

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

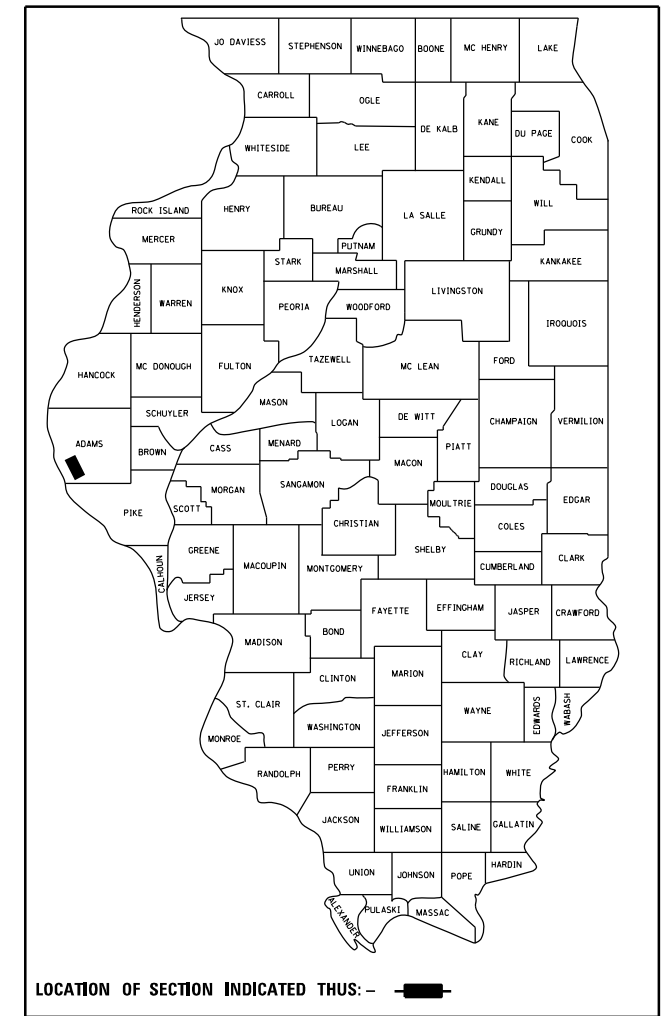
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|---------|----------|--------------------|-----------|
| 172 | 1-3RS-1 | ADAMS | 7 | 1 |
| | | ILLINOIS | CONTRACT NO. 72N29 | |

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED IMPROVEMENTS

FAI 172 (I 172)
SECTION: 1-3RS-1
PROJECT: STATE RAMP REPAIR (CM)
ADAMS CO.

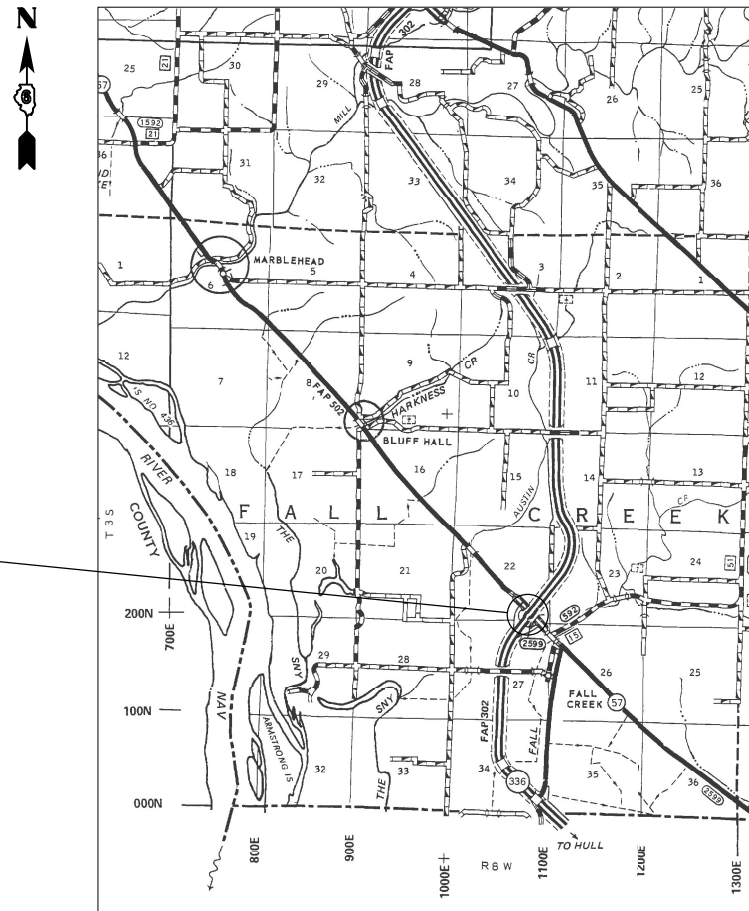
D-96-006-22



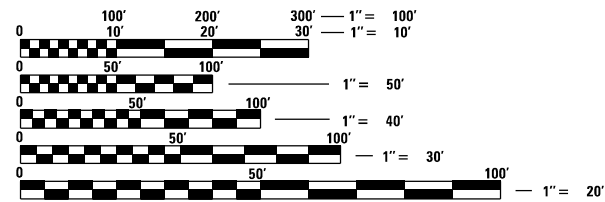
I 172 (2019)
ADT = 6,400
SU = 550
MU = 800

C-96-009-22

R 8 W



PROJECT LOCATION
I-172 & IL 57



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

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

PROJECT ENGINEER : STEVE BERAN - (217)782-7314
PROJECT MANAGER : TIM SHARP - (217)524-9160

CONTRACT NO. 72N29

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED January 27, 2022

Jeff P. Meyer
REGION FOUR ENGINEER

March 25, 2022

Stephen M. Lewis
ENGINEER OF DESIGN AND ENVIRONMENT

March 23, 2022

Stephen M. Lewis
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION




PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

| SHEET NO. | DESCRIPTION |
|-----------|-------------------------------------------------------|
| 1. | COVER SHEET |
| 2. | INDEX OF SHEETS, STANDARDS, GENERAL NOTES & SIGNATURE |
| 3. | SUMMARY OF QUANTITIES |
| 4. | PROJECT LOCATION MAP |
| 5. | SCHEDULES |
| 6-7. | PLANS |

STANDARDS

| STANDARD NO. | DESCRIPTION |
|--------------|---------------------------------------------------------------------------|
| 701101-05 | OFF-RD OPERATIONS, MULTILANE 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE |
| 701106-02 | OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY |
| 701201-05 | LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEED \geq 45 MPH |
| 701451-05 | RAMP CLOSURE FREEWAY / EXPRESSWAY |
| 701901-08 | TRAFFIC CONTROL DEVICES |
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |

| | |
|-----------------------------------------------------------------------------------------|------------------|
| STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6 | |
| EXAMINED | January 27 20 22 |
|  | |
| ENGINEER OF OPERATIONS | |
| EXAMINED | January 27 20 22 |
|  | |
| ENGINEER OF PROJECT IMPLEMENTATION | |
| EXAMINED | January 27 20 22 |
|  | |
| ENGINEER OF PROGRAM DEVELOPMENT | |

REV. - MS

| | | | | | | | | | | | |
|-------------------------------------------|-------------------------------------------|------------|-----------|-----------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|---------|---------------------------|-----------------|--------------|--|
| FILE NAME = | USER NAME = sherp1d | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | INDEX OF SHEETS, STANDARDS GENERAL NOTES, SIGNATURES | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| S:\CONTRMAINT_CAD\72N29 - FAI 172 (1-172) | RAMP REPAIRS - Adams Co-(4-29-2022)\PLANS | DRAWN | REVISED | | | 172 | 1-3RS-1 | ADAMS | 7 | 2 | |
| Default | PLOT SCALE = 40.0000' / in. | CHECKED - | REVISED - | | | SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____ | | ILLINOIS FED. AID PROJECT | | | |
| | PLOT DATE = 1/27/2022 | DATE - | REVISED - | | | CONTRACT NO. 72N29 | | | | | |

0-02176-6023
100% STATE
ADAMS
ROADWAY
0005
RURAL

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | |
|----------|------------------------------------------------------------------|---------|----------------|-----|
| 40600290 | BITUMINOUS MATERIALS (TACK COAT) | POUND | 398 | 398 |
| 40604162 | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 | TON | 74 | 74 |
| 44000155 | HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2" | SQ YD | 885 | 885 |
| 67100100 | MOBILIZATION | L SUM | 1 | 1 |
| 70100450 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701201 | L SUM | 1 | 1 |
| 70100820 | TRAFFIC CONTROL AND PROTECTION, STANDARD 701451 | L SUM | 1 | 1 |
| 70107025 | CHANGEABLE MESSAGE SIGN | CAL DAY | 30 | 30 |
| 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 4 | 4 |
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| FILE NAME = S:\CONTRMAINT_CAD\72N29 - FAI 172 (1-172) | USER NAME = sharptd | DESIGNED - _____ | REVISED - _____ |
| - RAMP REPAIRS - Adams Co-(4-29-2022)\PLANS | DRAWN - _____ | CHECKED - _____ | REVISED - _____ |
| Default | PLOT SCALE = 40.0000' / in. | DATE - _____ | REVISED - _____ |
| | PLOT DATE = 1/27/2022 | | |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| 172 | 1-3RS-1 | ADAMS | 7 | 3 |
| CONTRACT NO. 72N29 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

STA 43+10.54 C IL 57 =
 STA 0+00.00 B RAMP D



STA 57+39.47 C IL 57=
 28+59.94 B RAMP A



| | | | |
|----------------------------------------------------------|--------------------------------------------------------------------|------------------|-----------------|
| FILE NAME = S:\CONTRMAINT_CAD\72N29 - FAI 172 (I-172) | USER NAME = sharptd | DESIGNED - _____ | REVISED - _____ |
| | RAMP REPAIRS - Adams Co-(4-29-2022)\PLANS\72N29-4-location_map.dgn | DRAWN - _____ | REVISED - _____ |
| Default | PLOT SCALE = 40.0000' / in. | CHECKED - _____ | REVISED - _____ |
| | PLOT DATE = 1/27/2022 | DATE - _____ | REVISED - _____ |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION MAP

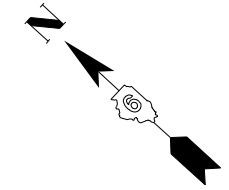
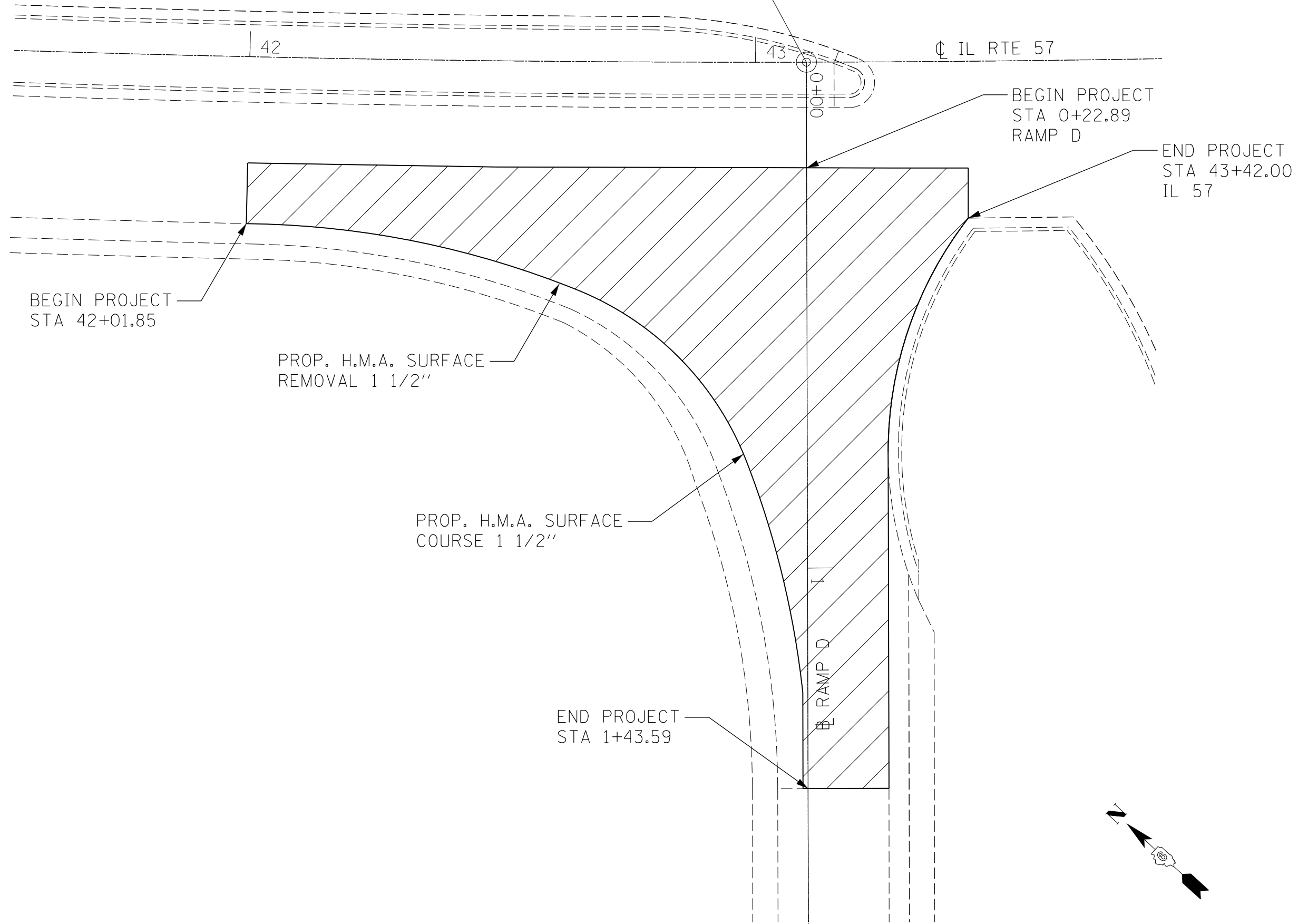
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| 172 | 1-3RS-1 | ADAMS | 7 | 4 |
| CONTRACT NO. 72N29 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| LOCATION | SQ FT | H.M.A SURFACE REMOVAL 1 1/2" SQ YD | BITUMINOUS MATERIALS (TACK COAT) | | H.M.A. SURFACE COURSE XXX 1 1/2" | | | R.R.P.M. REMOVAL EACH |
|---------------|-------|------------------------------------------|----------------------------------------|-------|-------------------------------------|-----------|-----|-----------------------------|
| | | | RATE | POUND | DEPTH | TON/SQ YD | TON | |
| RAMP A | 2385 | 265 | 0.05 | 119 | 1.5 | 0.056 | 22 | 0 |
| RAMP D | 5577 | 620 | 0.05 | 279 | 1.5 | 0.056 | 52 | 4 |
| TOTALS | | 885 | | 398 | | | 74 | 4 |

| MIXTURE REQUIREMENTS | |
|-----------------------------------|--------------------|
| MIXTURE USE(S): | HMA SURFACE COURSE |
| PG: | SBS PG 70-22 |
| DESIGN AIR VOIDS: | 4.0% @ N70 |
| MIXTURE COMPOSITION: | IL-9.5 |
| FRICTION AGGREGATE: | MIX D |
| QUALITY MANAGEMENT: | QC/QA |
| SUBLOT SIZE: | N/A |
| MATERIAL TRANSFER DEVICE REQUIRED | NO |

STA 43+10.04 (IL 57) =
 STA 0+00 (RAMP D)



MODEL: D:\p\h\i\ S:\CONTRACT\MANT_CAD\72N29 - FAI 172 - (L172) - RAMP REPAIRS - Adams Co\4-29-2022\PLANS\72N29\shp\6.dwg
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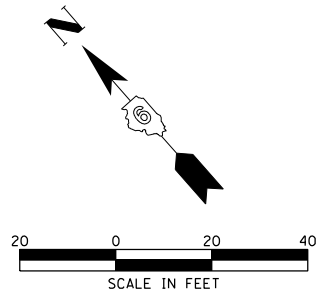
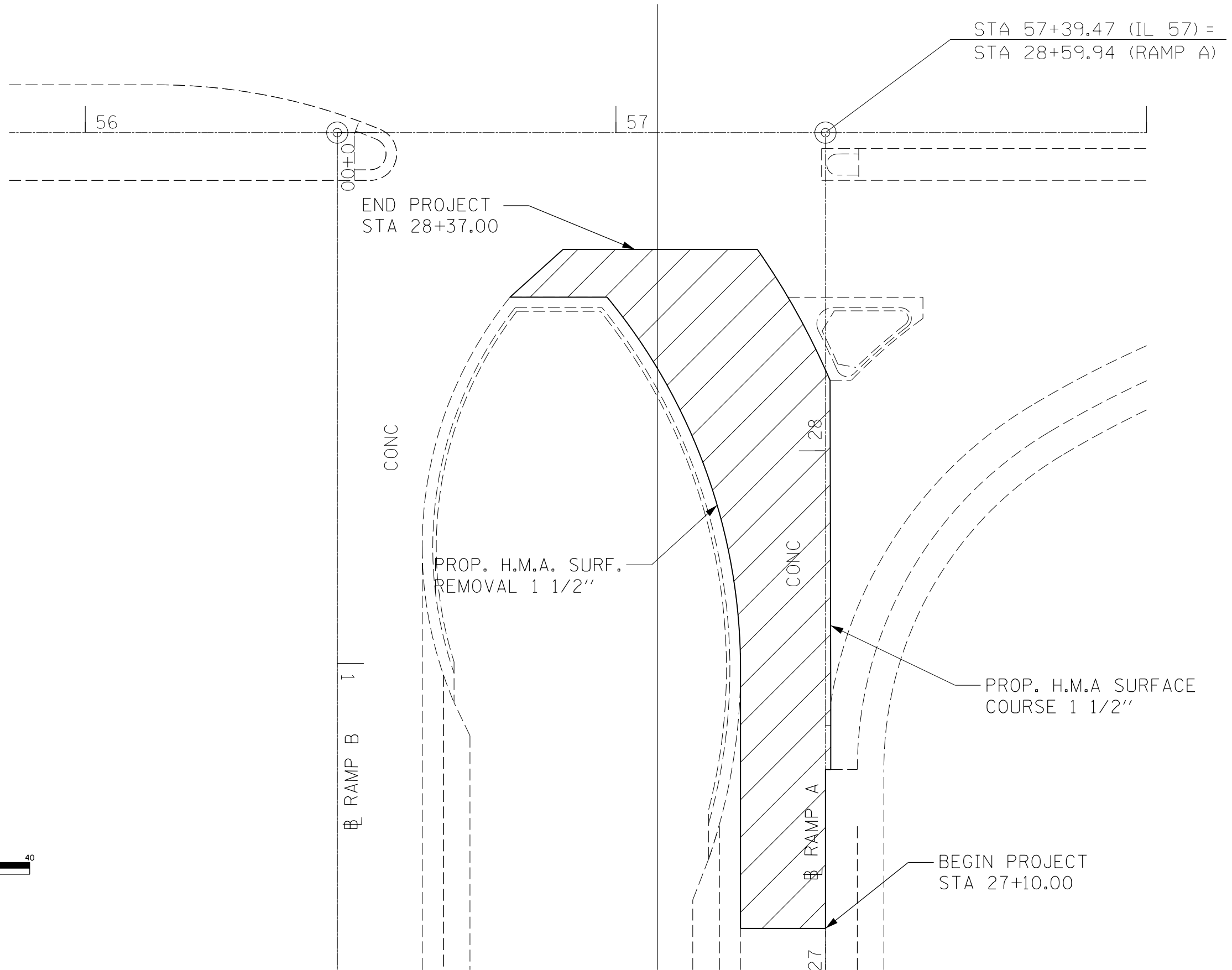
| | | |
|------------------------------|------------|-----------|
| USER NAME = sharptd | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 1/27/2022 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

RAMP D

SCALE: SHEET OF SHEETS STA. TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|--------|--------------|-----------|
| 172 | 1-3R5-1 | ADAMS | 6 | 7 |
| CONTRACT NO. 72N29 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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|------------------------------|------------|-----------|
| USER NAME = sharptd | DESIGNED - | REVISED - |
| PLOT SCALE = 20.0000 ' / in. | DRAWN - | REVISED - |
| PLOT DATE = 1/27/2022 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | | | | | | |
|---------------|-------|-------------|---------|--------|--------------|-----------|
| RAMP A | | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| | | 172 | 1-3R5-1 | ADAMS | 7 | 7 |
| SCALE: | SHEET | OF | SHEETS | STA. | TO STA. | |

| | | | |
|--------------------|--|----------|------------------|
| CONTRACT NO. 72N29 | | ILLINOIS | FED. AID PROJECT |
|--------------------|--|----------|------------------|