.00 % 687.78 2.00 % 687.88 4.3
C = 4 F = 0

340+50.00
TEL
4.3 687.67 -2.00 % 687.77 2.00 % 687.87 7.00 687.75 4.25
C = 1 F = 5

340+00.00
TEL
4.3 687.67 -2.00 % 687.77 2.00 % 687.87 7.00 687.75 4.25
C = 1 F = 12

SECTION 17-00001-06-BT
ILLINOIS FED. AID PROJECT
COUNTY MCLEAN
CONTRACT NO. 91795
TOTAL SHEETS 134
SHEET NO. 72




| | | | |
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| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 342+30.31 TO STA. 344+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

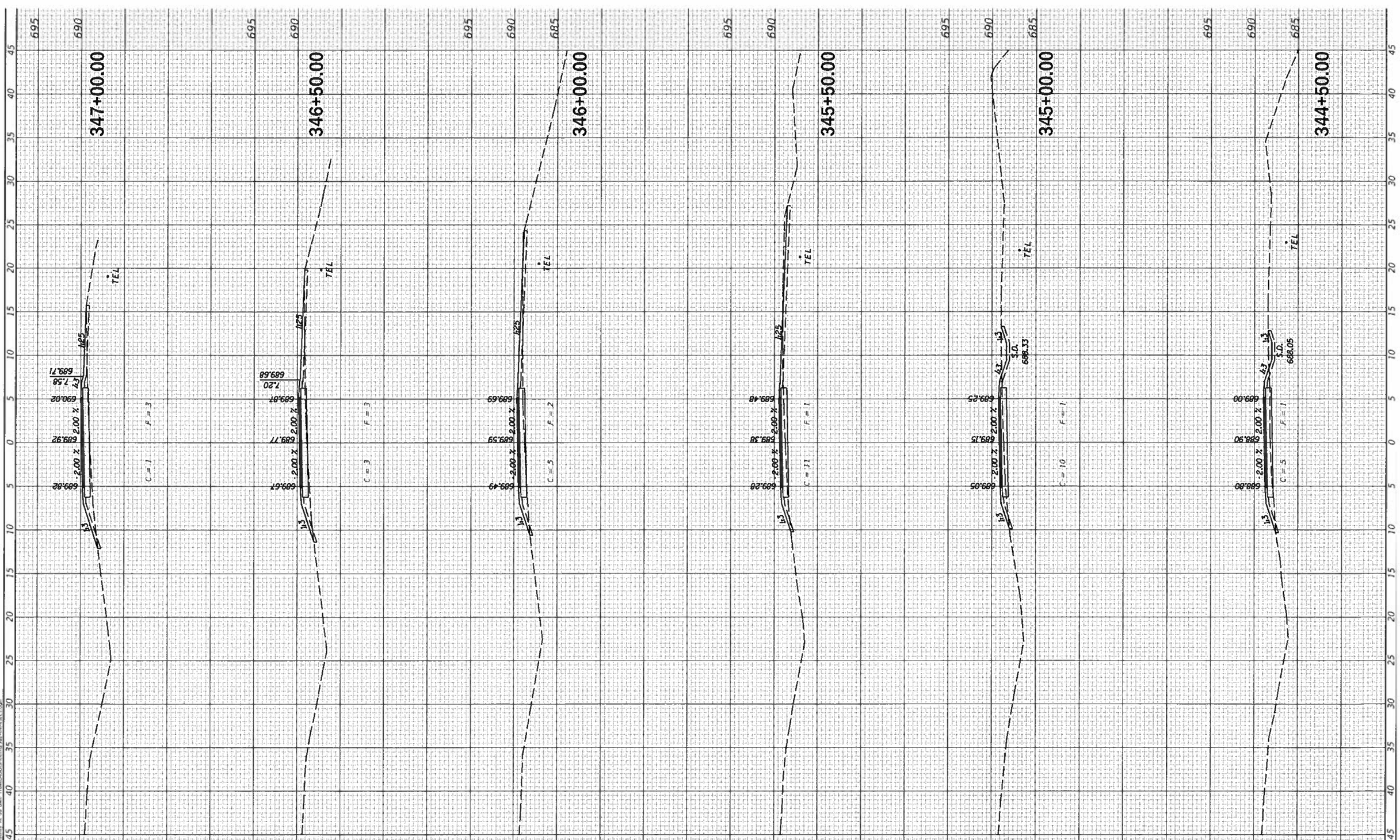
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ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

MODEL: Default
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|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
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| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |




MODEL: Default
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| CEC Cummins Engineering Corporation — Civil and Structural Engineering | | | |
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| PLOT DATE = 4/5/2019 | DATE - | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 344+50.00 TO STA. 347+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 74 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | 1"=1IPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | 1"=1IPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

350+00.00

349+50.00

349+00.00

348+50.00

348+00.00

347+50.00

MODEL: Default
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| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 347+50.00 TO STA. 350+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 75 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS | FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | H:\MAIN\ | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | I:\MPLAN\ | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: I:\H2562 Mclean County Rt 66 Bike Trail\CADD\Sheets\2562-rte-sect1.dgn

353+00.00

352+50.00

352+00.00

351+50.00

351+00.00

350+50.00

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2582-str-xsect.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

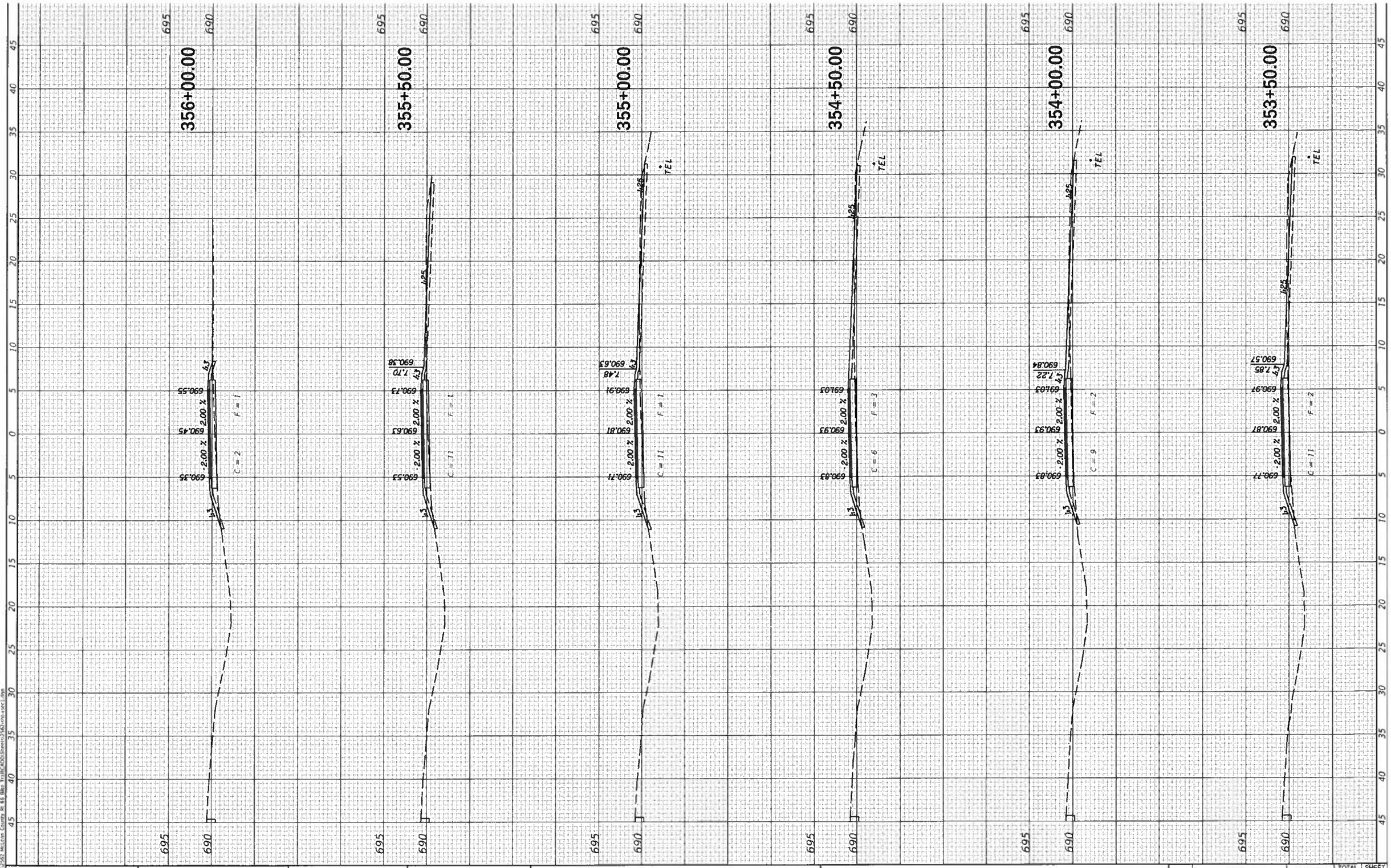
**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 350+50.00 TO STA. 353+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 78 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS | FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | H-MRAP | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | H-MRAP | | |
| | AREAS | | |
| | AREAS CHECKED | | |




| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
|---|---|---|---|
| | FILE NAME = 2562-sht-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 353+50.00 TO STA. 356+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 77 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

MODEL: Default
FILE NAME: H:\2562 McLean County Rt. 66 Bike Trail\CADD\Sheets\2562-sht-xsec1.dgn

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-xm-sect1.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

JOB = 2562
FILE NAME = 2562-xm-sect1.dgn
PLOT SCALE = 10.0000 ' / IN.
PLOT DATE = 4/5/2019

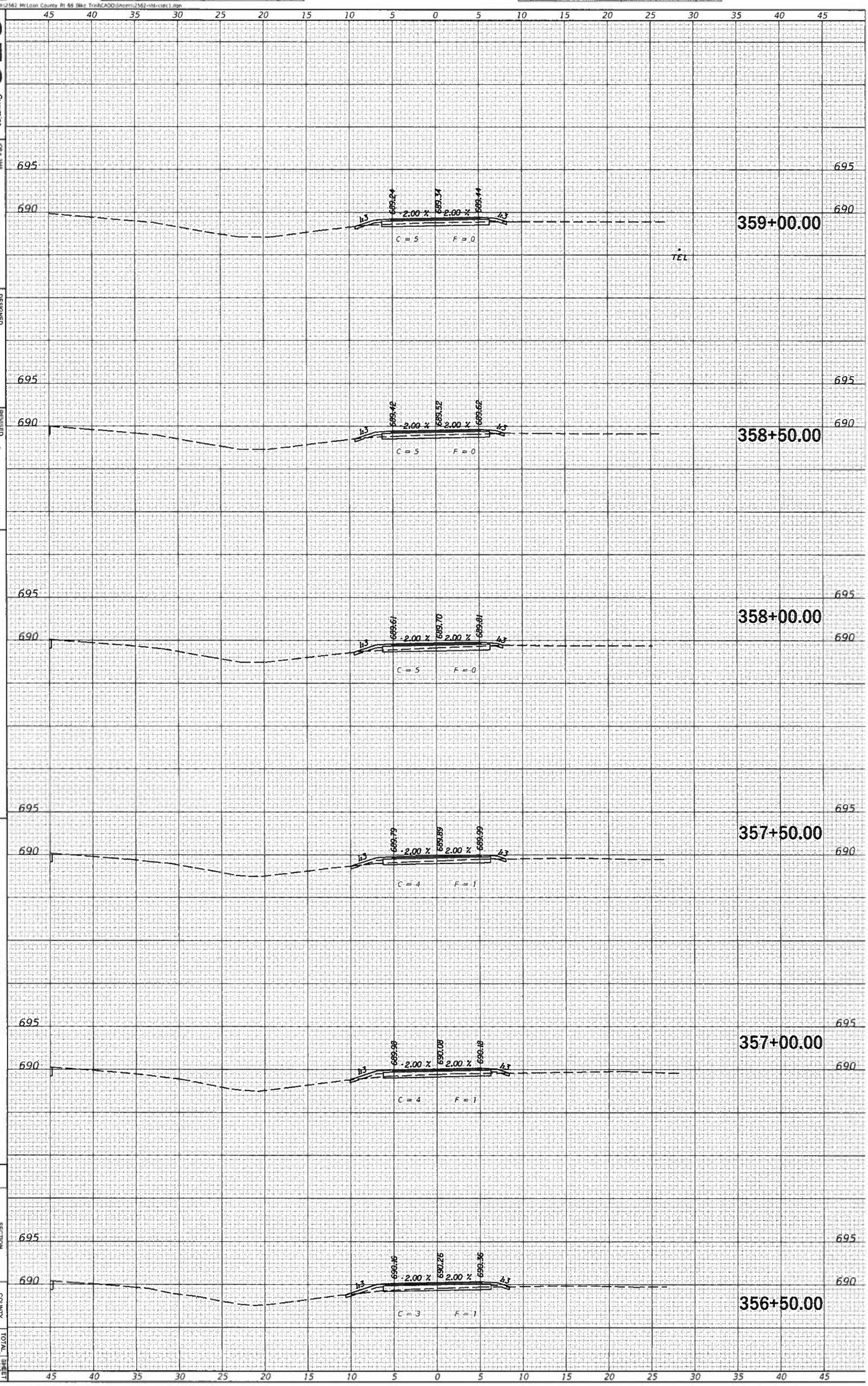
DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

SCALE:
SHEET OF SHEETS
STA. 356+50.00 TO STA. 359+00.00

**CROSS SECTIONS**

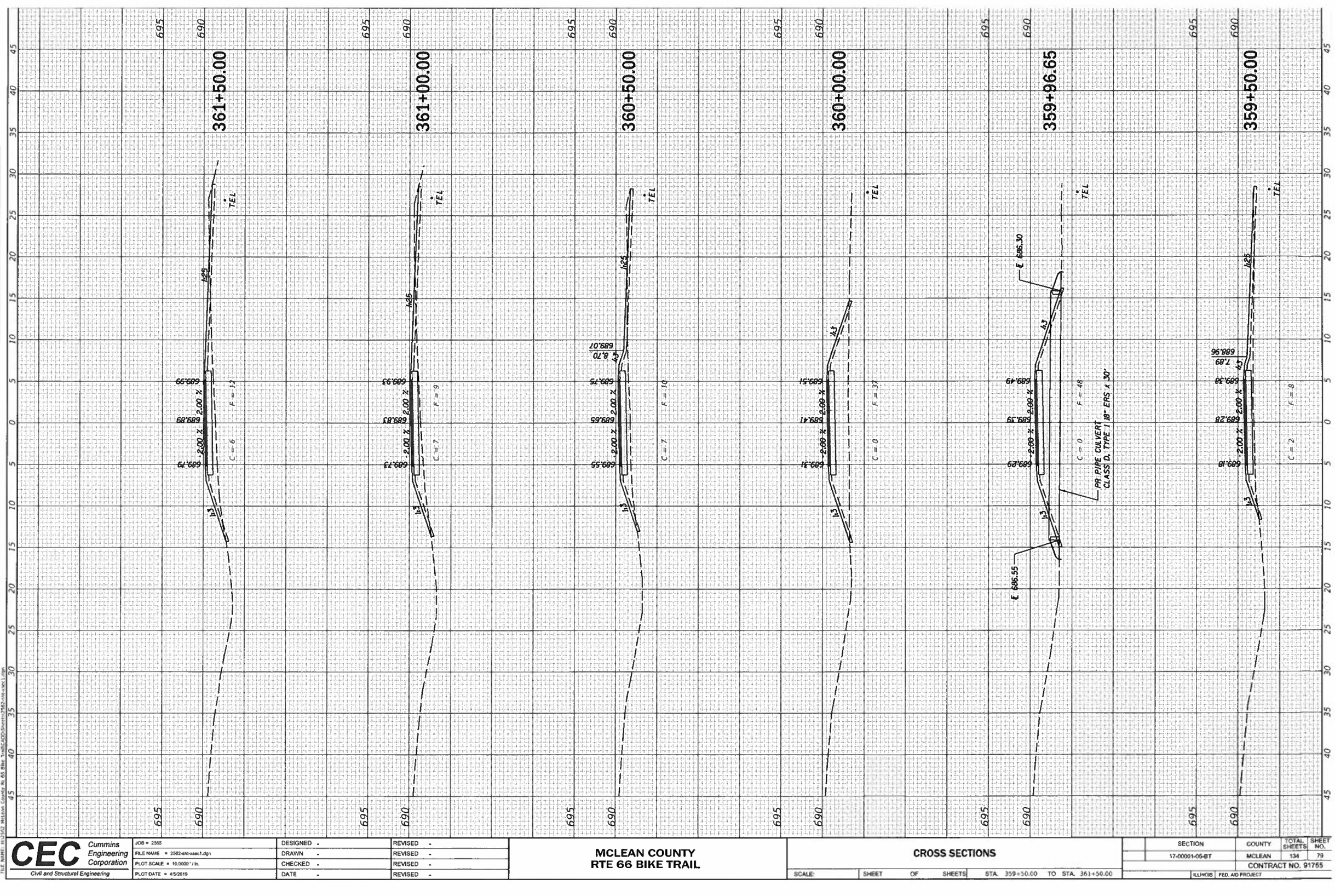



| ILLINOIS | FED. AID PROJECT |
|---|---|
| SECTION 17-00001-06-BT | |
| COUNTY MCLEAN | TOTAL SHEETS 134 |
| CONTRACT NO. 91755 | SHEET NO. 78 |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

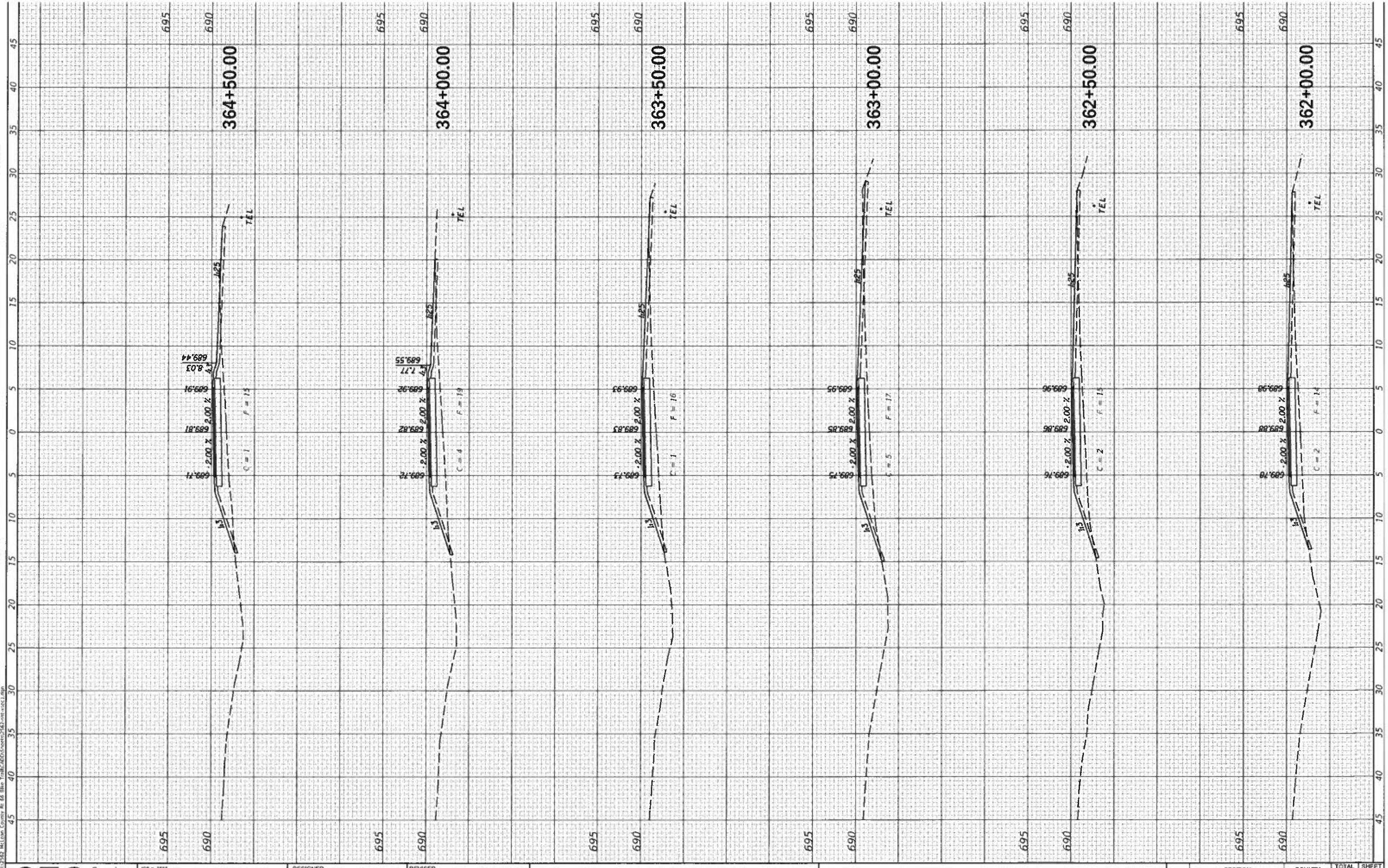
| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
TEE NAME: 1625x2 McLean County Rt. 66 Bike Trail\GDS\Sheets\2562-cross-sec1.dgn




| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | | | |
|---|---|---|---|
| JOB = 2565 | DESIGNED - | REVISED - | MCLEAN COUNTY<br>RTE 66 BIKE TRAIL |
| FILE NAME = 2562-alnt-xsec1.dgn | DRAWN - | REVISED - | CROSS SECTIONS |
| PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - | SCALE: SHEET OF SHEETS STA. 359+50.00 TO STA. 361+50.00 |
| PLOT DATE = 4/5/2019 | DATE - | REVISED - | |

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 79 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |




| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB # 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-xs-sect.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 362+00.00 TO STA. 364+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 80 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

ORIGINAL SURVEY — NOTE BOOK — HD. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

FINAL SURVEY — NOTE BOOK — HD. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

MODEL: Default
FILE NAME: c:\c3d\2562 McLean County Rt 66 Bike Trail\C3D\Sheets\2562-xs-sect.dgn

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SUBMITTED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| I.D. | AREAS CHECKED | | |




| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SUBMITTED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| I.D. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: H:\2562 McLean County IN 66 Bike Trail\Acad\Sheets\2562-xsheet1.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | | | |
|---|---|---|---|
| JOB = 2565 | DESIGNED - | REVISED - | |
| FILE NAME = 2562-xsheet1.dgn | DRAWN - | REVISED - | |
| PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - | |
| PLOT DATE = 4/5/2019 | DATE - | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 365+00.00 TO STA. 367+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 81 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| | SURVEYED | | |
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| | SURVEYED | | |
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: ##2562 McLean County Rt 65 Bike Trail\CADD\Sheets\2562-shts-xsect.dgn

CEC Civil and Structural Engineering
Cummins Engineering Corporation

JOB # 2562
FILE NAME = 2562-shts-xsect.dgn
PLOT SCALE = 10.0000 ' / IN.
PLOT DATE = 4/5/2019

DESIGNED -
DRAWN -
CHECKED -
DATE -

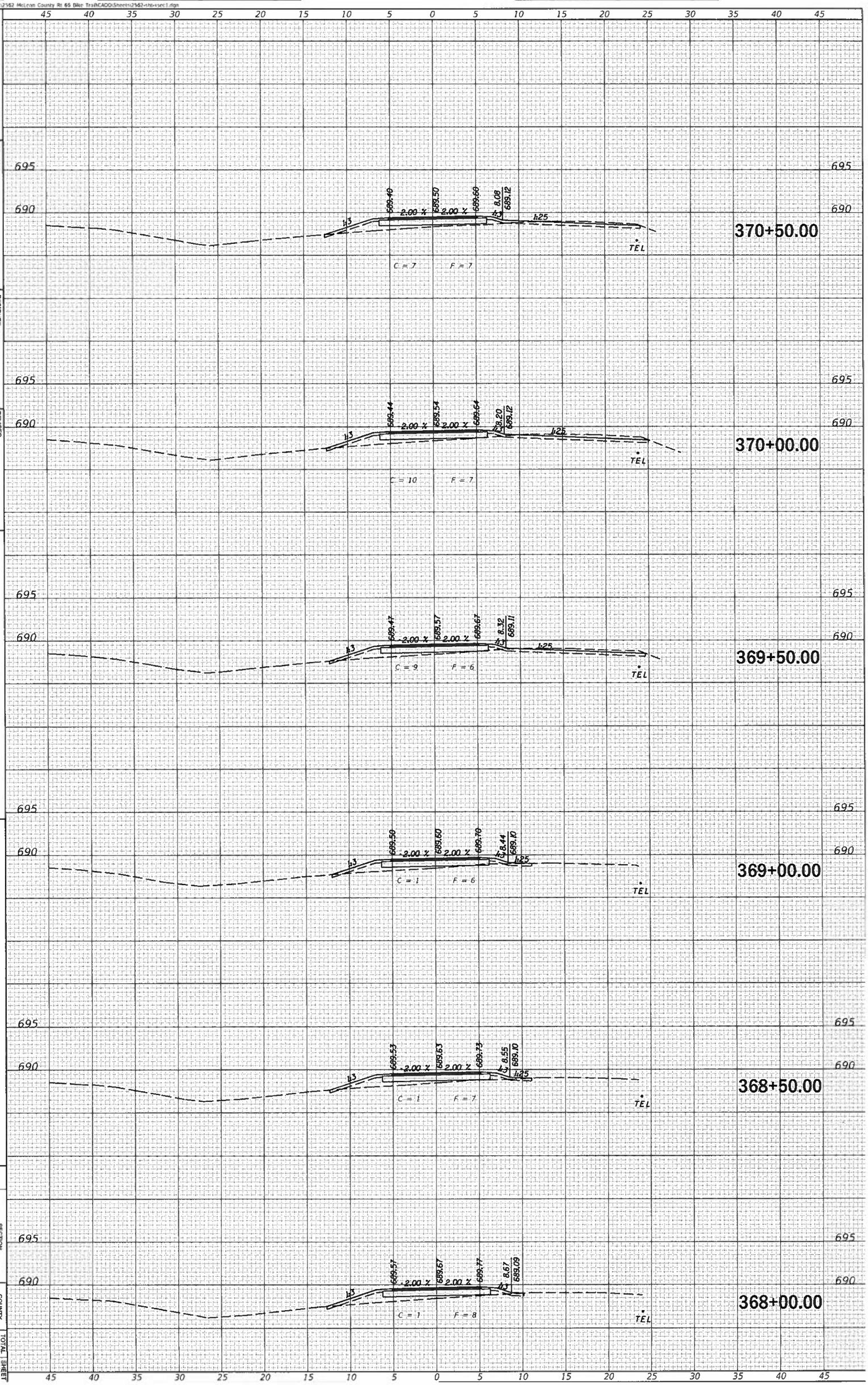
REVISED -
REVISED -
REVISED -

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

SCALE:

**CROSS SECTIONS**

SHEET OF SHEETS STA. 368+00.00 TO STA. 370+50.00




| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 12-00001-05-BT | MCLEAN | 134 | 82 |
| ILLINOIS FED. AID PROJECT | CONTRACT NO. 91755 | | |

| FINAL SURVEY | SUBMITTED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SUBMITTED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME = I:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-cts-sec1.dgn

373+00.00
372+72.00
372+50.00
372+00.00
371+50.00
371+00.00

TEL

C = 10 F = 5
C = 9 F = 6
C = 9 F = 7
C = 8 F = 10
C = 4 F = 9
C = 3 F = 8

689.24 689.34 689.44 689.99 7.99
689.26 689.36 689.46 688.82 8.55
689.27 689.37 689.47 688.71 8.93
689.30 689.40 689.50 688.46 9.78
689.34 689.44 689.54 688.81 8.83
689.37 689.47 689.57 689.13 7.97

2.00 %
4:1
H25
H2

695
690

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB # 2562 | DESIGNED - | REVISED - |
|---|---|---|---|
| | FILE NAME = 2562-cts-sec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 371+00.00 TO STA. 373+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 83 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: H:\2562 McLean County Rt. 66 Bike Trail\400\Sheets\2562-xsec1.dgn

375+50.00

PR PIPE CULVERT
CLASS O, TYPE 1 18" ERS

S.D.
687.82

689.87
689.97
689.81

E = 13
F = 17

375+00.00

E 684.10

PR PIPE CULVERT
CLASS O, TYPE 1 18" x 36"
W/ STD 542401 END SECTIONS

689.26
689.36
689.06

E = 26
F = 96

E 685.20

374+50.00

689.14
689.24
689.34
7.14
689.17

E = 12
F = 2

374+00.00

689.17
689.27
689.37
7.26
689.17

E = 17
F = 2

373+50.00

689.21
689.31
689.41
7.37
689.16

E = 12
F = 3

| CEC | Cummins Engineering Corporation | JOB = 2565 | DESIGNED - | REVISED - |
|---|---|---|---|---|
| Civil and Structural Engineering | | FILE NAME = 2562-xsec1.dgn | DRAWN - | REVISED - |
| | | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 373+50.00 TO STA. 375+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 84 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\Acad\Sheets\2562-Rte-Cad1.dgn

**377+50.00**

MATCH LINE

MATCH LINE

687.97 TEL

2.00 %

688.71

688.19

F = 21

PR. PIPE CULVERT CLASS D, TYPE 1 18" ERS

C = 24

**377+22.90**

MATCH LINE

MATCH LINE

687.92 TEL

2.00 %

688.66

688.56

F = 18

SIDE ROAD FOUND

0.22%

PR. PIPE CULVERT CLASS D, TYPE 1 18" ERS

C = 35

**377+00.00**

2.00 %

688.72

688.62

F = 14

S.D. 687.65

PR. PIPE CULVERT CLASS D, TYPE 1 18" ERS

C = 1

**376+50.00**

2.00 %

688.69

688.59

F = 16

S.D. 687.45

PR. PIPE CULVERT CLASS D, TYPE 1 18" ERS

C = 2

**376+35.73**

SPUR TRAIL

2.00 %

688.71

688.61

F = 17

PR. PIPE CULVERT CLASS D, TYPE 1 18" ERS

C = 0

**376+00.00**

2.00 %

688.82

688.72

F = 18

S.D. 687.25

PR. PIPE CULVERT CLASS D, TYPE 1 18" ERS

C = 4

1:3

695 690 685 680

0 5 10 15 20 25 30 35 40 45 50 55 60 65 90

| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2562 | DESIGNED - | REVISED - |
|---|---|---|---|
| | FILE NAME = 2562-sht-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 376+00.00 TO STA. 377+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 85 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SUBMITTED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SUBMITTED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: I:\2582 McLean County Rt 66 Bike Trail\CADD\Sheets\2582-sht-xsec1.dgn

**CEC** Cummins Engineering Corporation
Civil and Structural Engineering

| | | |
|---|---|---|
| JOB = 2585 | DESIGNED - | REVISED - |
| FILE NAME = 2582-sht-xsec1.dgn | DRAWN - | REVISED - |
| PLOT SCALE = 10.0000 ' / IN. | CHECKED - | REVISED - |
| PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 378+00.00 TO STA. 380+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 86 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

383+50.00 · 383+00.00 · 382+50.00 · 382+00.00 · 381+50.00 · 381+00.00

MODEL: Default
FILE NAME: c:\c3d\2562-McLean County Rt 66 Bike Trail\ADOS\Sheets\2562-sheet1.dgn

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB # 2562 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-sht-sec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 381+00.00 TO STA. 383+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 87 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME = C:\2562 McLean County Rt 66 Bike Trail\ROADWAY\2562-shtl-xsec1.dgn

385+50.00 — TEL — F = 9 — C = 1 — L3 — L25 — 8.51 — 689.22 — 689.84 — 689.74 — 689.64 — 2.00 %

385+00.00 — TEL — F = 10 — C = 1 — L3 — L25 — 8.78 — 689.12 — 689.83 — 689.73 — 689.63 — 2.00 %

384+50.00 — TEL — F = 39 — C = 0 — L3 — 689.77 — 689.67 — 689.57 — 2.00 %

384+41.38 — TEL — F = 76 — C = 1 — L3 — 689.76 — 689.66 — 689.56 — 2.00 %
℄ 685.40
PR PIPE CULVERT
CLASS D, TYPE 1, 18" x 34"
W/ STD 542401 END SECTIONS
℄ 686.10

384+00.00 — TEL — F = 2 — C = 7 — L3 — L25 — 8.85 — 688.93 — 689.67 — 689.57 — 689.47 — 8.00 %

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-shtl-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 384+00.00 TO STA. 385+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 88 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

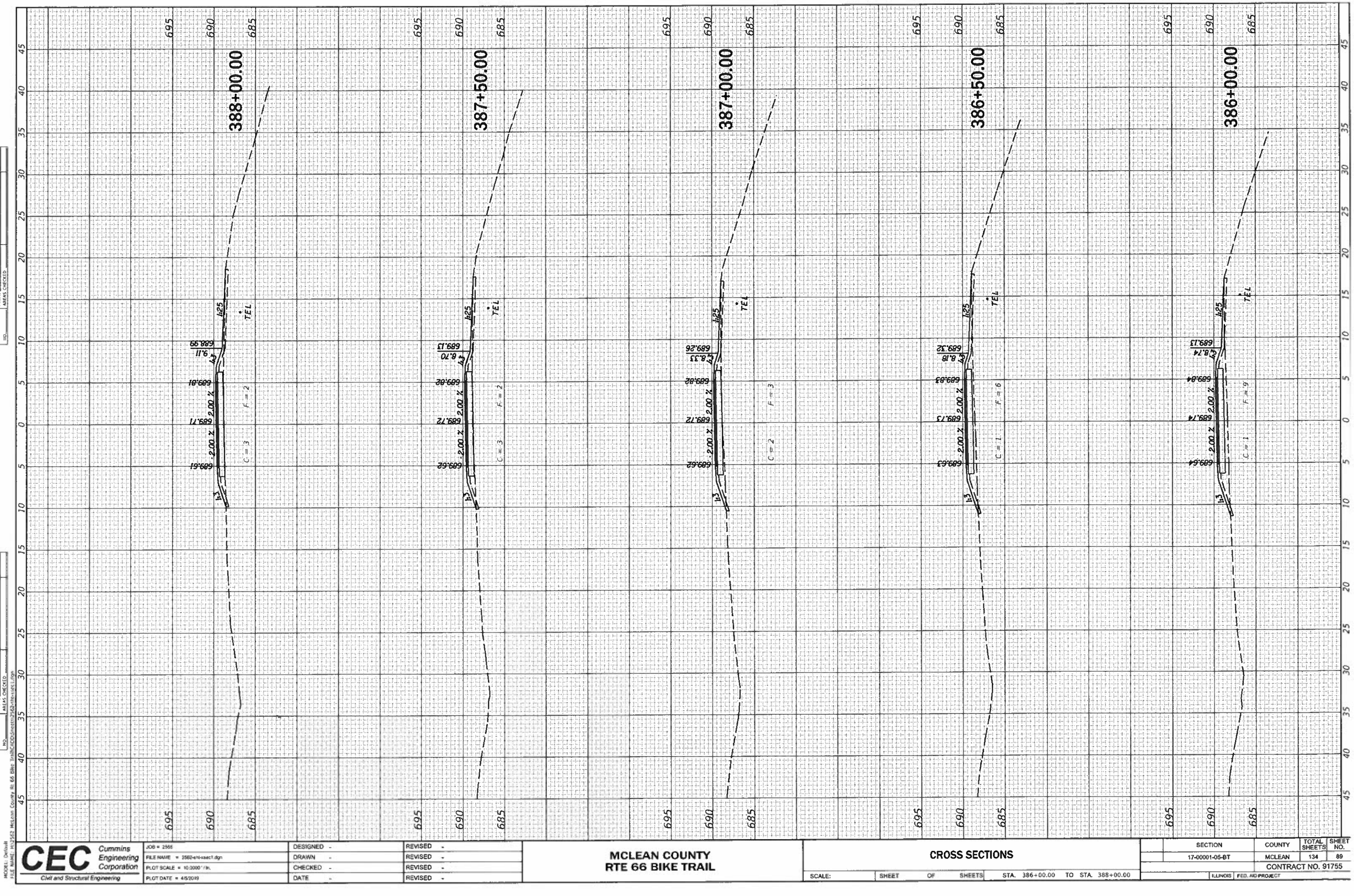
388+00.00

387+50.00

387+00.00

386+50.00

386+00.00




| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: I:\2562\Mclean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-xsect.dgn

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2562 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-sht-xsect.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 386+00.00 TO STA. 388+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 89 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

391+00.00

390+50.00

390+00.00

389+50.00

389+00.00

388+50.00

MODEL: Default
FILE NAME: H:\2562-McLean County Rt 66 Bike Trail\ADD\Sheets\2562-site-sect1.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | | | |
|---|---|---|---|
| | JOB # 2562 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-site-sect1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 388+50.00 TO STA. 390+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 90 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK: | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
File Name: H:\3562 McLean County Rt 66 Bike Trail\400\sheets\3562-chs-sect1.dgn

393+50.00 TEL
393+01.72 TEL
393+00.00 TEL
392+50.00 TEL
392+00.00 TEL
391+50.00 TEL

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 3585 | DESIGNED - | REVISED - |
| | FILE NAME = 3562-chs-sect1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 391+00.00 TO STA. 393+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 91 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

397+20.00 — PRIVATE AGGREGATE ENTRANCE — -9.00% — -6.00% — 688.60 — 688.40 — -6.00% — -12.37% — C = 6 — F = 4 — TEL

397+00.00 — 2.00 % — 688.50 — 688.45 — 688.35 — h3 — 688.43 — C = 12 — F = 0 — TEL

396+50.00 — 2.00 % — 688.51 — 688.41 — h3 — 688.49 — C = 14 — F = 0 — TEL

396+00.00 — h25 — 2.00 % — 688.67 — 688.57 — h3 — 688.77 — C = 27 — F = 0 — TEL

395+50.00 — h25 — 2.00 % — 688.84 — 688.74 — h3 — 688.94 — C = 15 — F = 1 — TEL

395+00.00 — h25 — 2.00 % — 689.00 — 688.90 — h3 — 689.10 — C = 7 — F = 7 — TEL

394+50.00 — h25 — 2.00 % — 689.16 — 689.06 — h3 — 689.26 — C = 3 — F = 11 — TEL

394+00.00 — h25 — 2.00 % — 689.32 — 689.22 — h3 — 689.42 — 7.54 — 689.13 — C = 3 — F = 23 — TEL

695 690 695 690 695 690 695 690 695 690 695 690 695 690 695 690

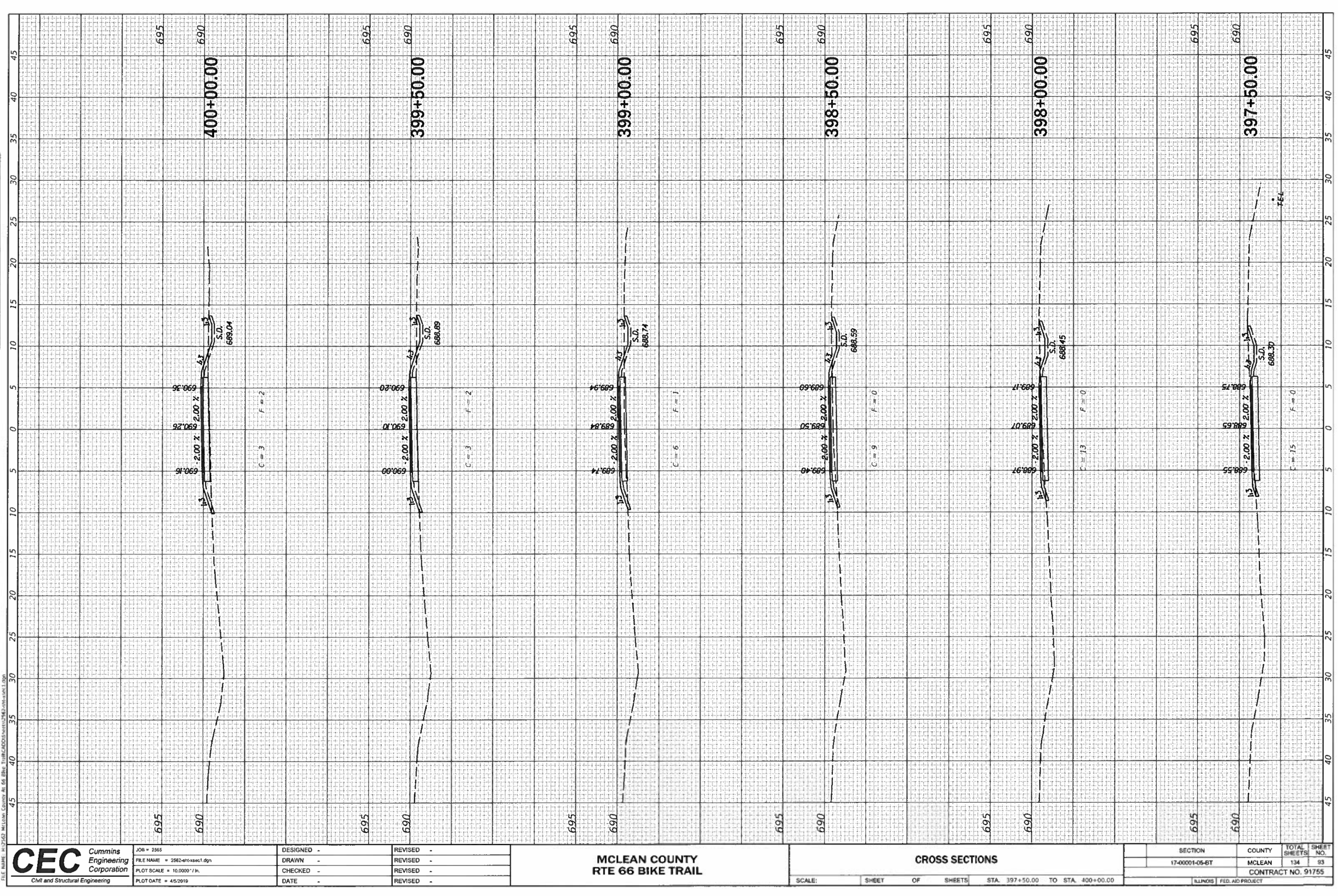
0 5 10 15 20 25 30 35 40 45

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\400\sheets\2562-shl-xsec1.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | | | |
|---|---|---|---|
| JOB = 2565 | DESIGNED - | REVISED - | MCLEAN COUNTY RTE 66 BIKE TRAIL |
| FILE NAME = 2562-shl-xsec1.dgn | DRAWN - | REVISED - | CROSS SECTIONS |
| PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - | SCALE: SHEET OF SHEETS STA. 394+00.00 TO STA. 397+20.00 |
| PLOT DATE = 4/5/2019 | DATE - | REVISED - | |

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 92 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |




| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: X:\2562 McLean County Rt 66 Bike Trail\CADD\sheets\562-sht-xsec1.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | | | |
|---|---|---|---|
| | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-sht-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 397+50.00 TO STA. 400+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 93 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: M:\2562 McLean County Rt 66 Bike Trail\CAD\Sheets\2562-ent-sect1.dgn

402+50.00

TEL

402+00.00

401+50.00

401+00.00

400+51.45

400+50.00

695
690
5
0
10
15
20
25
30
35
40
45
C = 9 F = 2
C = 6 F = 2
C = 3 F = 5
4:1
S.D.
689.77
689.63
689.48
689.33
689.19
690.85
690.75
690.65
690.66
690.56
690.46
690.56
690.46
690.36
690.47
690.37
690.27
690.46
690.36
690.26
2.00 %

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB # 2565 | DESIGNED - | REVISED - |
|---|---|---|---|
| | FILE NAME = 2562-ent-sect.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 400+50.00 TO STA. 402+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 94 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | IS-PLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | IS-PLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

405+50.00

405+00.00

404+50.00

404+00.00

403+50.00

403+00.00

MODEL: Default
FILE NAME: I:\2562 McLean County Rt 66 Bike Trail\ADD\Survey\2562-xsc-vpc1.dgn

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB # 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-xhi-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2010 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

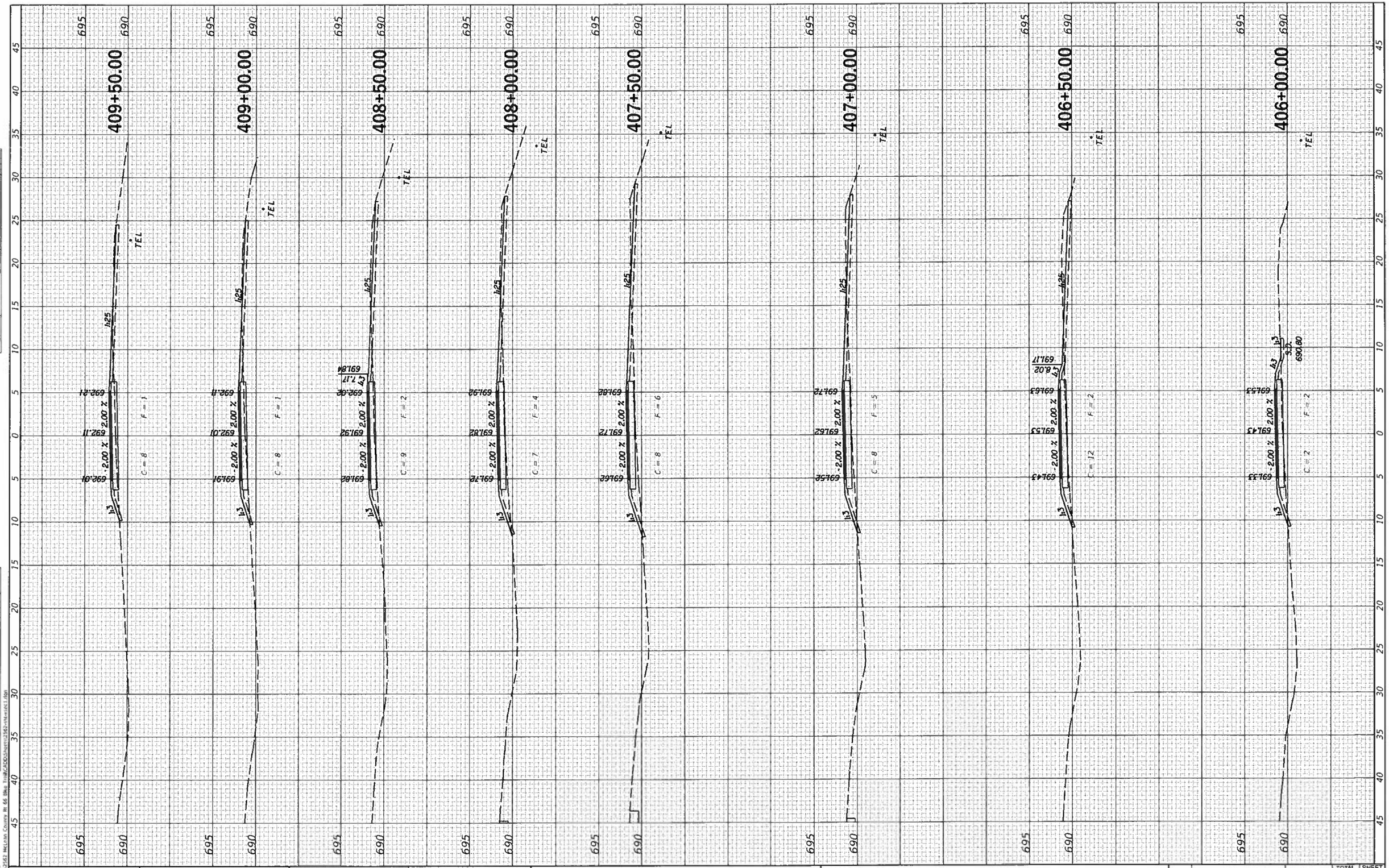
**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 403+00.00 TO STA. 405+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 95 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |




| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
|---|---|---|---|
| | FILE NAME = 2562-ehc-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 406+00.00 TO STA. 409+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 96 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

MODEL: Default
FILE NAME = C:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-ehc-xsec1.dgn

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS CHECKED | | |

412+50.00 — 412+00.00 — 411+86.44 — 411+50.00 — 411+00.00 — 410+50.00 — 410+00.00

PR. PIPE CULVERT CLASS D, TYPE 1 18" x 32" W/ STD 542401 END SECTIONS

℄ 688.95

℄ 689.0

MODEL: Default
FILE NAME: I:\2562 McLean County Rt 66 Bike Trail\ADS\Sheets\2562-sht-xsec1.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
|---|---|---|---|
| | FILE NAME = 2562-sht-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 410+00.00 TO STA. 412+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 97 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

415+50.00 415+00.00 414+50.00 414+00.00 413+50.00 413+00.00

EX ROW

S.D. 691.65 TEL

S.D. 691.50 TEL

S.D. 691.35 TEL

S.D. 691.20 TEL

S.D. 691.05 TEL

S.D. 690.90 TEL

692.81 692.71 692.68 692.58 692.64 692.54 692.51 692.47 692.54 692.44

2.00 % 4:3

C = 3 C = 2 C = 3 C = 6 C = 7 C = 6

F = 1 F = 2 F = 1 F = 1 F = 3 F = 6

700 695 690

0 5 10 15 20 25 30 35 40 45

MODEL: Default
FILE NAME: H:\2565 McLean County Rt 66 Bike Trail\C3d\Sheets\2562-rte-xsec1.dgn

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB # 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-rte-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

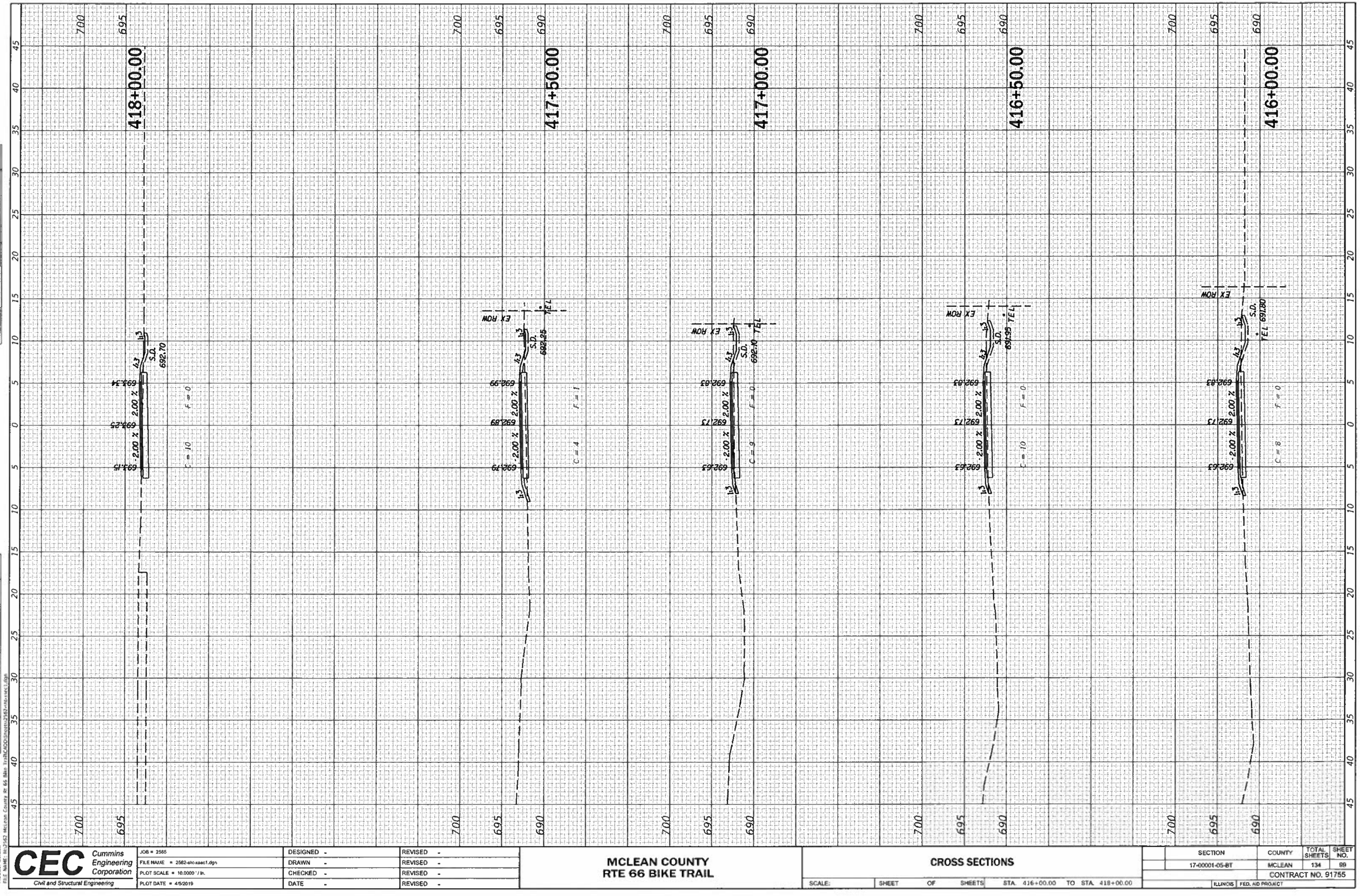
**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 413+00.00 TO STA. 415+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 98 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS CHECKED | | |




| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CAD\Sheets\2562-xsec1.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
|---|---|---|---|
| | FILE NAME = 2562-ehl-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 416+00.00 TO STA. 418+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 99 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |

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

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

423+00.00

422+50.00

422+00.00

421+50.00

OLD US RTE 66 OMISSION
STA. 418+07.50 BK TO 420+96.67 AH

EX ROW

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CAD\Subsets\2562-hlx-sset1.dgn

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-ehl-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 421+50.00 TO STA. 423+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 100 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

425+00.00

424+50.00

424+00.00

423+50.00

423+16.50

693.90 2.00 % 693.80 693.81 2.00 % 693.71 693.72 2.00 % 693.62 693.59 2.00 % 693.49 693.50 2.00 % 693.40

4.00% 4.00% 4.00% 4.00% 4.00%

C = 6 C = 5 C = 4 C = 4 C = 5

F = 8 F = 9 F = 9 F = 11 F = 28

1:3 1:3 1:3 1:3 1:3

EX ROW EX ROW EX ROW EX ROW EX ROW

EX 4'x3' BOX CULVERT

PR. BOX CULVERT END SECTION CULVERT No. 1

PR. PRECAST CONC. BOX CULVERT 4'x3'x6'

PR. CONCRETE COLLAR

700 695 690 685

0 5 10 15 20 25 30 35 40 45

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-xhcsec1.dgn

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB # 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-xhc-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

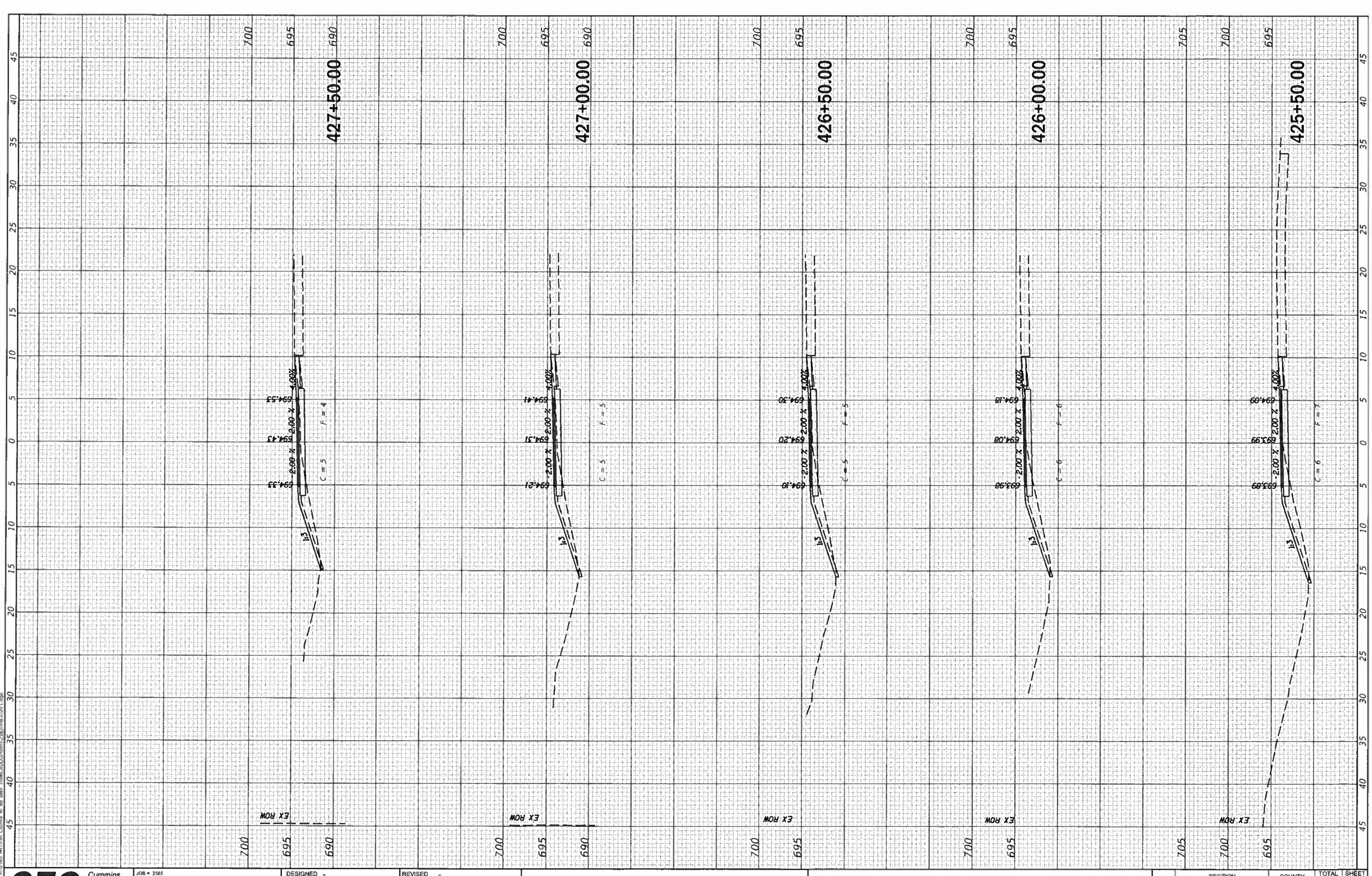
**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 423+16.50 TO STA. 425+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 101 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | | BY | DATE |
|---|---|---|---|
| NOTE BOOK | SURVEYED | | |
| | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |




MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-xsec1.dgn

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

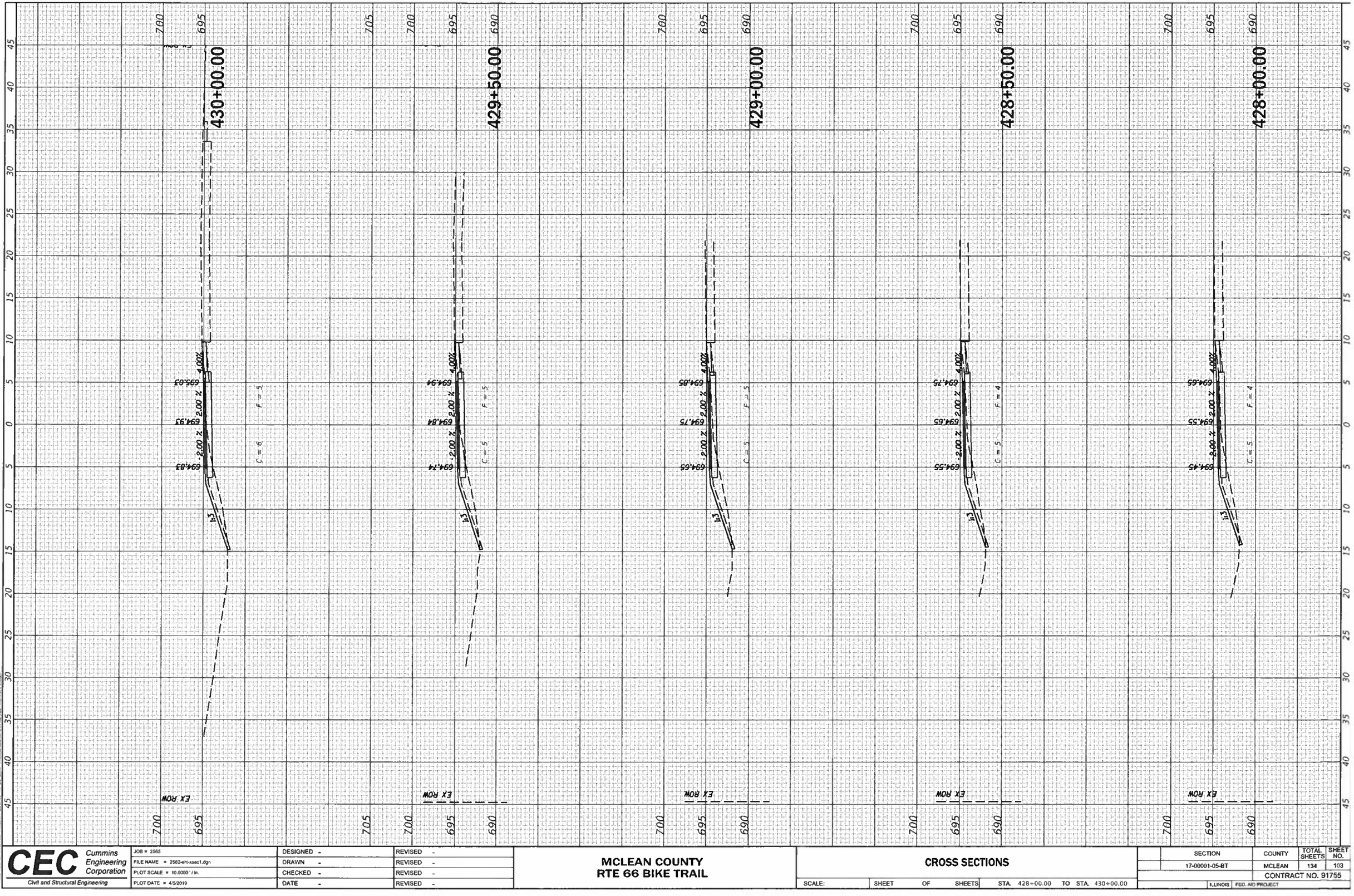
**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 425+50.00 TO STA. 427+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 102 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |




| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\ADOS\sheets\2562-xsec1.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | | | |
|---|---|---|---|
| JOB = 2565 | DESIGNED - | REVISED - | |
| FILE NAME = 2562-ert-xsec1.dgn | DRAWN - | REVISED - | |
| PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - | |
| PLOT DATE = 4/5/2019 | DATE - | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

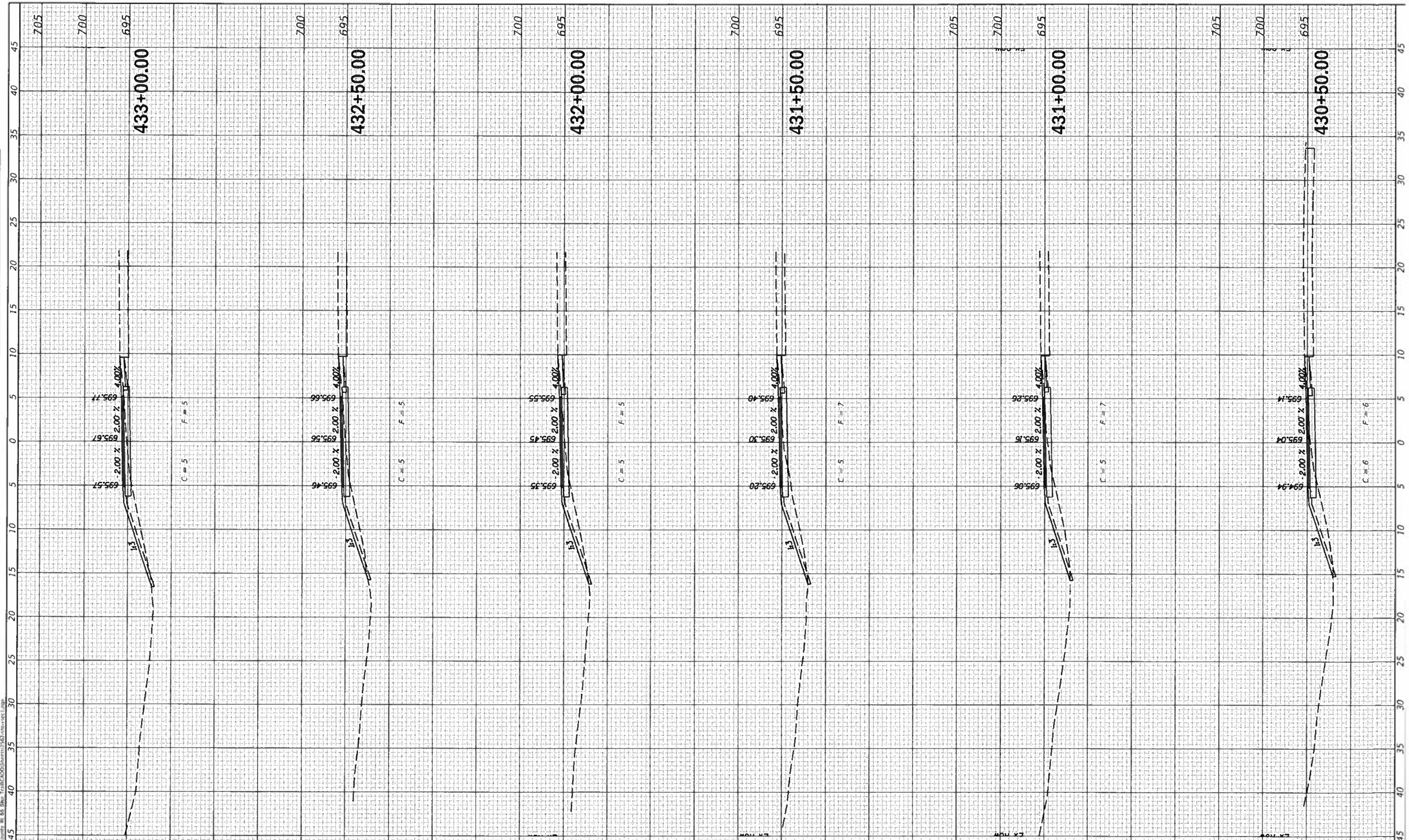
**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 428+00.00 TO STA. 430+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 103 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |




MODEL: Default
FILE NAME: c:\projects\2562 mclean county rte 66 bike trail\cadd\sheets\2562-rte-xsec1.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | | | |
|---|---|---|---|
| | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-rte-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 430+50.00 TO STA. 433+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-08-BT | MCLEAN | 134 | 104 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

436+00.00

435+50.00

435+00.00

434+50.00

434+00.00

433+50.00

700

695

696.13 2.00 % 696.33 4.00%

696.94 2.00 % 696.14 2.00 % 696.24 4.00%

695.95 2.00 % 696.05 2.00 % 696.15 4.00%

695.85 2.00 % 695.95 2.00 % 696.05 4.00%

695.75 2.00 % 695.85 2.00 % 695.95 4.00%

695.66 2.00 % 695.76 2.00 % 695.86 4.00%

C = 4 F = 8

C = 5 F = 5

C = 5 F = 4

C = 6 F = 3

C = 6 F = 3

C = 5 F = 4

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: N:\2562 McLean County Rt 66 Bike Trail\ADOT\Survey\2562-ent-xsec1.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
|---|---|---|---|
| | FILE NAME = 2562-ent-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 433+50.00 TO STA. 436+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 105 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

438+50.00 | 438+00.00 | 437+50.00 | 437+00.00 | 436+76.50 | 436+50.00

696.85 2.00 % 4.00% 696.75 2.00 % 696.65 1:3 F = 4 C = 6

696.74 2.00 % 4.00% 696.64 2.00 % 696.54 1:3 F = 4 C = 7

696.64 2.00 % 4.00% 696.54 2.00 % 696.44 1:3 F = 9 C = 5

696.54 2.00 % 4.00% 696.44 2.00 % 696.34 1:3 F = 16 C = 3

696.49 2.00 % 696.39 2.00 % 696.29 1:3 EX DBL 7' x 4' BOX CULVERT

696.44 2.00 % 4.00% 696.34 2.00 % 696.24 1:3 F = 16 C = 3

PR CHAIN LINK FENCE 6' ATTACHED TO STRUCTURE

PR BOX CULVERT EXTENSION

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: c:\c3d\2562 McLean County Rt 66 Bike Trail\Jobs\sheets\562-cross-sect.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | | | |
|---|---|---|---|
| JOB = 2565 | DESIGNED - | REVISED - | |
| FILE NAME = 2562-aht-xsec1.dgn | DRAWN - | REVISED - | |
| PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - | |
| PLOT DATE = 4/5/2019 | DATE - | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 436+50.00 TO STA. 438+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 106 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS | FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

441+00.00

440+50.00

440+00.00

439+50.00

439+00.00

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: c:\c3d\2562 McLean County Rt 66 Bike Trail\ADOT\sheets\2562-shc-sec1.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | | | |
|---|---|---|---|
| JOB # 2565 | DESIGNED - | REVISED - | MCLEAN COUNTY RTE 66 BIKE TRAIL |
| FILE NAME = 2562-shc-sec1.dgn | DRAWN - | REVISED - | CROSS SECTIONS |
| PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - | SCALE: SHEET OF SHEETS STA. 439+00.00 TO STA. 441+00.00 |
| PLOT DATE = 4/5/2019 | DATE - | REVISED - | |

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 107 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

443+50.00

443+00.00

442+50.00

442+00.00

441+50.00

697.97 4.00% 2.00 % 697.87 697.77 697.76 697.66 697.56 697.52 697.47 697.37 697.36 697.26

F = 9 F = 8 C = 4 h3

705 700 695

0 5 10 15 20 25 30 35 40 45

MODEL: Default
FILE NAME: c:\2562 McLean County Rt 66 Bike Trail\CAD\Sheets\1562-cts-xsec1.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | | | |
|---|---|---|---|
| | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-cts-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 441+50.00 TO STA. 443+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 108 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: I:\2582 McLean County Rt. 66 Bike Trail\ROW\Sheets\2582-sht-xsec1.dgn

**446+00.00**

**445+50.00**

**445+00.00**

**444+50.00**

**444+00.00**

Ex ROW

Ex ROW

Ex ROW

Ex ROW

Ex ROW

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2582-sht-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 444+00.00 TO STA. 446+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 109 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SUBMITTED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

448+50.00

448+00.00

447+50.00

447+00.00

446+50.00

| ORIGINAL SURVEY | SUBMITTED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: H:\2562 Mclean County Rt 66 Bike Trail\ADD\Sheets\2562-xsec1.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
|---|---|---|---|
| | FILE NAME = 2562-xsc-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 446+50.00 TO STA. 448+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 110 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS | FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: M:\2582 McLean County Rte 66 Bike Trail\Cadd\sheets\2582-sht-sect1.dgn

451+00.00

450+50.00

450+00.00

449+50.00

449+00.00

705
700
695

EX ROW

1:3

699.36 — 2.00% — 699.26 — 2.00% — 699.16 — 4.00% — C = 10 — F = 1

699.25 — 2.00% — 699.15 — 2.00% — 699.05 — 4.00% — C = 9 — F = 2

699.14 — 2.00% — 699.04 — 2.00% — 698.94 — 4.00% — C = 9 — F = 2

699.06 — 2.00% — 698.96 — 2.00% — 698.86 — 4.00% — C = 7 — F = 4

698.99 — 2.00% — 698.89 — 2.00% — 698.79 — 4.00% — C = 6 — F = 7

| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2585 | DESIGNED - | REVISED - |
|---|---|---|---|
| | FILE NAME = 2582-sht-xsect1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 449+00.00 TO STA. 451+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 111 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: M:\2562 McLean County Rt. 66 Bike Trail\ADD\Sheets\2562-ehc-xsec1.dgn

**454+00.00**

700.44 — 2.00 % — 700.54 — 4.00% — 700.64
C = 8 F = 3
699.91 — 2.00 % — 700.01 — 4.00% — 700.11
C = 9 F = 1
699.69 — 2.00 % — 699.79 — 4.00% — 699.89
C = 8 F = 2
699.47 — 2.00 % — 699.57 — 4.00% — 699.67
C = 8 F = 1
699.36 — 2.00 % — 699.42 — 4.00% — 699.56
C = 9 F = 1
1:3
EX ROW

**453+50.00**

700.17 — 2.00 % — 700.27 — 4.00% — 700.37
C = 8 F = 2
699.91 — 2.00 % — 700.01 — 4.00% — 700.11
C = 9 F = 1
699.69 — 2.00 % — 699.79 — 4.00% — 699.89
C = 8 F = 2
699.47 — 2.00 % — 699.57 — 4.00% — 699.67
C = 8 F = 1
699.36 — 2.00 % — 699.42 — 4.00% — 699.56
C = 9 F = 1
1:3
EX ROW

**453+00.00**

699.91 — 2.00 % — 700.01 — 4.00% — 700.11
C = 9 F = 1
699.69 — 2.00 % — 699.79 — 4.00% — 699.89
C = 8 F = 2
699.47 — 2.00 % — 699.57 — 4.00% — 699.67
C = 8 F = 1
699.36 — 2.00 % — 699.42 — 4.00% — 699.56
C = 9 F = 1
1:3
EX ROW

**452+50.00**

699.69 — 2.00 % — 699.79 — 4.00% — 699.89
C = 8 F = 2
699.47 — 2.00 % — 699.57 — 4.00% — 699.67
C = 8 F = 1
699.36 — 2.00 % — 699.42 — 4.00% — 699.56
C = 9 F = 1
1:3
EX ROW

**452+00.00**

699.47 — 2.00 % — 699.57 — 4.00% — 699.67
C = 8 F = 1
699.36 — 2.00 % — 699.42 — 4.00% — 699.56
C = 9 F = 1
1:3
EX ROW

**451+50.00**

699.36 — 2.00 % — 699.42 — 4.00% — 699.56
C = 9 F = 1
1:3
EX ROW

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-ehc-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 451+50.00 TO STA. 454+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 112 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | DATE |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | DATE |

MODEL: Default
FILE NAME: J:\2562 McLean County Rt 66 Bike Trail\ADD\Sheets\2562-sht-xsec1.dgn

**457+00.00**

C = 5 F = 11 — 102.54 — 4.00% — 2.00 % — 102.34 — 2.00 % — 102.14 — EX ROW

**456+50.00**

C = 4 F = 11 — 102.01 — 4.00% — 2.00 % — 101.81 — 2.00 % — 101.77 — EX ROW

**456+00.00**

C = 4 F = 11 — 101.67 — 4.00% — 2.00 % — 101.47 — 2.00 % — 101.43 — EX ROW

**455+50.00**

C = 5 F = 6 — 101.33 — 4.00% — 2.00 % — 101.13 — 2.00 % — 101.10 — EX ROW

**455+00.00**

C = 7 F = 3 — 101.00 — 4.00% — 2.00 % — 100.80 — 2.00 % — 100.82 — EX ROW

**454+50.00**

C = 7 F = 3 — 100.78 — 4.00% — 2.00 % — 100.58 — 2.00 % — 100.62 — EX ROW

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-sht-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 454+50.00 TO STA. 457+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 113 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-ekesec1.dgn

459+50.00

459+00.00

458+50.00

458+00.00

457+50.00

EX ROW

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-ekesec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 457+50.00 TO STA. 459+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 114 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | H'MPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | H'MPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

462+00.00

461+50.00

461+00.00

460+50.00

460+00.00

EX ROW

C = 5

F = 12

2.00 % 2.00 % 4.00%

705.77 705.87 705.97

705.40 705.50 705.60

705.03 705.13 705.23

704.71 704.81 704.91

704.40 704.50 704.60

1:3

1:3

1:3

1:3

1:3

710 705 700

MODEL: DeSkiff
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\ADD\sheets\2562-sht-xsec1.dgn

**CEC** Cummins Engineering Corporation
Civil and Structural Engineering

| | | |
|---|---|---|
| JOB = 2565 | DESIGNED - | REVISED - |
| FILE NAME = 2562-sht-xsec1.dgn | DRAWN - | REVISED - |
| PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: SHEET OF SHEETS STA. 460+00.00 TO STA. 462+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 115 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL | SURVEYED | BY | |
|---|---|---|---|
| SURVEY | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL | SURVEYED | BY | |
|---|---|---|---|
| SURVEY | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME = I:\2562 McLean County Rt 66 Bike Trail\ADOS\sheets\2562-sht-xsec1.dgn

**464+50.00**

**464+00.00**

**463+50.00**

**463+00.00**

**462+50.00**

EX ROW — 715 — 710 — 705 — 700

2.00 % — 4.00% — 107.71 — 107.61 — 107.38 — 107.28 — 107.02 — 106.92 — 106.67 — 106.57 — 106.32 — 106.22

F = 1.5 — C = .5 — F = 1.6 — C = .4 — F = 1.6 — C = .4 — F = 1.6 — C = .4 — F = 1.4 — C = .4

h3 — h4

| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | | | |
|---|---|---|---|
| JOB = 2565 | DESIGNED - | REVISED - | |
| FILE NAME = 2562-sht-xsec1.dgn | DRAWN - | REVISED - | |
| PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - | |
| PLOT DATE = 4/5/2019 | DATE - | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 462+50.00 TO STA. 464+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 116 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

467+00.00

466+50.00

466+00.00

465+50.00

465+00.00

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\Roadway\Sheets\2562-shr-xsec1.dgn

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-shr-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 465+00.00 TO STA. 467+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 117 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| NO. | AREAS | | |
| | AREAS CHECKED | | |

469+50.00

469+00.00

468+50.00

468+00.00

467+50.00

EX. ROW

C = 6 F = 9

C = 6 F = 10

C = 6 F = 10

C = 6 F = 10

C = 6 F = 9

2.00 %

4.00%

711.25 711.15 711.05 710.86 710.76 710.66 710.51 710.41 710.31 710.15 710.05 709.95 709.82 709.72 709.62

MODEL: Default
FILE NAME: N:\2562 McLean County Rte 66 Bike Trail\PLOTS\Sheets\2562-cnst-xsec1.dgn

CEC Cummins Engineering Corporation
Civil and Structural Engineering

| | | |
|---|---|---|
| JOB = 2565 | DESIGNED - | REVISED - |
| FILE NAME = 2562-cnt-xsec1.dgn | DRAWN - | REVISED - |
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| PLOT DATE = 4/5/2019 | DATE - | REVISED - |

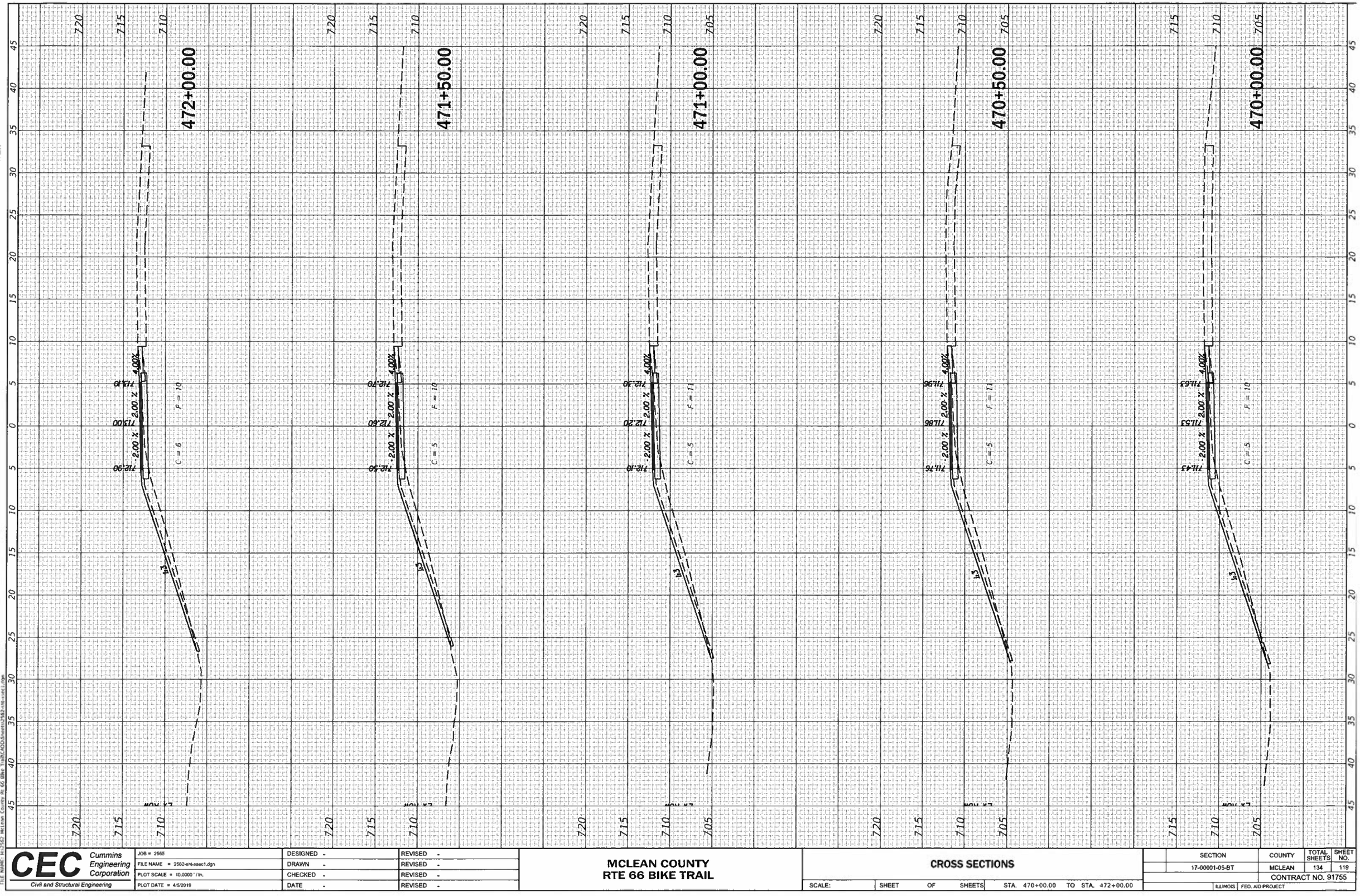
**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 467+50.00 TO STA. 469+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 118 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |




| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
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| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
|---|---|---|---|
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| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

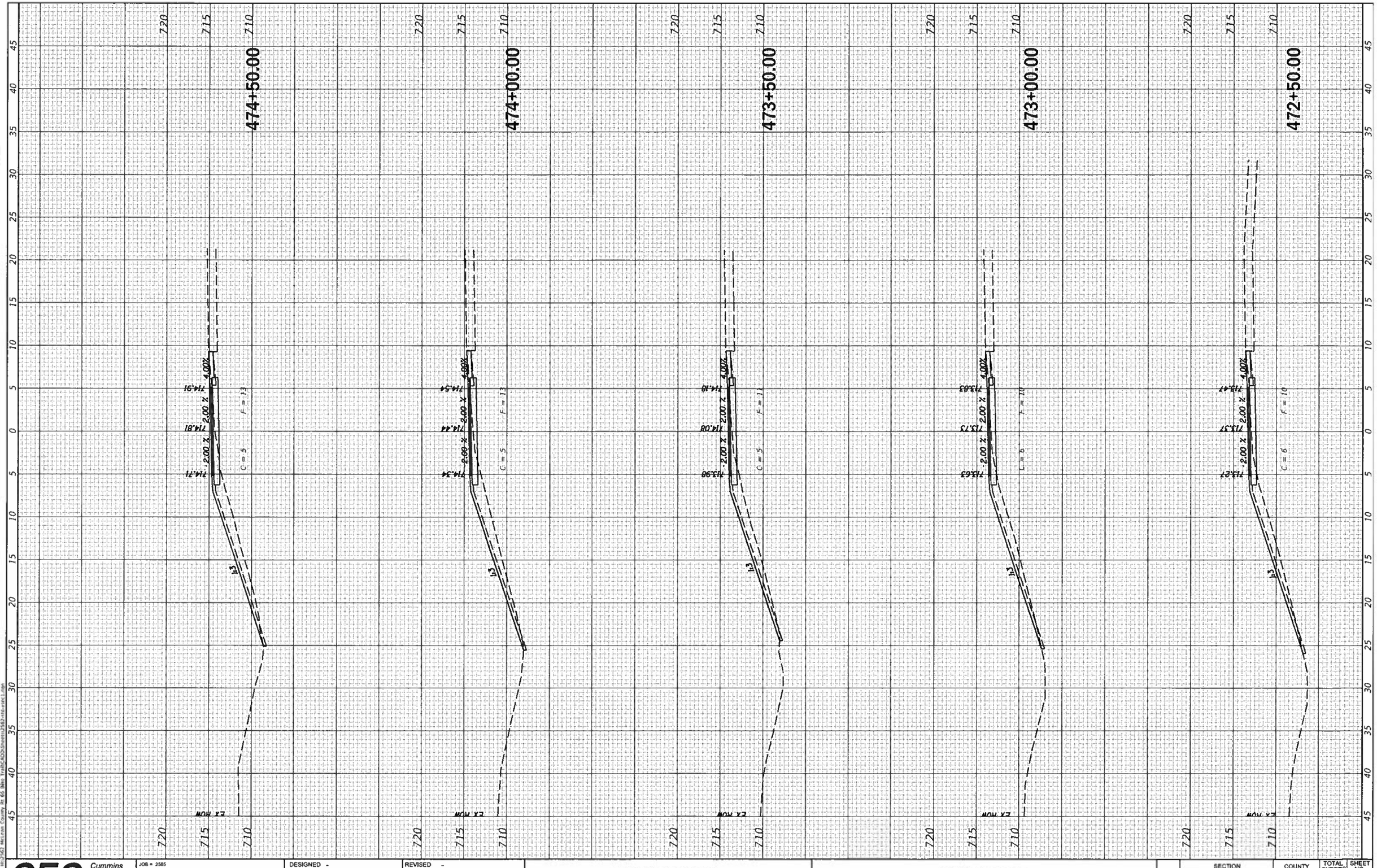
**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 470+00.00 TO STA. 472+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 119 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | DATE |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | DATE |
| | AREAS | | |
| NO. | AREAS CHECKED | | |




MODEL: Default
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| CEC Cummins Engineering Corporation — Civil and Structural Engineering | | | |
|---|---|---|---|
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| PLOT SCALE = 10.0000 ' / in. | CHECKED - | REVISED - | |
| PLOT DATE = 4/5/2019 | DATE - | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 472+50.00 TO STA. 474+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 120 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | DRAWN | | |
| NOTE BOOK | TEMPLATE | | DATE |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | DRAWN | | |
| NOTE BOOK | TEMPLATE | | DATE |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: P:\2562 McLean County Rt 66 Bike Trail\Acad\Sheets\562-sht-xsec1.dgn

477+00.00 — F = 5 — C = 8 — 16.56 — 16.46 — 2.00 % — 4.00%

476+50.00 — F = 6 — C = 7 — 16.30 — 16.20 — 2.00 % — 4.00%

476+00.00 — F = 7 — C = 7 — 15.94 — 15.84 — 2.00 % — 4.00%

475+50.00 — F = 7 — C = 6 — 15.60 — 15.50 — 2.00 % — 4.00%

475+00.00 — F = 13 — C = 5 — 15.27 — 15.17 — 2.00 % — 4.00%

EX ROW

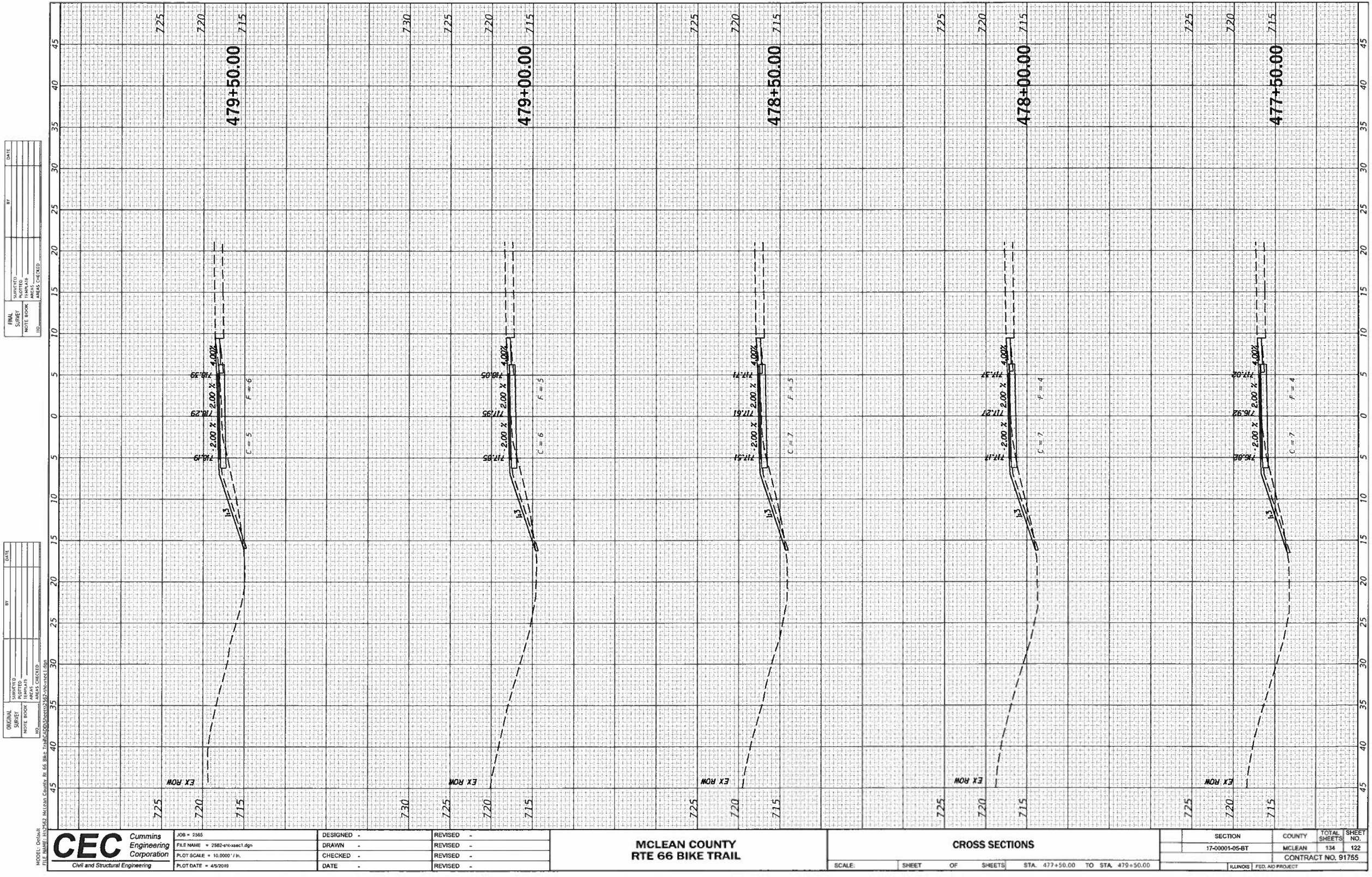
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
|---|---|---|---|
| | FILE NAME = 2562-sht-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 475+00.00 TO STA. 477+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 121 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |




| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: J:\2562 McLean County Rt 66 Bike Trail\Cad\Sheets\2562-sht-xsec1.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | | | |
|---|---|---|---|
| | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-sht-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

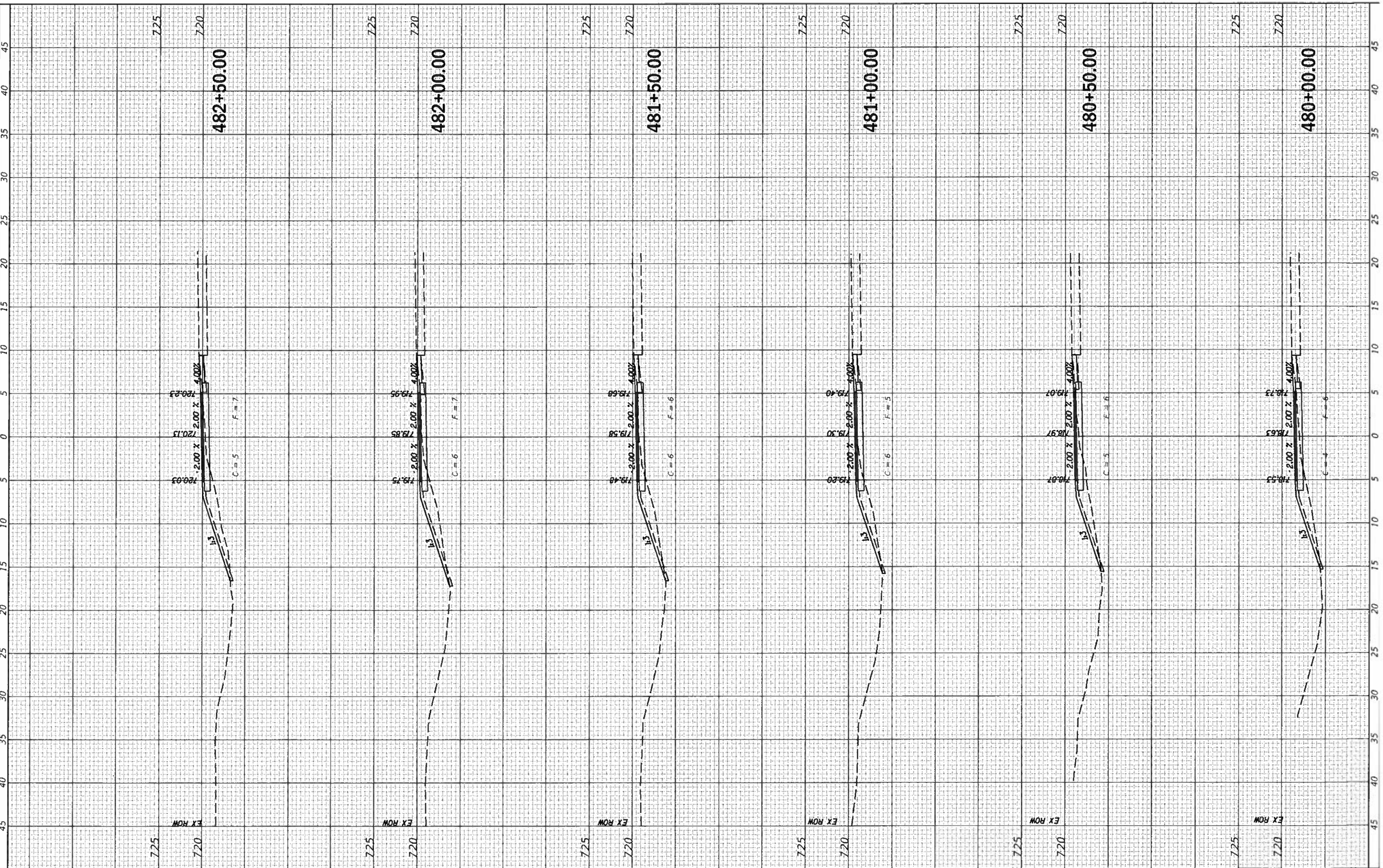
**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 477+50.00 TO STA. 479+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 122 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |




| CEC Cummins Engineering Corporation — Civil and Structural Engineering | | | |
|---|---|---|---|
| JOB = 2565 | DESIGNED - | REVISED - | |
| FILE NAME = 2562-eht-xsec1.dgn | DRAWN - | REVISED - | |
| PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - | |
| PLOT DATE = 4/5/2019 | DATE - | REVISED - | |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 480+00.00 TO STA. 482+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 123 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

MODEL: Default
FILE NAME: M:\2562 McLean County Rt 66 Bike Trail\ROADWAY\2562-eht-xsec1.dgn

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: N:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2565sht-sec1.dgn

**486+00.00**

**485+00.00**

**484+50.00**

**484+00.00**

**483+50.00**

**483+00.00**

E 750N OMISSION
STA 484+99.34 TO STA 485+73.06

| | | | |
|---|---|---|---|
| 721.59 | 721.69 | 721.79 | |
| 721.25 | 721.40 | 721.55 | |
| 720.99 | 721.09 | 721.19 | |
| 720.76 | 720.86 | 720.96 | |
| 720.54 | 720.64 | 720.74 | |
| 720.31 | 720.41 | 720.51 | |

2.00 %
4.00%
1:3
C = 6
F = 4
C = 7
F = 1
C = 5
F = 6
C = 5
F = 8
C = 6
F = 9
EX ROW
730
725
720

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
|---|---|---|---|
| | FILE NAME = 2562-sht-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 483+00.00 TO STA. 486+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 124 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS | FED. AID PROJECT | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

**488+50.00**

C = 5 F = 14 4.00% 2.00 % 2.00 % 4.00% 722.56 722.46 722.26 EX ROW

**488+00.00**

C = 4 F = 16 4.00% 2.00 % 2.00 % 4.00% 722.43 722.33 722.23 EX ROW

**487+50.00**

C = 5 F = 13 4.00% 2.00 % 2.00 % 4.00% 722.29 722.19 722.09 EX ROW

**487+00.00**

C = 5 F = 14 4.00% 2.00 % 2.00 % 4.00% 722.14 722.04 721.94 EX ROW

**486+50.00**

C = 5 F = 9 4.00% 2.00 % 2.00 % 4.00% 721.97 721.87 721.77 EX ROW

730 725 720 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45

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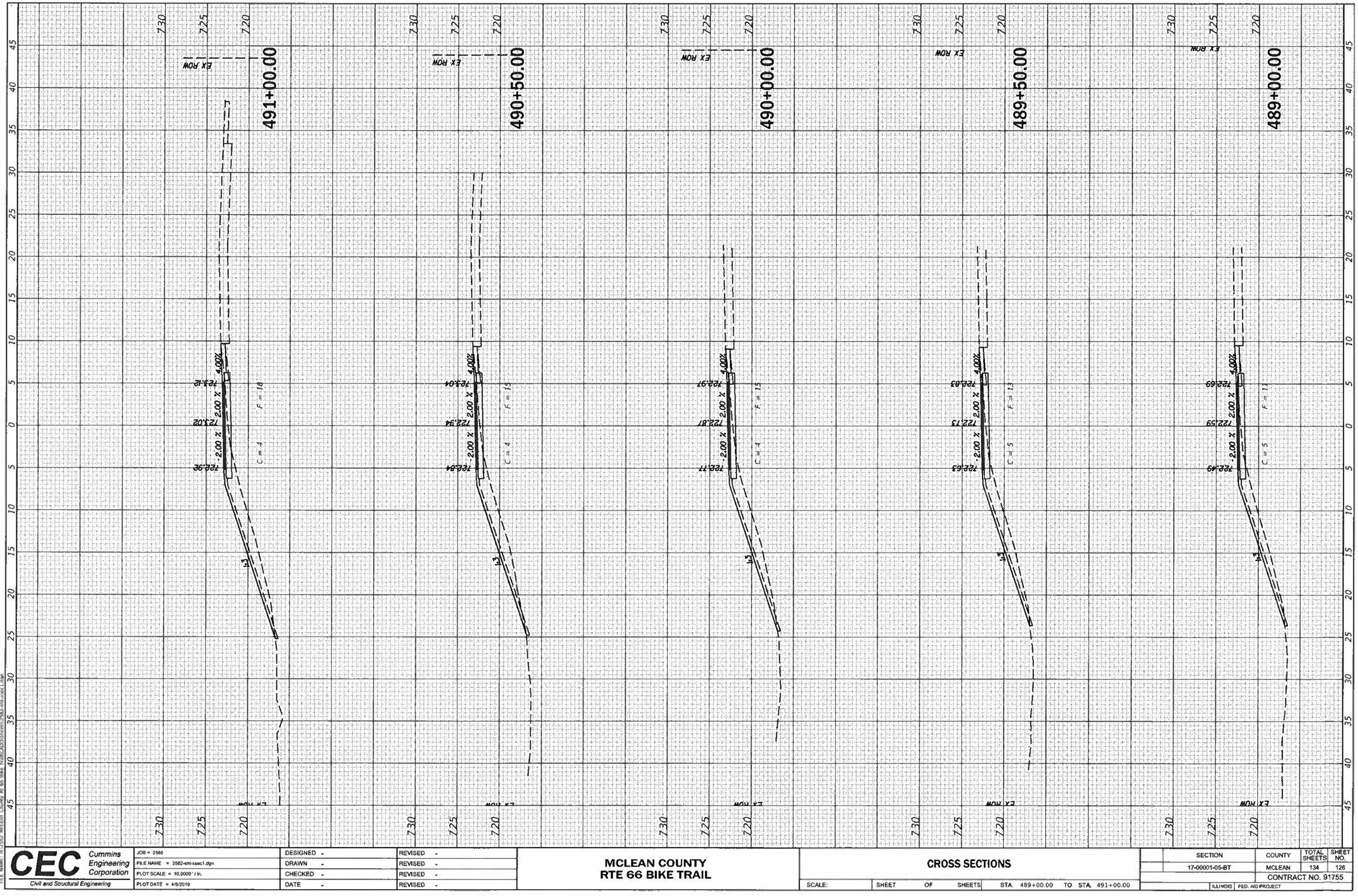
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|---|---|---|---|
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| | PLOT SCALE = 10.0000 ' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 486+50.00 TO STA. 488+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 125 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |




| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-ehl-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 489+00.00 TO STA. 491+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 126 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\ACAD\Sheets\2562-ehl-xsec1.dgn

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

493+00.00

492+50.00

492+00.00

491+50.00

491+35.00

EX ROW

EX 4' x 3' BOX CULVERT

RR BOX CULVERT END SECTION
CULVERT NO. 2

PR PRECAST CONC. BOX CULVERT 4'-x-3'-x-6'
PR CONCRETE COLLAR

MODEL: Default
FILE NAME: H:\2562 Mclean County Rt 66 Bike Trail\ADD\Sheets\2562-xsec1.dgn

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-sht-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 491+35.00 TO STA. 493+00.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 127 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

495+50.00 495+00.00 494+50.00 494+00.00 493+50.00

EX ROW

MODEL: Default
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| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

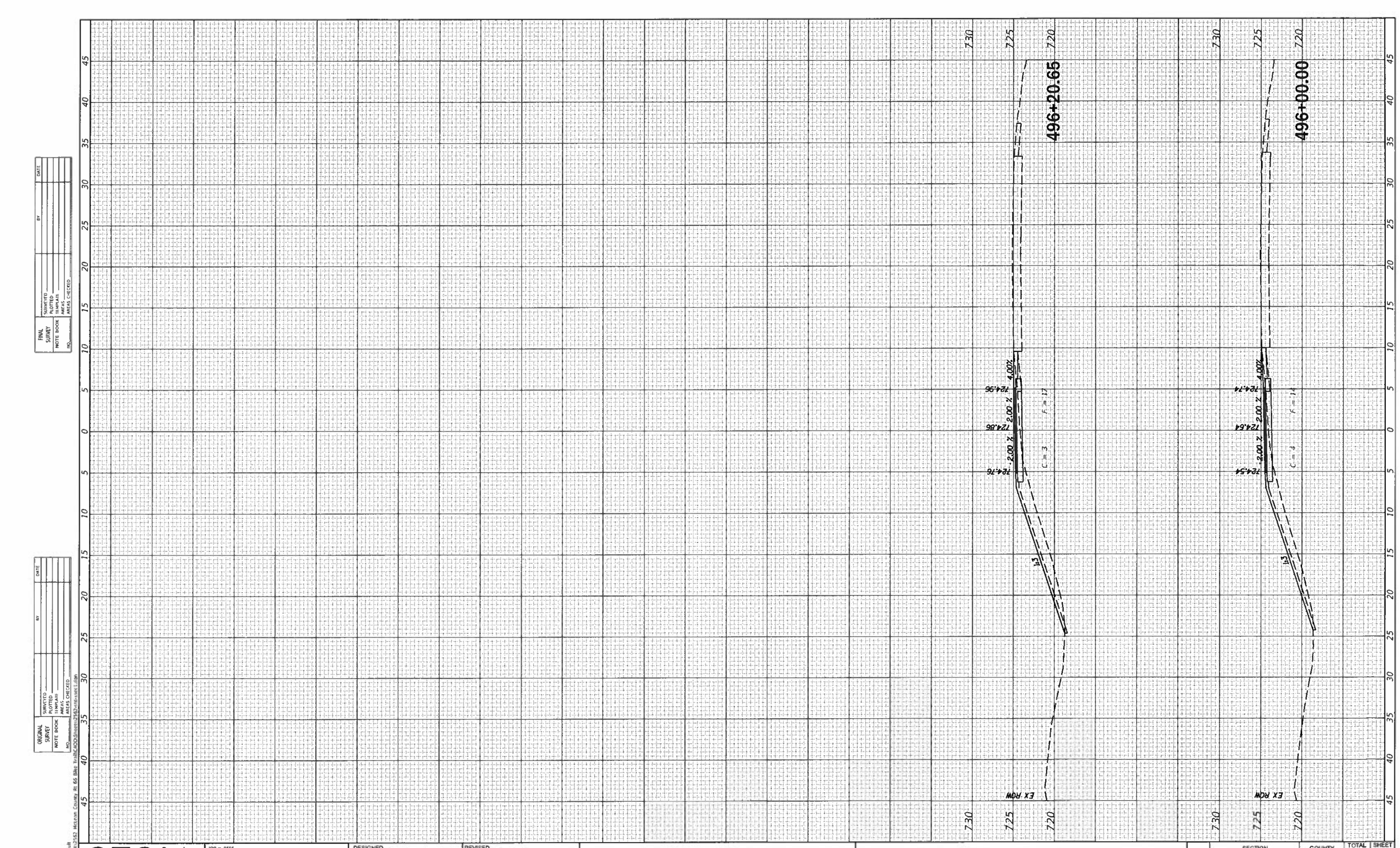
**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 493+50.00 TO STA. 495+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 128 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |




| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
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**CEC** Cummins Engineering Corporation
Civil and Structural Engineering

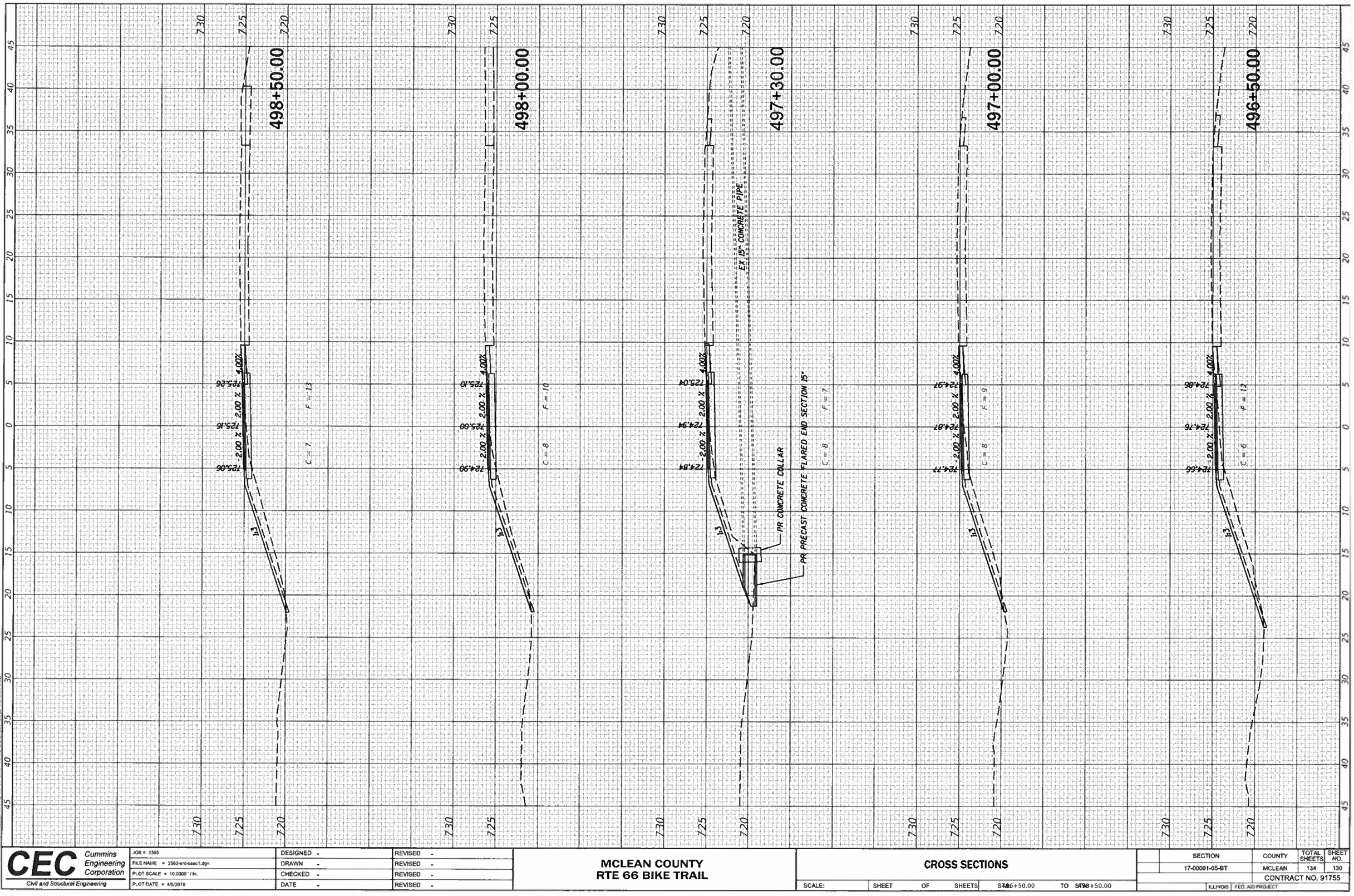
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| FILE NAME = 2562-ph0-xsec1.dgn | DRAWN - | REVISED - |
| PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA. 496+00.00 TO STA. 496+20.65

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 129 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |




| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: IH2562 Mclean County Rt 66 Bike Trail\CADD\Design\2562-ent-xsec1.dgn

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | | | |
|---|---|---|---|
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| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA 496+50.00 TO STA 498+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 130 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS | FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MATCH EXISTING PAVEMENT
STA 500+61.81

500+50.00

500+10.00

OLD US RTE. 66 OMISSION
STA 499+77.13 TO STA 500+01.93

499+50.00

499+00.00

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| NO. | TEMPLATE | | |
| | AREAS | | |
| | AREAS CHECKED | | |

MODEL: Default
FILE NAME: H:\2562 McLean County Rt 66 Bike Trail\CADD\Sheets\2562-sht-xsec1.dgn

| CEC Cummins Engineering Corporation | JOB = 2565 | DESIGNED - | REVISED - |
|---|---|---|---|
| Civil and Structural Engineering | FILE NAME = 2562-sht-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS**

SCALE: | SHEET OF SHEETS | STA 499+00.00 TO STA 500+50.00

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 131 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY |
|---|---|---|
| | PLOTTED | DATE |
| NOTE BOOK | TEMPLATE | |
| NO. | AREAS | |
| | AREAS CHECKED | |

| ORIGINAL SURVEY | SURVEYED | BY |
|---|---|---|
| | PLOTTED | DATE |
| NOTE BOOK | FINAL AREAS | |
| NO. | AREAS CHECKED | |

MODEL: Default
FILE NAME: H:\2562 McLean County Rt. 66 Bike Trail\CADD\Sheets\2562-xsec1.dgn

9+00.35

8+49.93

8+00.00

7+80.00

EX ROW

684.56 2.00 % 684.45 10'H 682.82 10'H 680.90 40'V

683.40 2.00 % 683.30 2.00 % 683.20 1H:3V 682.33 4'V 681.72

682.28

C = 0 F = 32

C = 1 F = 4

C = 1 F = 0

C = 0 F = 0

| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
|---|---|---|---|
| | FILE NAME = 2562-xhc-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS (SPUR 61)**

SCALE: | SHEET OF SHEETS | STA 80.00 | TO STA 00.35

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 132 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS FED. AID PROJECT | | | |

| FINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | DATE |
|---|---|---|---|
| NOTE BOOK | PLOTTED | | |
| | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: I:\2562 McLean County Rt 66 Bike Trail\ADOT\sheets\2562-xsec1.dgn

11+29.77

11+25.00

11+02.00

9+73.00

9+57.61

| | | | |
|---|---|---|---|
| CEC Cummins Engineering Corporation<br>Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
| | FILE NAME = 2562-ent-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS (SPUR 61)**

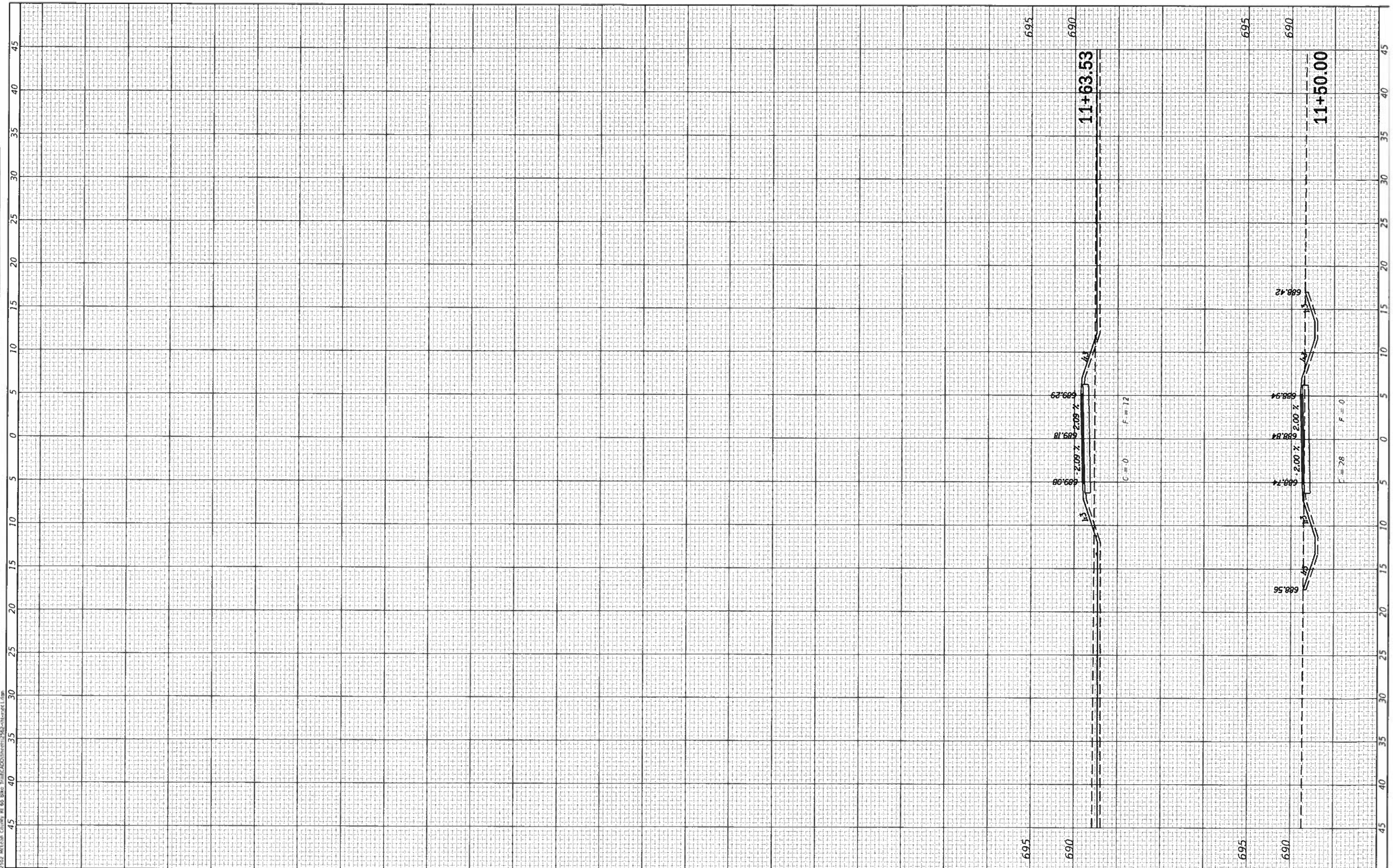
SCALE: | SHEET OF SHEETS | STA 57.61 TO STA 29.77

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 133 |
| | CONTRACT NO. 91755 | | |
| | ILLINOIS FED. AID PROJECT | | |

| FINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

| ORIGINAL SURVEY | SURVEYED | BY | |
|---|---|---|---|
| | PLOTTED | | DATE |
| NOTE BOOK | TEMPLATE | | |
| | AREAS | | |
| NO. | AREAS CHECKED | | |

MODEL: Default
FILE NAME: H:\2562 Mclean County Rt 66 Bike Trail\CADD\Sheets\2562-xsheet1.dgn




| CEC Cummins Engineering Corporation — Civil and Structural Engineering | JOB = 2565 | DESIGNED - | REVISED - |
|---|---|---|---|
| | FILE NAME = 2562-sht-xsec1.dgn | DRAWN - | REVISED - |
| | PLOT SCALE = 10.0000 ' / In. | CHECKED - | REVISED - |
| | PLOT DATE = 4/5/2019 | DATE - | REVISED - |

**MCLEAN COUNTY**
**RTE 66 BIKE TRAIL**

**CROSS SECTIONS (SPUR 61)**

SCALE: | SHEET OF SHEETS | STA. 11+50.00 | TO STA. 11+63.53

| SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|
| 17-00001-05-BT | MCLEAN | 134 | 134 |
| | CONTRACT NO. 91755 | | |
| ILLINOIS | FED. AID PROJECT | | |