

CONTACT JULIE AT 811 OR 800-892-0123

With the following:



County MADISON  
 City / Township VILLAGE OF EAST ALTON  
 Sec & 1/4 Sec No. N. 1/2 SEC. 15 T.5N., R.9W.  
 48 HOURS (2 working days) BEFORE YOU DIG

AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

AT&T COMMUNICATIONS  
 203 GOETHE  
 COLLINSVILLE, IL 62234  
 (618) 346-6422

VILLAGE OF EAST ALTON WATER DEPT.  
 119 WEST MAIN  
 EAST ALTON, ILLINOIS 62024  
 (618) 259-4648

AMEREN IP  
 700 OAKWOOD AVENUE  
 ALTON, ILLINOIS 62002  
 (618) 463-4041 (ELECTRIC)  
 (618) 463-4027 (GAS)

VILLAGE OF EAST ALTON SEWER DEPT.  
 119 WEST MAIN  
 EAST ALTON, ILLINOIS 62024  
 (618) 254-2728

CHARTER COMMUNICATIONS  
 4767 SIGNATURE INDUSTRIAL DRIVE  
 EDWARDSVILLE, IL 62025  
 (618) 779-4179

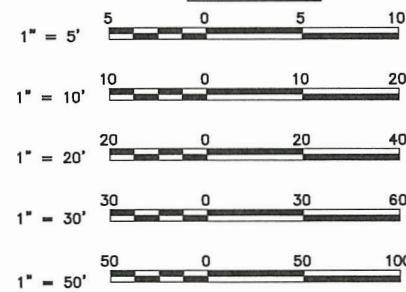
**INDEX TO SHEETS**

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**HIGHWAY STANDARDS**

|           |           |
|-----------|-----------|
| 000001-08 | 701701-10 |
| 001006    | 701801-06 |
| 424001-11 | 701901-08 |
| 424011-04 | 780001-05 |
| 424016-05 | 880006-01 |
| 442201-03 |           |
| 701006-05 |           |
| 701011-04 |           |
| 701301-04 |           |
| 701311-03 |           |
| 701502-09 |           |
| 701606-10 |           |
| 701611-01 |           |

**SCALES**



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.

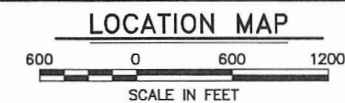
FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL  
 DESIGN SPEED = 35 M.P.H.  
 ADT: 4,700 (2022), 4,790 (2024)

11-17-2023 LETTING ITEM 110

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**STP FUNDS**

**WEST AIRLINE DRIVE**  
**SECTION 20-00038-01-RS**  
**FAU ROUTE 8967**  
**PROJECT SB4L(005)**  
**VILLAGE OF EAST ALTON, ILLINOIS**  
**MADISON COUNTY**  
**JOB C-98-008-24**

TOWNSHIP 5N, RANGE 9W



GROSS LENGTH = 3,657 FEET = 0.693 MILES  
 NET LENGTH = 3,657 FEET = 0.693 MILES



Sheppard Morgan & Schwaab, Inc.  
 CONSULTING ENGINEERS & LAND SURVEYORS  
 215 Market Street  
 Alton, Illinois 62002  
 618/462-9756

| F.A.U. RTE.         | COUNTY  | TOTAL SHEETS       | SHEET NO. |
|---------------------|---------|--------------------|-----------|
| 8967                | MADISON | 24                 | 1         |
| FEDERAL AID PROJECT |         | CONTRACT NO. 97822 |           |



LOCATION OF SECTION INDICATED THIS:-

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

APPROVED July 17, 2023  
 MAYOR

PASSED 8/3, 2023  
 DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
 BASED UPON LIMITED  
 REVIEW 8/3, 2023  
 REGIONAL ENGINEER

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS



DATE SIGNED 7-18-23  
 EXPIRATION DATE 11-30-2023



### STANDARD SYMBOL LEGEND

#### EXISTING

- EXISTING GUY POLE --○
- EXISTING LIGHT POLE --X
- EXISTING POWER POLE --○
- EXISTING TELEPHONE POLE --○
- EXISTING GUY WIRE --←
- EXISTING TRANSMISSION TOWER --□
- EXISTING ELECTRIC SPLICE BOX --□<sup>E</sup>
- EXISTING TELEPHONE SPLICE BOX --□<sup>TV</sup>
- EXISTING CABLE SPLICE BOX --□<sup>TV</sup>
- EXISTING WATER HYDRANT --FH
- EXISTING GAS METER --G
- EXISTING WATER METER --W
- EXISTING WATER VALVE --V
- EXISTING GAS VALVE --G
- EXISTING FIRE HYDRANT --FH
- EXISTING SANITARY MANHOLE TOP --○
- EXISTING STORM MANHOLE TOP --○
- EXISTING TELEPHONE MANHOLE TOP --T
- EXISTING SANITARY CLEAN OUT --○
- CONTROL POINT --△<sup>XXX</sup>
- BENCHMARK --BM
- TEST PIT / NUMBER --X
- BORING / NUMBER --X
- RIGHT-OF-WAY MARKER --MON
- AXLE FOUND --AXLE
- BOLT FOUND --BOLT
- CHISELED "X" FOUND --X
- PIN FOUND --IP
- PINCH PIPE FOUND --IP
- PK NAIL FOUND --PK
- RAILROAD SPIKE FOUND --RR
- STONE FOUND --STONE
- BRASS MONUMENT FOUND --MON
- IRON PIPE FOUND --IP
- MONUMENT FOUND --MON
- REBAR FOUND --RBR
- EXISTING MAILBOX --F
- EXISTING FENCE POST --F
- EXISTING FLAG POST --F
- EXISTING GUY POLE --○
- EXISTING GUARD POST --○
- EXISTING ADVERTISING SIGN --
- EXISTING TRAFFIC SIGN --
- EXISTING PARKING METER --P
- EXISTING RAILROAD MILE POST --MP
- EXISTING RAILROAD SIGNAL CONTROLLER --
- EXISTING RAILROAD CROSSING GATE --
- EXISTING TRAFFIC SIGNAL --
- EXISTING TRAFFIC SIGNAL CONTROLLER --
- EXISTING HANDHOLE --H
- EXISTING DOUBLE HANDHOLE --H
- EXISTING MAST ARM BASE --MA
- EXISTING DECIDUOUS TREE / SIZE --XX"

- EXISTING EVERGREEN TREE / SIZE --XX"
- EXISTING STUMP / SIZE --XX"
- EXISTING BUSH --
- EXISTING SHRUB --
- EXISTING TREE TO BE REMOVED --XX"

#### SIDEWALK LEGEND

- RAMP — MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- DETECTABLE WARNING
- LANDING — MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- BT** — BLENDED TRANSITION — MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
- T** — TRANSITION TO MEET EXISTING SIDEWALK
- P** — PASSING SPACE — MIN. SIZE 5' X 5', MAX CROSS SLOPE = 2.0%

#### PROPOSED

- PROPOSED GUY POLE --○
- PROPOSED LIGHT POLE --X
- PROPOSED POWER POLE --○
- PROPOSED TELEPHONE POLE --○
- PROPOSED GUY WIRE --←
- PROPOSED TRANSMISSION TOWER --□
- PROPOSED ELECTRIC SPLICE BOX --□<sup>E</sup>
- PROPOSED TELEPHONE SPLICE BOX --□<sup>TV</sup>
- PROPOSED CABLE SPLICE BOX --□<sup>TV</sup>
- PROPOSED WATER HYDRANT --FH
- PROPOSED GAS METER --G
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- PROPOSED WATER VALVE --V
- PROPOSED GAS VALVE --G
- PROPOSED FIRE HYDRANT --FH
- PROPOSED SANITARY MANHOLE TOP --○
- PROPOSED STORM MANHOLE TOP --○
- PROPOSED TELEPHONE MANHOLE TOP --T
- PROPOSED SANITARY CLEAN OUT --○
- PROPOSED MAILBOX --F
- PROPOSED GUARD POST --○<sup>GP</sup>
- PROPOSED ADVERTISING SIGN --
- PROPOSED TRAFFIC SIGN --
- PROPOSED RAILROAD MILE POST --MP
- PROPOSED RAILROAD SIGNAL CONTROLLER --
- PROPOSED RAILROAD CROSSING GATE --
- PROPOSED TRAFFIC SIGNAL --
- PROPOSED TRAFFIC SIGNAL CONTROLLER --
- PROPOSED HANDHOLE --H
- PROPOSED DOUBLE HANDHOLE --H
- PROPOSED MAST ARM BASE --MA
- PROPOSED DECIDUOUS TREE / SIZE --XX"
- PROPOSED EVERGREEN TREE / SIZE --XX"
- PROPOSED BUSH --
- PROPOSED PLANT --
- PROPOSED EDGE OF PAVEMENT ELEVATION -- + 512.00 EP
- PROPOSED PAVEMENT ELEVATION -- + 505.50 P
- PROPOSED CURB ELEVATION -- + 550.25 TC
- PROPOSED SIDEWALK ELEVATION -- + 515.15 SW
- PROPOSED FLOWLINE ELEVATION -- + 501.58 FL

### STANDARD LINE TYPE LEGEND

#### EXISTING FEATURES

- EXISTING CENTERLINE
- EXISTING BASELINE
- EXISTING RIGHT-OF-WAY
- EXISTING SECTION LINE
- EXISTING PROPERTY LINE P/L
- EXISTING EASEMENT
- EXISTING SETBACK
- EXISTING MAJOR CONTOUR 500
- EXISTING MINOR CONTOUR 501
- EXISTING DITCH
- EXISTING POND, LAKE, BODY OF WATER, ETC.
- EXISTING RAILROAD
- EXISTING BRUSH / HEDGE / TREE LINE
- EXISTING FENCE
- EXISTING GUARDRAIL
- EXISTING CULVERT
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING FORCEMAIN
- EXISTING WATER
- EXISTING UNDERGROUND ELECTRIC
- EXISTING GAS
- EXISTING UNDERGROUND TELEPHONE
- EXISTING FIBER OPTIC
- EXISTING UNDERGROUND CABLE TV
- EXISTING OVERHEAD TELEPHONE
- EXISTING OVERHEAD ELECTRIC
- EXISTING OVERHEAD CABLE TV

#### PROPOSED FEATURES

- PROPOSED CENTERLINE
- PROPOSED BASELINE
- PROPOSED RIGHT-OF-WAY
- PROPOSED LOT LINE
- PROPOSED EASEMENT
- PROPOSED CONSTRUCTION EASEMENT OR TEMPORARY USE PERMIT
- PROPOSED CONSTRUCTION LIMITS
- PROPOSED SETBACK
- PROPOSED MAJOR CONTOUR 500
- PROPOSED MINOR CONTOUR 501
- PROPOSED DITCH
- PROPOSED POND, LAKE, BODY OF WATER, ETC.
- PROPOSED RAILROAD
- PROPOSED FENCE
- PROPOSED GUARDRAIL
- PROPOSED PERIMETER EROSION BARRIER
- PROPOSED CULVERT
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED FORCEMAIN
- PROPOSED WATER
- PROPOSED UNDERGROUND ELECTRIC
- PROPOSED GAS
- PROPOSED UNDERGROUND TELEPHONE
- PROPOSED FIBER OPTIC
- PROPOSED UNDERGROUND CABLE TV
- PROPOSED OVERHEAD TELEPHONE
- PROPOSED OVERHEAD ELECTRIC
- PROPOSED OVERHEAD CABLE TV

#### ABBREVIATIONS

|         |                                |      |                                    |
|---------|--------------------------------|------|------------------------------------|
| ADT     | AVERAGE DAILY TRAFFIC          | OL   | OPEN LID                           |
| BK      | BACK                           | PC   | POINT OF CURVE                     |
| BM      | BENCH MARK                     | PE   | PRIVATE ENTRANCE                   |
| BVCE    | BEGIN VERTICAL CURVE ELEVATION | PI   | POINT OF INTERSECTION              |
| BVCS    | BEGIN VERTICAL CURVE STATION   | PK   | PK NAIL                            |
| C&G     | CURB AND GUTTER                | PP   | POWER POLE                         |
| C/L     | CENTER LINE                    | PRCF | PRECAST REINFORCED CONCRETE FLARED |
| CE      | COMMERCIAL ENTRANCE            | PT   | POINT OF TANGENT                   |
| CI      | CAST IRON                      | PVC  | POINT OF VERTICAL CURVE            |
| CL      | CLOSED LID                     | R    | RADIUS                             |
| CM      | CONCRETE MONUMENT              | RBR  | REBAR                              |
| CMP     | CORRUGATED METAL PIPE          | RDMH | RESTRICTED DEPTH MANHOLE           |
| CONC    | CONCRETE                       | ROW  | RIGHT OF WAY                       |
| CT      | CRIMP TOP PIPE                 | RR   | RAILROAD                           |
| CU YD   | CUBIC YARD                     | RRPM | RAISED REFLECTIVE PAVEMENT MARKER  |
| DE      | DRAINAGE EASEMENT              | RT   | RIGHT                              |
| DIP     | DUCTILE IRON PIPE              | S    | SOUTH                              |
| E       | EAST                           | SE   | SOUTHEAST                          |
| ELEV    | ELEVATION                      | SL   | SECTION LINE                       |
| EP      | EDGE OF PAVEMENT               | SS1  | STORM SEWER TYPE 1                 |
| EQN STA | EQUATION STATION               | SS2  | STORM SEWER TYPE 2                 |
| ES      | EDGE OF SHOULDER               | SS3  | STORM SEWER TYPE 3                 |
| FE      | FIELD ENTRANCE                 | STA  | STATION                            |
| FH      | FIRE HYDRANT                   | SW   | SOUTHWEST                          |
| FL      | FLOW LINE                      | TB   | TRENCH BACKFILL                    |
| FT      | FOOT                           | TBR  | TO BE REMOVED                      |
| FWD     | FORWARD                        | TC   | TOP OF CURB                        |
| GP      | GUARD POST                     | TCE  | TEMPORARY CONSTRUCTION EASEMENT    |
| HDPE    | HIGH DENSITY POLYETHYLENE      | TPM  | TEMPORARY PAVEMENT MARKING         |
| HMA     | HOT-MIX ASPHALT                | TPPM | THERMOPLASTIC PAVEMENT MARKING     |
| IP      | IRON PIPE                      | TUP  | TEMPORARY USE PERMIT               |
| LT      | LEFT                           | TY   | TYPE                               |
| MON     | MONUMENT                       | TYP  | TYPICAL                            |
| MP      | MILE PIPE                      | VC   | VERTICAL CURVE                     |
| N       | NORTH                          | VCP  | VITRIFIED CLAY PIPE                |
| NE      | NORTHEAST                      | W    | WEST                               |
| NW      | NORTHWEST                      | WMQ  | WATER MAIN QUALITY                 |
| O&C     | OIL AND CHIP                   |      |                                    |

#### GENERAL NOTES

- THE PLANS SHOW THE APPROXIMATE LOCATION OF KNOWN UTILITIES, BUT DO NOT SHOW HOUSE OR SERVICE CONNECTIONS. UTILITY INFORMATION PROVIDED IS BASED ON INFORMATION OBTAINED FROM UTILITY COMPANIES AND SHALL NOT BE CONSIDERED TO BE ACCURATE OR COMPLETE. THE CONTRACTOR SHALL USE ALL DUE PRECAUTION NOT TO DAMAGE OR DISTURB ANY UTILITIES AND THE ENTIRE COST OF MAKING REPAIRS TO, OR REPLACEMENT OF, ANY DAMAGED LINE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- PROPOSED ELEVATIONS SHOWN ON THE PLANS AS +/- ARE APPROXIMATE, EXACT ELEVATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. IF APPLICABLE, ELEVATIONS SHALL BE DETERMINED PRIOR TO FABRICATION OF THE DRAINAGE STRUCTURES.
- UNLESS OTHERWISE PROVIDED FOR HEREIN, THE CONTRACTOR SHALL PROTECT AND RESTORE EXISTING TRAFFIC SIGNS IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. AT LOCATIONS WHERE EXISTING SIGNS ARE TO BE REMOVED, THE CONTRACTOR SHALL REMOVE THE EXISTING SIGNS AND DELIVER THEM TO THE VILLAGE OF EAST ALTON STREET DEPARTMENT. THE COST OF THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR SIGN REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL CONSTRUCTION ON THIS PROJECT SHALL COMPLY WITH THE REQUIREMENTS OF THE "PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES" (PROWAG) WITHIN THE PEDESTRIAN ACCESS ROUTE (PAR). THE PAR IS A SPACE WITH A MINIMUM WIDTH OF 4 FEET WITHIN SIDEWALKS, CURB RAMPS, DRIVEWAY PAVEMENTS AND PAVEMENT SURFACE WITHIN CROSSWALKS.
- AT LOCATIONS WHERE CONCRETE CURB, TYPE B OR COMBINATION CONCRETE CURB AND GUTTER IS REMOVED AND REPLACED ADJACENT TO AREAS WHERE THE HOT-MIX ASPHALT RESURFACING EXTENDS TO THE CURB, DEPRESSED CURBS FOR CURB RAMPS SHALL BE PLACED AT THE PROPER HEIGHT REQUIRED TO MEET TO PROPOSED FINAL PAVEMENT SURFACE.
- SIDEWALK REMOVAL AND REPLACEMENT SHALL BE SEQUENCED AS NEEDED TO ALWAYS ALLOW AN ACCESSIBLE ROUTE TO PRIVATE PROPERTY AND BUSINESSES.
- TEMPORARY RAMP LENGTHS WERE CALCULATED USING A TAPER RATE OF 40:1.
- IF ANY ADJACENT HOT-MIX ASPHALT PAVEMENT IS DAMAGED DURING THE SAW CUTTING AND REMOVAL OF SIDEWALK, IT SHALL BE RE-SAW CUT AND REMOVED TO THE SATISFACTION OF THE ENGINEER. QUANTITIES FOR HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL AND INCIDENTAL HOT-MIX ASPHALT SURFACING HAVE BEEN INCLUDED IN THE PLANS TO ESTABLISH A UNIT PRICE.

#### COMMITMENTS

NONE

#### BENCHMARK INFORMATION

SITE BENCHMARK:  
SET CUT SQUARE AT THE BACK OF TRAFFIC CONTROL BOX  
STA. 56+23.48, 39.36' RT.  
ELEV. = 542.77

#### SURVEY CONTROL POINTS

| VERTICAL CONTROL (BENCH MARKS) |                            |            |                       |                      |
|--------------------------------|----------------------------|------------|-----------------------|----------------------|
| BENCH MARK                     | LOCATION                   | ELEVATION  | DESCRIPTION           |                      |
| 1                              | STA. 56+17.87, 29.48' LT.  | 542.94     | SET REBAR WITH CP CAP |                      |
| 2                              | STA. 55+96.66, 288.75' RT. | 542.08     | SET REBAR WITH CP CAP |                      |
| 3                              | STA. 52+68.72, 27.76' RT.  | 546.21     | SET "X" IN CONC.      |                      |
| HORIZONTAL CONTROL             |                            |            |                       |                      |
| CONTROL POINT                  | NORTHING                   | EASTING    | ELEVATION             | DESCRIPTION          |
| CP #100                        | 808293.01                  | 2320380.80 | 544.87                | FOUND IP LEANING     |
| CP #101                        | 808293.13                  | 2320276.39 | 545.40                | FOUND CAP "SMS"      |
| CP #102                        | 808293.07                  | 2320211.01 | 546.30                | FOUND CAP "SMS"      |
| CP #103                        | 808308.07                  | 2320195.68 | 545.89                | FOUND SPINDLE        |
| CP #104                        | 808231.04                  | 2320252.31 | 545.43                | FOUND REBAR          |
| CP #105                        | 808232.79                  | 2320658.90 | 541.33                | FOUND IP             |
| CP #106                        | 808419.95                  | 2320457.77 | 541.66                | FOUND CAP            |
| CP #107                        | 808414.86                  | 2320503.00 | 542.27                | FOUND CAP            |
| CP #108                        | 808232.13                  | 2320538.76 | 542.40                | FOUND IP             |
| CP #109                        | 808226.62                  | 2320531.27 | 542.88                | FOUND MCHD BRASS     |
| CP #200                        | 808301.34                  | 2319758.93 | 552.67                | FOUND CT             |
| CP #201                        | 808160.06                  | 2318855.10 | 540.59                | FOUND IP             |
| CP #202                        | 807951.28                  | 2317872.81 | 529.66                | FOUND REBAR WITH CAP |
| CP #203                        | 808060.53                  | 2318351.74 | 530.41                | FOUND IP             |
| CP #204                        | 807984.40                  | 2318385.08 | 532.46                | FOUND IP             |
| CP #205                        | 807776.73                  | 2320424.15 | 536.43                | FOUND IP             |

\* ELEVATIONS SHOULD BE CHECKED FROM A BENCHMARK.

REVISIONS

**SMS** Sheppard, Morgan & Schwaab, Inc.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
215 Market Street, P.O. Box E, Alton, IL 62002 618462-9755 E-mail: mail@smsengineers.com  
**ENGINEERS** DESIGN FIRM # 184-000992

VILLAGE OF EAST ALTON, ILLINOIS  
SECTION 20-00038-01-RS  
WEST AIRLINE DRIVE  
GENERAL NOTES, LEGENDS, CONTROL POINTS, AND COMMITMENTS

CONTRACT NO. 97822  
F.A.U. RTE. 8967  
REF. BK. PG.  
JOB NO. 520719  
DSN. BY: DEG  
DWN. BY: CDP  
CHK. BY: DEG  
DATE: APRIL, 2023  
SCALE: N/A  
SHEET 2 OF 24

## SUMMARY OF QUANTITIES

| CONSTRUCTION TYPE CODE |  | 0005  |          |
|------------------------|--|-------|----------|
| CODE NO.               | ITEM   | UNIT  | QUANTITY |
| 20201200               | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL                      | CU YD | 10       |
| 31101000               | SUBBASE GRANULAR MATERIAL, TYPE B                                | TON   | 20       |
| 40600290               | BITUMINOUS MATERIALS (TACK COAT)                                 | POUND | 12,407   |
| 40600990               | TEMPORARY RAMP   | SQ YD | 624      |
| 40602985               | HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70                       | TON   | 1,545    |
| 40604162               | POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 | TON   | 1,545    |
| 40800050               | INCIDENTAL HOT-MIX ASPHALT SURFACING                             | TON   | 7        |
| 42400100               | PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH                         | SQ FT | 676      |
| 42400800               | DETECTABLE WARNINGS  | SQ FT | 93       |
| 44000161               | HOT-MIX ASPHALT SURFACE REMOVAL, 3"                              | SQ YD | 18,380   |
| 44000500               | COMBINATION CURB AND GUTTER REMOVAL                              | FOOT  | 131      |
| 44200140               | PAVEMENT PATCHING, TYPE I, 12 INCH                               | SQ YD | 14       |
| 44200144               | PAVEMENT PATCHING, TYPE II, 12 INCH                              | SQ YD | 36       |
| 44200150               | PAVEMENT PATCHING, TYPE IV, 12 INCH                              | SQ YD | 97       |
| 60605000               | COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24                | FOOT  | 72       |
| 60608600               | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06                | FOOT  | 24       |
| 60610400               | COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24                | FOOT  | 35       |
| 60618300               | CONCRETE MEDIAN SURFACE, 4 INCH                                  | SQ FT | 126      |
| 67100100               | MOBILIZATION   | L SUM | 1        |
| 70300100               | SHORT TERM PAVEMENT MARKING                                      | FOOT  | 676      |

| CONSTRUCTION TYPE CODE |   | 0005  |          |
|------------------------|---|-------|----------|
| CODE NO.               | ITEM  | UNIT  | QUANTITY |
| 70300150               | SHORT TERM PAVEMENT MARKING REMOVAL                                       | SQ FT | 226      |
| 70300211               | TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT                    | SQ FT | 718      |
| 70300221               | TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT                              | FOOT  | 10,414   |
| 70300241               | TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT                              | FOOT  | 1,195    |
| 70300251               | TEMPORARY PAVEMENT MARKING - LINE 8" - PAINT                              | FOOT  | 253      |
| 70300261               | TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT                             | FOOT  | 474      |
| * 78000100             | THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS                      | SQ FT | 718      |
| * 78000200             | THERMOPLASTIC PAVEMENT MARKING - LINE 4"                                  | FOOT  | 10,414   |
| * 78000400             | THERMOPLASTIC PAVEMENT MARKING - LINE 6"                                  | FOOT  | 1,195    |
| * 78000500             | THERMOPLASTIC PAVEMENT MARKING - LINE 8"                                  | FOOT  | 253      |
| * 78000600             | THERMOPLASTIC PAVEMENT MARKING - LINE 12"                                 | FOOT  | 474      |
| 78300200               | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL                                 | EACH  | 13       |
| 78300202               | PAVEMENT MARKING REMOVAL - WATER BLASTING                                 | SQ FT | 5,466    |
| * 88102747             | PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH  | 1        |
| X4400196               | HOT- MIX ASPHALT SURFACE REMOVAL (SPECIAL)                                | SQ YD | 38       |
| X4402020               | CONCRETE MEDIAN SURFACE REMOVAL   | SQ FT | 250      |
| X5012502               | CONCRETE REMOVAL (SPECIAL)  | CU YD | 1        |
| X7010216               | TRAFFIC CONTROL AND PROTECTION, (SPECIAL)                                 | L SUM | 1        |
| * X8950307             | REMOVE EXISTING PEDESTRIAN SIGNAL HEAD                                    | EACH  | 1        |
| * Z0036200             | PAINT CURB  | FOOT  | 59       |

\* DENOTES SPECIALTY ITEM

|           |  |  |  |  |  |  |  |  |  |
|-----------|--|--|--|--|--|--|--|--|--|
| REVISIONS |  |  |  |  |  |  |  |  |  |
|-----------|--|--|--|--|--|--|--|--|--|

**SMS ENGINEERS**  
 Sheppard, Morgan & Schwaab, Inc.  
 CONSULTING ENGINEERS AND LAND SURVEYORS  
 215 Market Street, Alton, IL 62002 618/482-9755 E-mail: mail@smsengineers.com  
 DESIGN FIRM # 184-000992

VILLAGE OF EAST ALTON, ILLINOIS  
 SECTION 20-00038-01-RS  
 WEST AIRLINE DRIVE  
 SUMMARY OF QUANTITIES

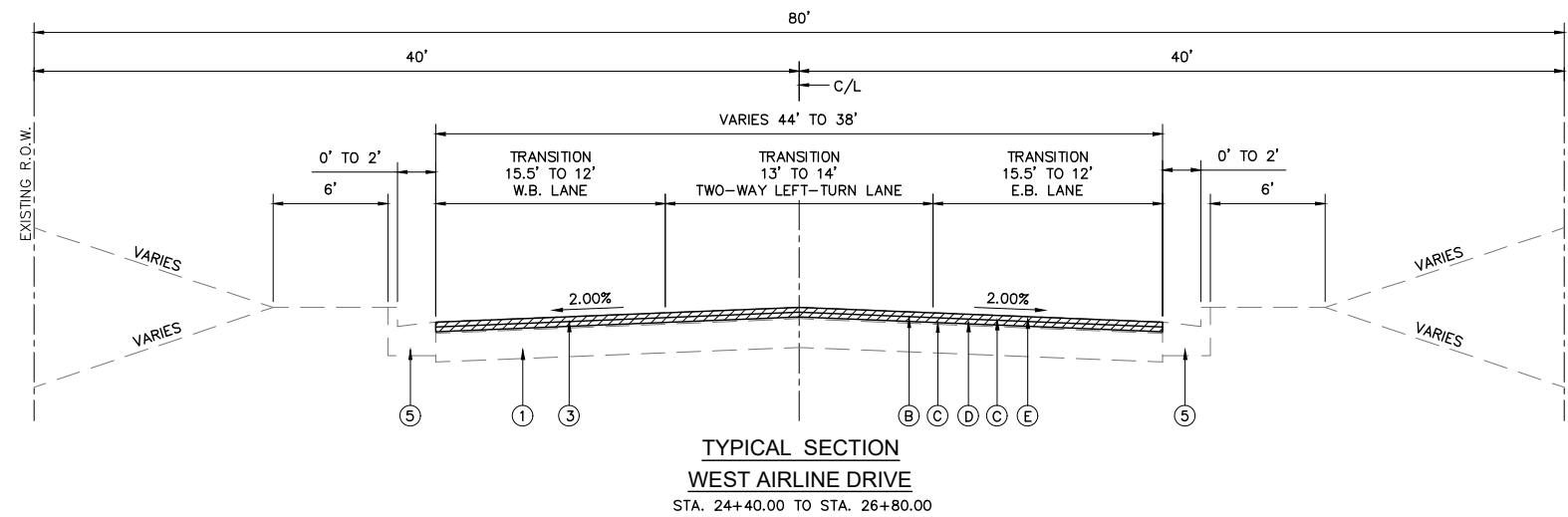
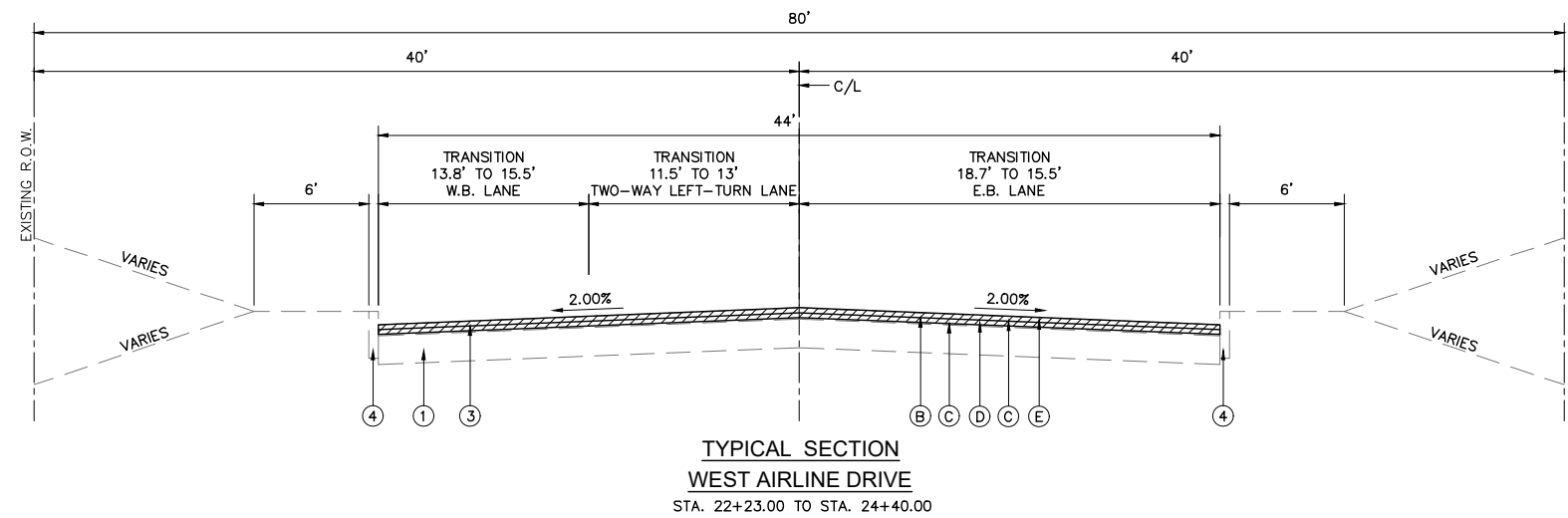
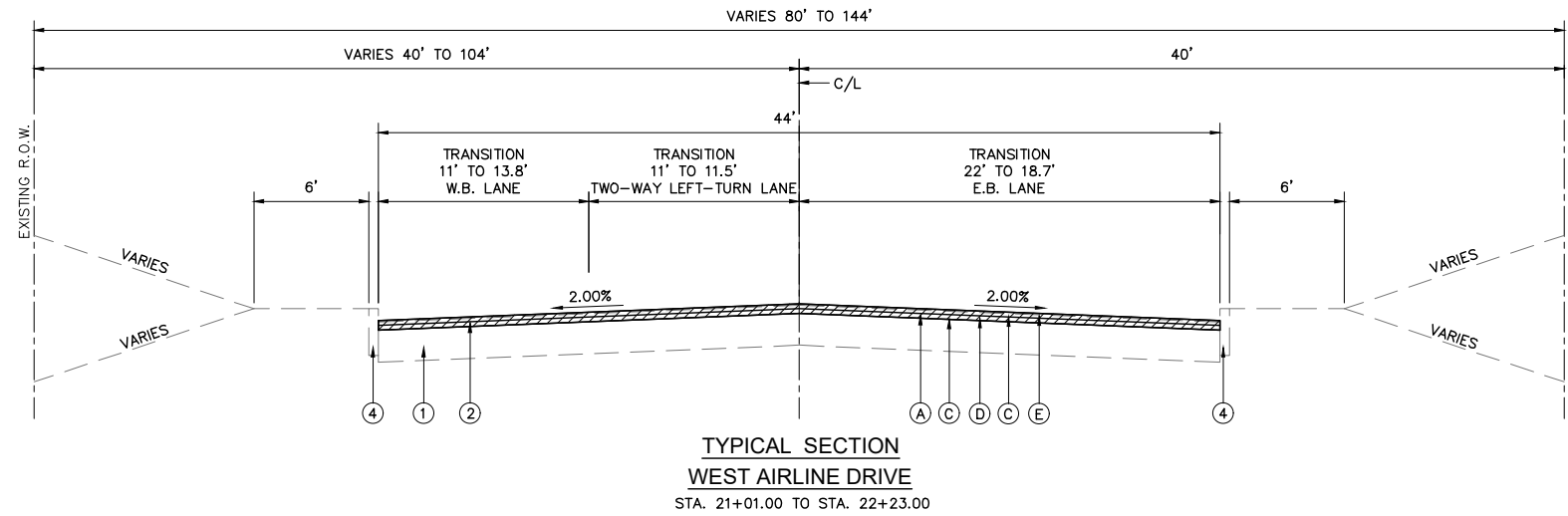
CONTRACT NO.  
97822

F.A.U. RTE. 8967

REF. BK. PG.  
JOB NO. 520719  
DSN. BY: DEG  
DWN. BY: CDP  
CHK. BY: DEG  
DATE: APRIL 2023

SCALE: N/A

SHEET 3 OF 24



**PAVING LEGEND**

- ① EXISTING CONCRETE / HMA BASE
- ② EXISTING HMA SURFACE, VARIES 1-1/2" TO 3-1/2"
- ③ EXISTING HMA SURFACE, 3-1/2"±
- ④ EXISTING CONC CURB TYPE B
- ⑤ EXISTING C.C.C. & G. TYPE B-6.24
- Ⓐ PROPOSED HMA SURFACE REMOVAL, 3" (ACTUAL DEPTH VARIES 1-1/2" TO 3") SHOWN AS
- Ⓑ PROPOSED HMA SURFACE REMOVAL, 3" SHOWN AS
- Ⓒ PROPOSED BITUMINOUS MATERIALS (TACK COAT) (SSI-VH)
- Ⓓ PROPOSED HMA BINDER COURSE, IL-9.5, N70, 1-1/2"
- Ⓔ PROPOSED POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"

**TYPICAL SECTION NOTES**

- ① MATCH EXISTING CROSS SLOPES  
2% - 3.53% (STA. 27+61 - STA. 29+01)  
3.53% (STA. 29+01 - STA. 34+29)  
3.53% - 2% (STA. 34+29 - STA. 35+69)
- ② MATCH EXISTING CROSS SLOPES  
2% - 1.44% (STA. 27+61 - STA. 29+01)  
1.44% (STA. 29+01 - STA. 34+29)  
1.44% - 2% (STA. 34+29 - STA. 35+69)
- ③ MATCH EXISTING CROSS SLOPES  
2% - 3.65% (STA. 36+06 - STA. 37+46)  
3.65% (STA. 37+46 - STA. 43+75)  
3.65% - 2% (STA. 43+75 - STA. 45+15)
- ④ MATCH EXISTING CROSS SLOPES  
2% - 1.13% (STA. 36+06 - STA. 37+46)  
1.13% (STA. 37+46 - STA. 43+75)  
1.13% - 2% (STA. 43+75 - STA. 45+15)

**MIX DESIGNS**

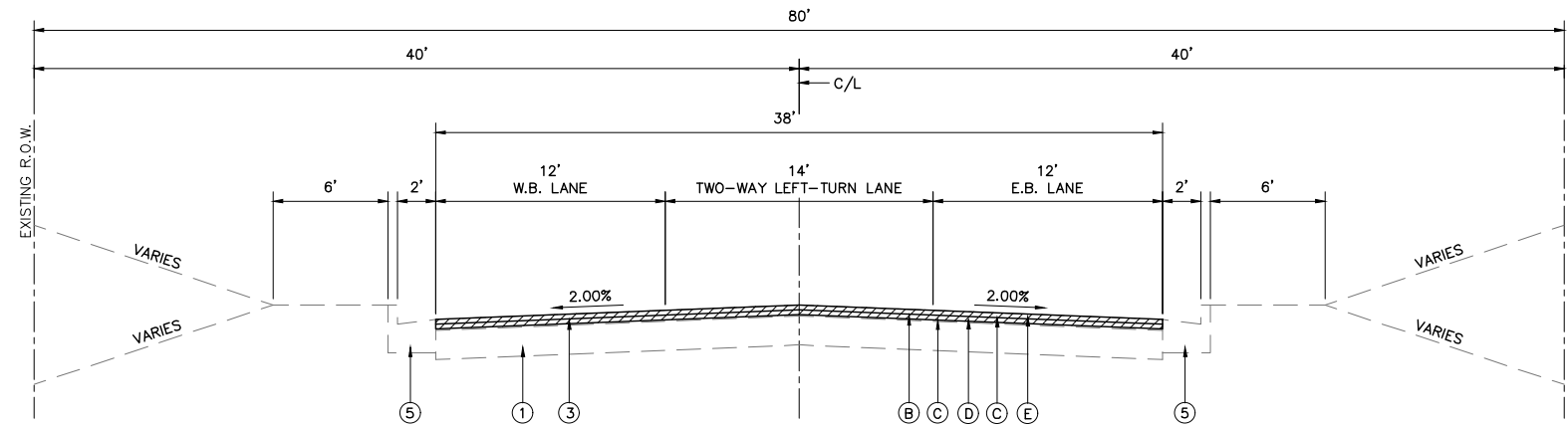
| LOCATION                             | ENTIRE JOB          |                     |                      |
|--------------------------------------|---------------------|---------------------|----------------------|
|                                      | POLY SURFACE        | BINDER              | INCIDENTAL           |
| MIXTURE USE                          | POLY SURFACE        | BINDER              | INCIDENTAL           |
| PG                                   | SBS PG 70-22        | PG 64-22            | PG 64-22             |
| DESIGN AIR VOIDS                     | 4% @ NDES = 70      | 4% @ NDES = 70      | 4% @ NDES = 50 OR 70 |
| MIX COMPOSITION                      | IL 9.5              | IL 9.5              | ---                  |
| FRICTION AGG                         | MIX D               | MIX C               | MIX C                |
| MIXTURE WEIGHT                       | 112.0 LB/SQ YD/INCH | 112.0 LB/SQ YD/INCH | 112.0 LB/SQ YD/INCH  |
| QUALITY MANAGEMENT PROGRAM           | QC/QA               | QC/QA               | QC/QA                |
| SUBLOT SIZE                          | N/A                 | N/A                 | N/A                  |
| MATERIAL TRANSFER DEVICE (REQUIRED?) | NO                  | NO                  | NO                   |

| NO. | DESCRIPTION |
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**SMS** Sheppard, Morgan & Schwaab, Inc.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
215 Market Street, Alton, IL 62002 618.462.9755 E-mail: mail@smsengineers.com  
**ENGINEERS** DESIGN FIRM # 184-000992

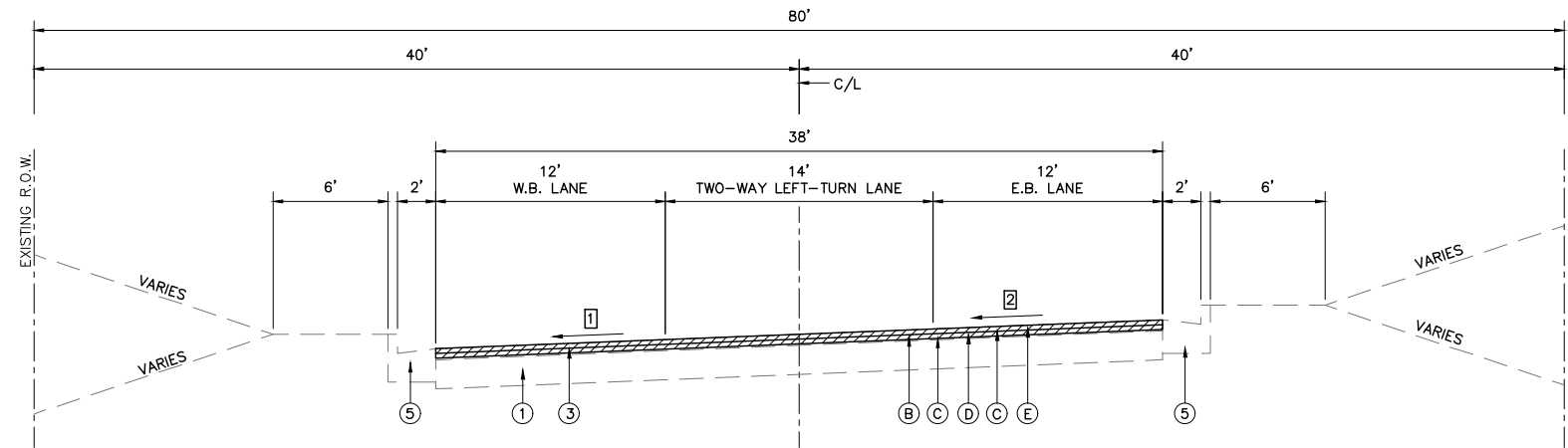
VILLAGE OF EAST ALTON, ILLINOIS  
SECTION 20-00038-01-RS  
WEST AIRLINE DRIVE  
TYPICAL SECTIONS

CONTRACT NO. 97822  
F.A.U. RTE. 8967  
AIRLINE DR TYP.DWG  
REF. BK. PG.  
JOB NO. 520719  
DSN. BY: DEG  
DWN. BY: CDP  
CHK. BY: DEG  
DATE: APRIL, 2023



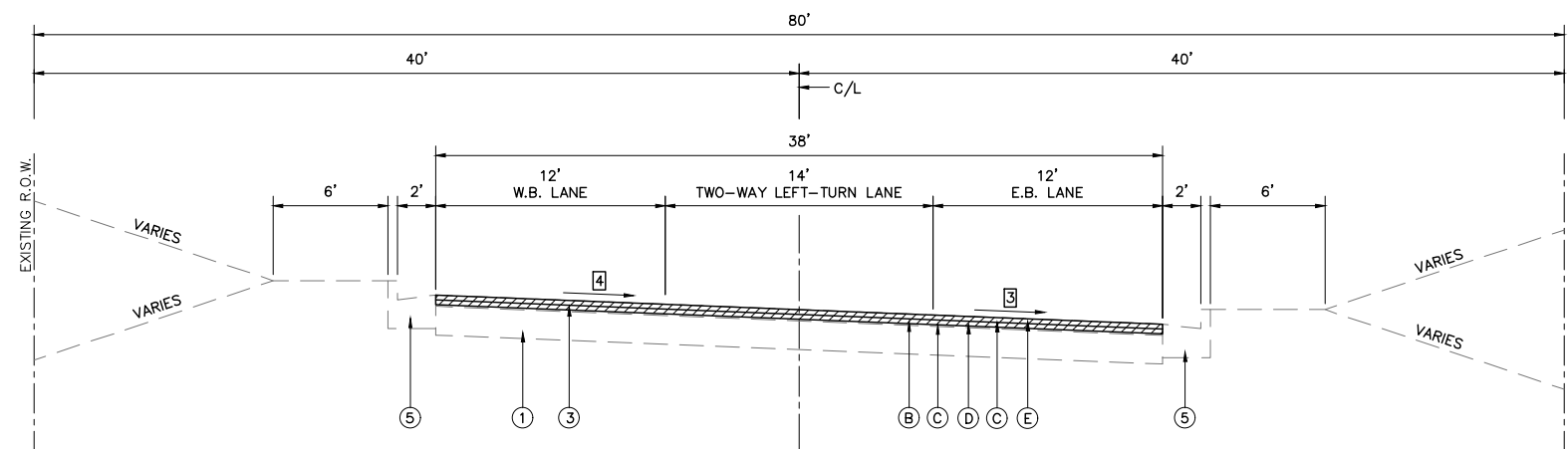
**TYPICAL SECTION  
WEST AIRLINE DRIVE**

STA. 26+80.00 TO STA. 27+61.00  
 STA. 35+69.00 TO STA. 36+06.00  
 STA. 45+15.00 TO STA. 50+37.00



**TYPICAL SECTION  
WEST AIRLINE DRIVE**

STA. 27+61.00 TO STA. 35+69.00



**TYPICAL SECTION  
WEST AIRLINE DRIVE**

STA. 36+06.00 TO STA. 45+15.00

**PAVING LEGEND**

- ① EXISTING CONCRETE / HMA BASE
- ② EXISTING HMA SURFACE, VARIES 1-1/2" TO 3-1/2"
- ③ EXISTING HMA SURFACE, 3-1/2"±
- ④ EXISTING CONC CURB TYPE B
- ⑤ EXISTING C.C.C. & G. TYPE B-6.24
- Ⓐ PROPOSED HMA SURFACE REMOVAL, 3" (ACTUAL DEPTH VARIES 1-1/2" TO 3") SHOWN AS [Hatched Box]
- Ⓑ PROPOSED HMA SURFACE REMOVAL, 3" SHOWN AS [Hatched Box]
- Ⓒ PROPOSED BITUMINOUS MATERIALS (TACK COAT) (SSI-VH)
- Ⓓ PROPOSED HMA BINDER COURSE, IL-9.5, N70, 1-1/2"
- Ⓔ PROPOSED POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"

**TYPICAL SECTION NOTES**

- ① MATCH EXISTING CROSS SLOPES  
 2% - 3.53% (STA. 27+61 - STA. 29+01)  
 3.53% (STA. 29+01 - STA. 34+29)  
 3.53% - 2% (STA. 34+29 - STA. 35+69)
- ② MATCH EXISTING CROSS SLOPES  
 2% - 1.44% (STA. 27+61 - STA. 29+01)  
 1.44% (STA. 29+01 - STA. 34+29)  
 1.44% - 2% (STA. 34+29 - STA. 35+69)
- ③ MATCH EXISTING CROSS SLOPES  
 2% - 3.65% (STA. 36+06 - STA. 37+46)  
 3.65% (STA. 37+46 - STA. 43+75)  
 3.65% - 2% (STA. 43+75 - STA. 45+15)
- ④ MATCH EXISTING CROSS SLOPES  
 2% - 1.13% (STA. 36+06 - STA. 37+46)  
 1.13% (STA. 37+46 - STA. 43+75)  
 1.13% - 2% (STA. 43+75 - STA. 45+15)

**MIX DESIGNS**

| LOCATION                             | ENTIRE JOB          |                     |                      |
|--------------------------------------|---------------------|---------------------|----------------------|
|                                      | POLY SURFACE        | BINDER              | INCIDENTAL           |
| PG                                   | SBS PG 70-22        | PG 64-22            | PG 64-22             |
| DESIGN AIR VOIDS                     | 4% @ NDES = 70      | 4% @ NDES = 70      | 4% @ NDES = 50 OR 70 |
| MIX COMPOSITION                      | IL 9.5              | IL 9.5              | ---                  |
| FRICTION AGG                         | MIX D               | MIX C               | MIX C                |
| MIXTURE WEIGHT                       | 112.0 LB/SQ YD/INCH | 112.0 LB/SQ YD/INCH | 112.0 LB/SQ YD/INCH  |
| QUALITY MANAGEMENT PROGRAM           | QC/QA               | QC/QA               | QC/QA                |
| SUBLOT SIZE                          | N/A                 | N/A                 | N/A                  |
| MATERIAL TRANSFER DEVICE (REQUIRED?) | NO                  | NO                  | NO                   |

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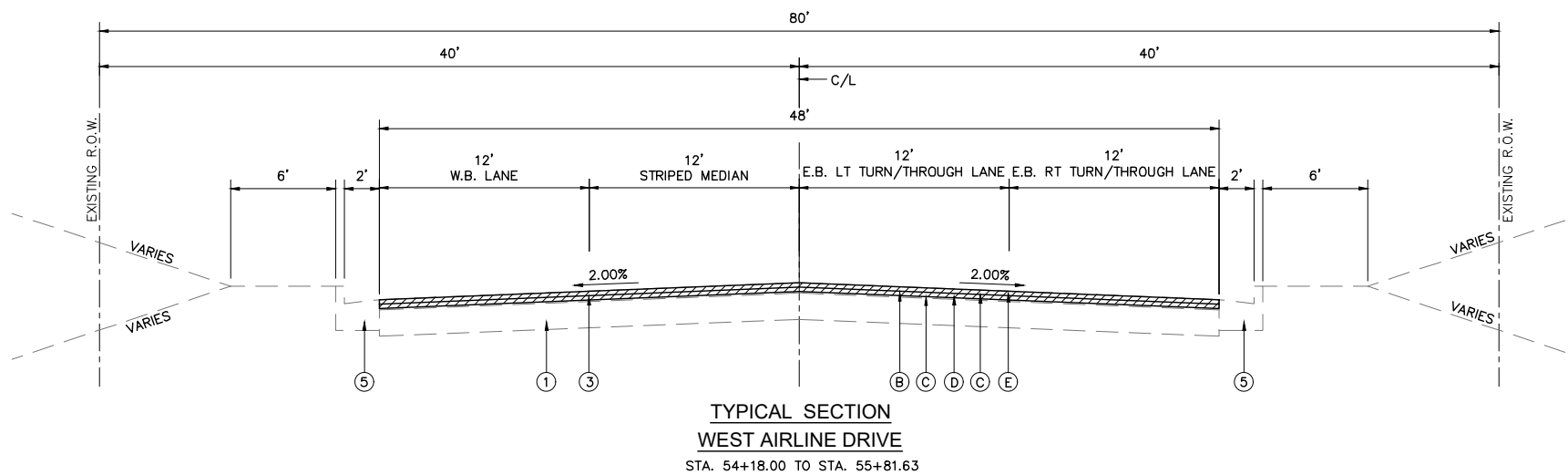
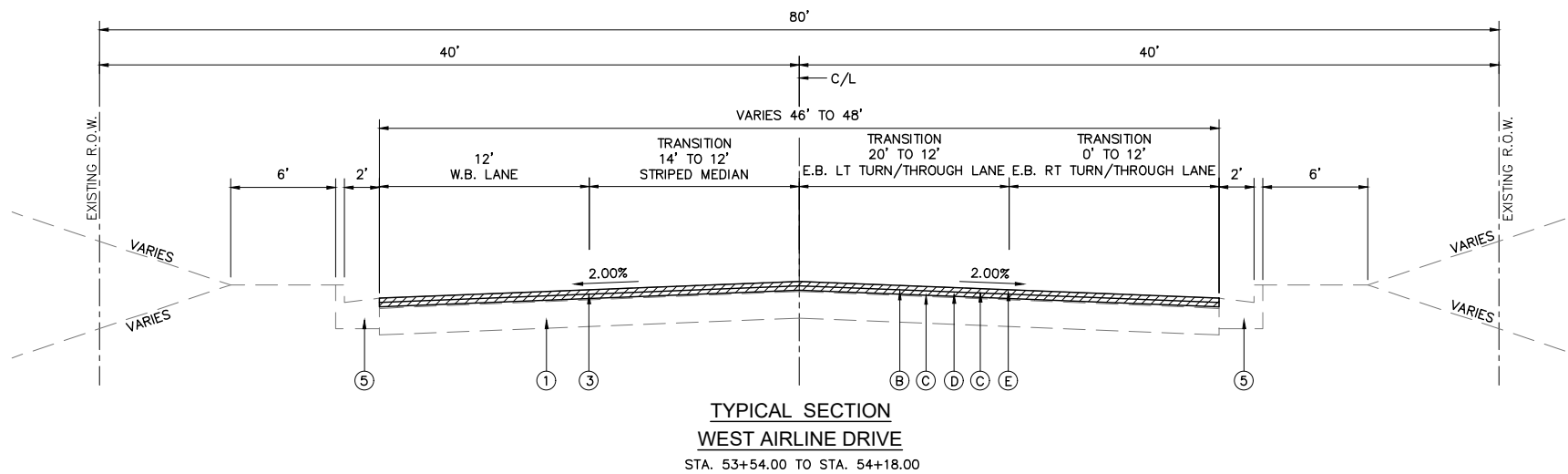
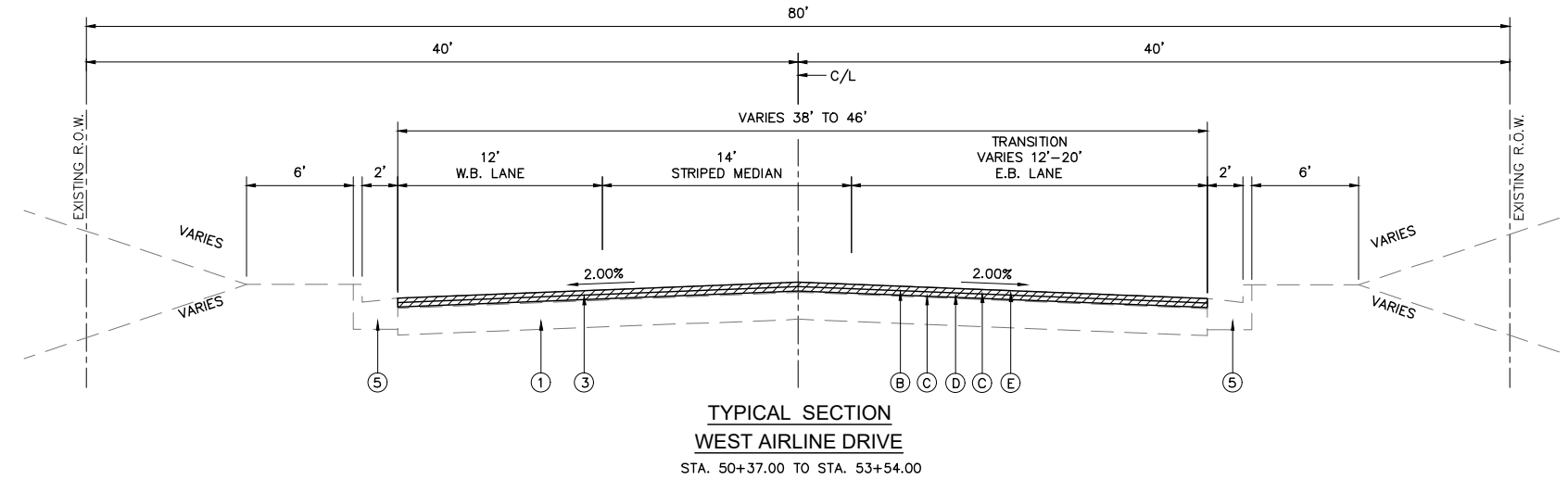
**SMS** Sheppard, Morgan & Schwab, Inc.  
 CONSULTING ENGINEERS AND LAND SURVEYORS  
 215 Market Street, Alton, IL 62002 618.462.9755 E-mail: mail@smsengineers.com  
**ENGINEERS** DESIGN FIRM # 184-000992

VILLAGE OF EAST ALTON, ILLINOIS  
 SECTION 20-00038-01-RS  
 WEST AIRLINE DRIVE  
 TYPICAL SECTIONS

CONTRACT NO. 97822  
 F.A.U. RTE. 8967  
 AIRLINE DR TYP.DWG  
 REF. BK. PG.  
 JOB NO. 520719  
 DSN. BY: DEG  
 DWN. BY: CDP  
 CHK. BY: DEG  
 DATE: APRIL, 2023  
 SCALE: N/A  
 SHEET 5 OF 24

**PAVING LEGEND**

- ① EXISTING CONCRETE / HMA BASE
- ② EXISTING HMA SURFACE, VARIES 1-1/2" TO 3-1/2"
- ③ EXISTING HMA SURFACE, 3-1/2"±
- ④ EXISTING CONC CURB TYPE B
- ⑤ EXISTING C.C.C. & G. TYPE B-6.24
- (A) PROPOSED HMA SURFACE REMOVAL, 3" (ACTUAL DEPTH VARIES 1-1/2" TO 3") SHOWN AS
- (B) PROPOSED HMA SURFACE REMOVAL, 3" SHOWN AS
- (C) PROPOSED BITUMINOUS MATERIALS (TACK COAT) (SSI-VH)
- (D) PROPOSED HMA BINDER COURSE, IL-9.5, N70, 1-1/2"
- (E) PROPOSED POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"



**TYPICAL SECTION NOTES**

- ① MATCH EXISTING CROSS SLOPES  
2% - 3.53% (STA. 27+61 - STA. 29+01)  
3.53% (STA. 29+01 - STA. 34+29)  
3.53% - 2% (STA. 34+29 - STA. 35+69)
- ② MATCH EXISTING CROSS SLOPES  
2% - 1.44% (STA. 27+61 - STA. 29+01)  
1.44% (STA. 29+01 - STA. 34+29)  
1.44% - 2% (STA. 34+29 - STA. 35+69)
- ③ MATCH EXISTING CROSS SLOPES  
2% - 3.65% (STA. 36+06 - STA. 37+46)  
3.65% (STA. 37+46 - STA. 43+75)  
3.65% - 2% (STA. 43+75 - STA. 45+15)
- ④ MATCH EXISTING CROSS SLOPES  
2% - 1.13% (STA. 36+06 - STA. 37+46)  
1.13% (STA. 37+46 - STA. 43+75)  
1.13% - 2% (STA. 43+75 - STA. 45+15)

**MIX DESIGNS**

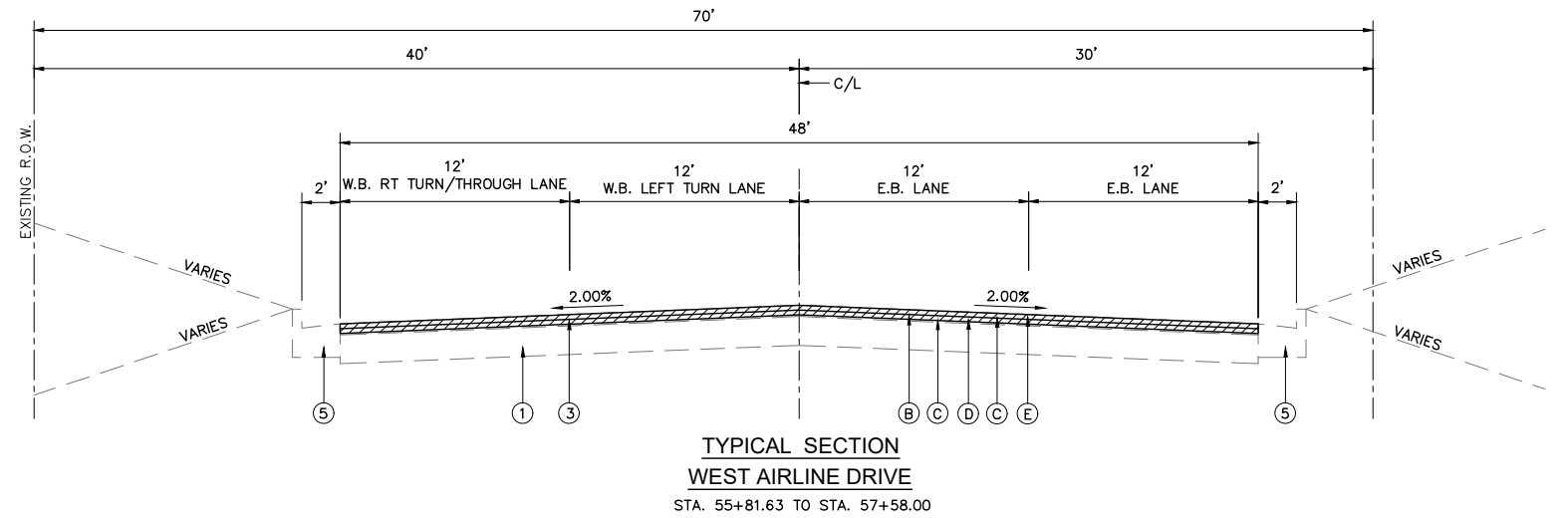
| LOCATION                             | ENTIRE JOB          |                     |                      |
|--------------------------------------|---------------------|---------------------|----------------------|
|                                      | POLY SURFACE        | BINDER              | INCIDENTAL           |
| MIXTURE USE                          | SBS PG 70-22        | PG 64-22            | PG 64-22             |
| PG                                   | SBS PG 70-22        | PG 64-22            | PG 64-22             |
| DESIGN AIR VOIDS                     | 4% @ NDES = 70      | 4% @ NDES = 70      | 4% @ NDES = 50 OR 70 |
| MIX COMPOSITION                      | IL 9.5              | IL 9.5              | ---                  |
| FRICTION AGG                         | MIX D               | MIX C               | MIX C                |
| MIXTURE WEIGHT                       | 112.0 LB/SQ YD/INCH | 112.0 LB/SQ YD/INCH | 112.0 LB/SQ YD/INCH  |
| QUALITY MANAGEMENT PROGRAM           | QC/QA               | QC/QA               | QC/QA                |
| SUBLOT SIZE                          | N/A                 | N/A                 | N/A                  |
| MATERIAL TRANSFER DEVICE (REQUIRED?) | NO                  | NO                  | NO                   |

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| REVISIONS |  |
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**SMS** Sheppard, Morgan & Schwaab, Inc.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
215 Market Street, Alton, IL 62002 618.462.9755 E-mail: mail@smsengineers.com  
**ENGINEERS** DESIGN FIRM # 184-000992

VILLAGE OF EAST ALTON, ILLINOIS  
SECTION 20-00038-01-RS  
WEST AIRLINE DRIVE  
TYPICAL SECTIONS

|                    |             |
|--------------------|-------------|
| CONTRACT NO.       | 97822       |
| F.A.U. RTE.        | 8967        |
| AIRLINE DR TYP.DWG |             |
| REF. BK.           | PG.         |
| JOB NO.            | 520719      |
| DSN. BY:           | DEG         |
| DWN. BY:           | CDP         |
| CHK. BY:           | DEG         |
| DATE:              | APRIL, 2023 |



**PAVING LEGEND**

- ① EXISTING CONCRETE / HMA BASE
- ② EXISTING HMA SURFACE, VARIES 1-1/2" TO 3-1/2"
- ③ EXISTING HMA SURFACE, 3-1/2"±
- ④ EXISTING CONC CURB TYPE B
- ⑤ EXISTING C.C.C. & G. TYPE B-6.24
- Ⓐ PROPOSED HMA SURFACE REMOVAL, 3" (ACTUAL DEPTH VARIES 1-1/2" TO 3") SHOWN AS
- Ⓑ PROPOSED HMA SURFACE REMOVAL, 3" SHOWN AS
- Ⓒ PROPOSED BITUMINOUS MATERIALS (TACK COAT) (SSI-VH)
- Ⓓ PROPOSED HMA BINDER COURSE, IL-9.5, N70, 1-1/2"
- Ⓔ PROPOSED POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"

**TYPICAL SECTION NOTES**

- ① MATCH EXISTING CROSS SLOPES  
2% - 3.53% (STA. 27+61 - STA. 29+01)  
3.53% (STA. 29+01 - STA. 34+29)  
3.53% - 2% (STA. 34+29 - STA. 35+69)
- ② MATCH EXISTING CROSS SLOPES  
2% - 1.44% (STA. 27+61 - STA. 29+01)  
1.44% (STA. 29+01 - STA. 34+29)  
1.44% - 2% (STA. 34+29 - STA. 35+69)
- ③ MATCH EXISTING CROSS SLOPES  
2% - 3.65% (STA. 36+06 - STA. 37+46)  
3.65% (STA. 37+46 - STA. 43+75)  
3.65% - 2% (STA. 43+75 - STA. 45+15)
- ④ MATCH EXISTING CROSS SLOPES  
2% - 1.13% (STA. 36+06 - STA. 37+46)  
1.13% (STA. 37+46 - STA. 43+75)  
1.13% - 2% (STA. 43+75 - STA. 45+15)

**MIX DESIGNS**

| LOCATION                             | ENTIRE JOB          |                     |                      |
|--------------------------------------|---------------------|---------------------|----------------------|
|                                      | POLY SURFACE        | BINDER              | INCIDENTAL           |
| PG                                   | SBS PG 70-22        | PG 64-22            | PG 64-22             |
| DESIGN AIR VOIDS                     | 4% @ NDES = 70      | 4% @ NDES = 70      | 4% @ NDES = 50 OR 70 |
| MIX COMPOSITION                      | IL 9.5              | IL 9.5              | ----                 |
| FRICTION AGG                         | MIX D               | MIX C               | MIX C                |
| MIXTURE WEIGHT                       | 112.0 LB/SQ YD/INCH | 112.0 LB/SQ YD/INCH | 112.0 LB/SQ YD/INCH  |
| QUALITY MANAGEMENT PROGRAM           | QC/QA               | QC/QA               | QC/QA                |
| SUBLOT SIZE                          | N/A                 | N/A                 | N/A                  |
| MATERIAL TRANSFER DEVICE (REQUIRED?) | NO                  | NO                  | NO                   |

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**SMS** Sheppard, Morgan & Schwaab, Inc.  
CONSULTING ENGINEERS AND LAND SURVEYORS  
215 Market Street, Alton, IL 62002 618.462.9755 Email: mail@smsengineers.com  
**ENGINEERS** DESIGN FIRM # 184-000992

VILLAGE OF EAST ALTON, ILLINOIS  
SECTION 20-00038-01-RS  
WEST AIRLINE DRIVE  
TYPICAL SECTIONS

|                    |             |
|--------------------|-------------|
| CONTRACT NO.       | 97822       |
| F.A.U. RTE.        | 8967        |
| AIRLINE DR TYP.DWG |             |
| REF. BK.           | PG.         |
| JOB NO.            | 520719      |
| DSN. BY:           | DEG         |
| DWN. BY:           | CDP         |
| CHK. BY:           | DEG         |
| DATE:              | APRIL, 2023 |
| SCALE:             | N/A         |
| SHEET              | 7 OF 24     |

PAVEMENT PATCHING SCHEDULE

| STATION TO STATION  | LANE  | LENGTH (FEET) | WIDTH (FEET) | PAVEMENT PATCHING, 12 INCH (SQ. YD.) |           |           | COMMENTS  |
|---------------------|-------|---------------|--------------|--------------------------------------|-----------|-----------|-----------|
|                     |       |               |              | TYPE I                               | TYPE II   | TYPE IV   |           |
| <b>STATE STREET</b> |       |               |              |                                      |           |           |           |
| 21+65               | 21+96 | EB IN         | 31           | 11                                   |           |           | 37.9      |
| 22+20               | 22+44 | EB IN         | 24           | 11                                   |           |           | 29.3      |
| 22+20               | 22+44 | EB            | 24           | 11                                   |           |           | 29.3      |
| 22+25               | 22+35 | WB IN         | 10           | 11                                   |           | 12.2      |           |
| 22+65               | 22+73 | WB            | 8            | 4                                    | 3.6       |           |           |
| 25+90               | 26+00 | WB            | 10           | 5                                    |           | 5.6       |           |
| 27+35               | 27+50 | WB            | 15           | 6                                    |           | 10.0      |           |
| 34+00               | 34+10 | WB            | 10           | 4                                    | 4.4       |           |           |
| 37+75               | 37+84 | WB            | 9            | 4                                    | 4.0       |           |           |
| 48+65               | 48+83 | EB            | 18           | 4                                    |           | 8.0       |           |
| 48+95               | 49+00 | EB            | 5            | 4                                    | 2.2       |           |           |
| <b>TOTALS</b>       |       |               |              |                                      | <b>14</b> | <b>36</b> | <b>97</b> |

EB Denotes East Bound Lane  
 EB IN Denotes Inner East Bound Lane  
 WB Denotes West Bound Lane  
 WB IN Denotes Inner West Bound Lane

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**SMS ENGINEERS**  
 Sheppard, Morgan & Schwaab, Inc.  
 CONSULTING ENGINEERS AND LAND SURVEYORS  
 215 Market Street, Alton, IL 62002 618.462.9755 Email: mail@smsengineers.com  
 DESIGN FIRM # 184-000992

VILLAGE OF EAST ALTON, ILLINOIS  
 SECTION 20-00038-01-RS  
 WEST AIRLINE DRIVE  
 SCHEDULES

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|--------------|-------------|
| CONTRACT NO. | 97822       |
| F.A.U. RTE.  | 8967        |
| REF. BK.     | PG.         |
| JOB NO.      | 520719      |
| DSN. BY:     | DEG         |
| DWN. BY:     | CDP         |
| CHK. BY:     | DEG         |
| DATE:        | APRIL, 2023 |
| SCALE:       | N/A         |
| SHEET        | 8 OF 24     |





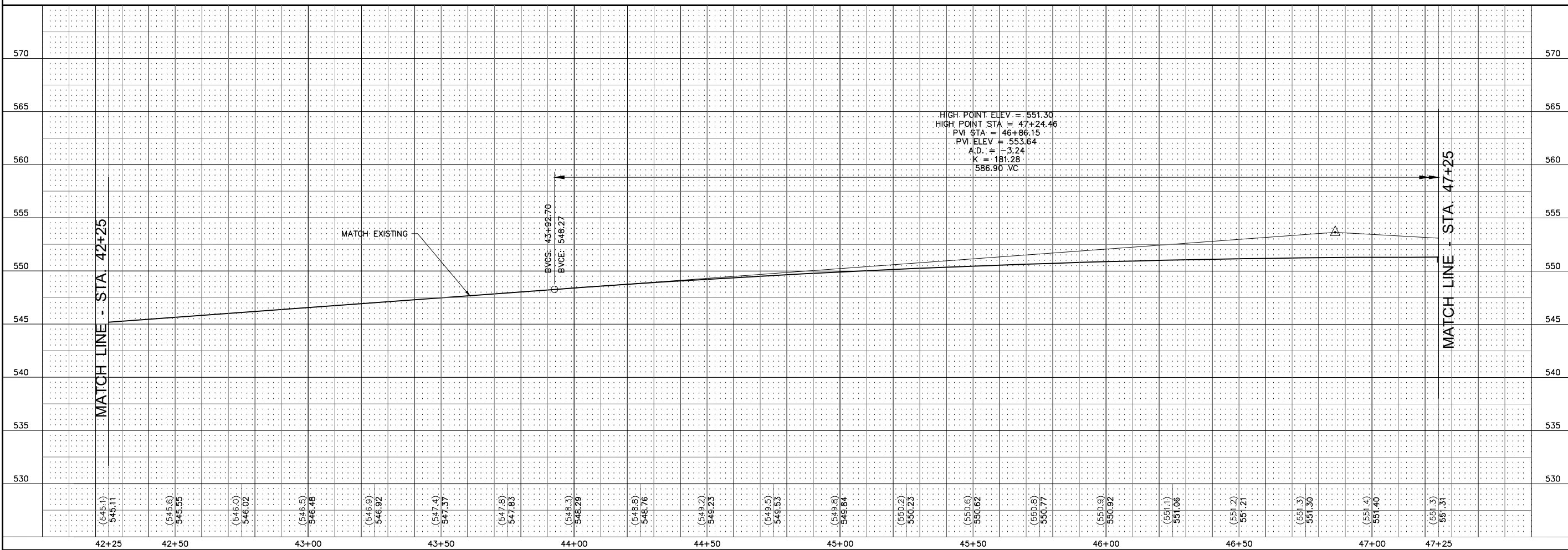
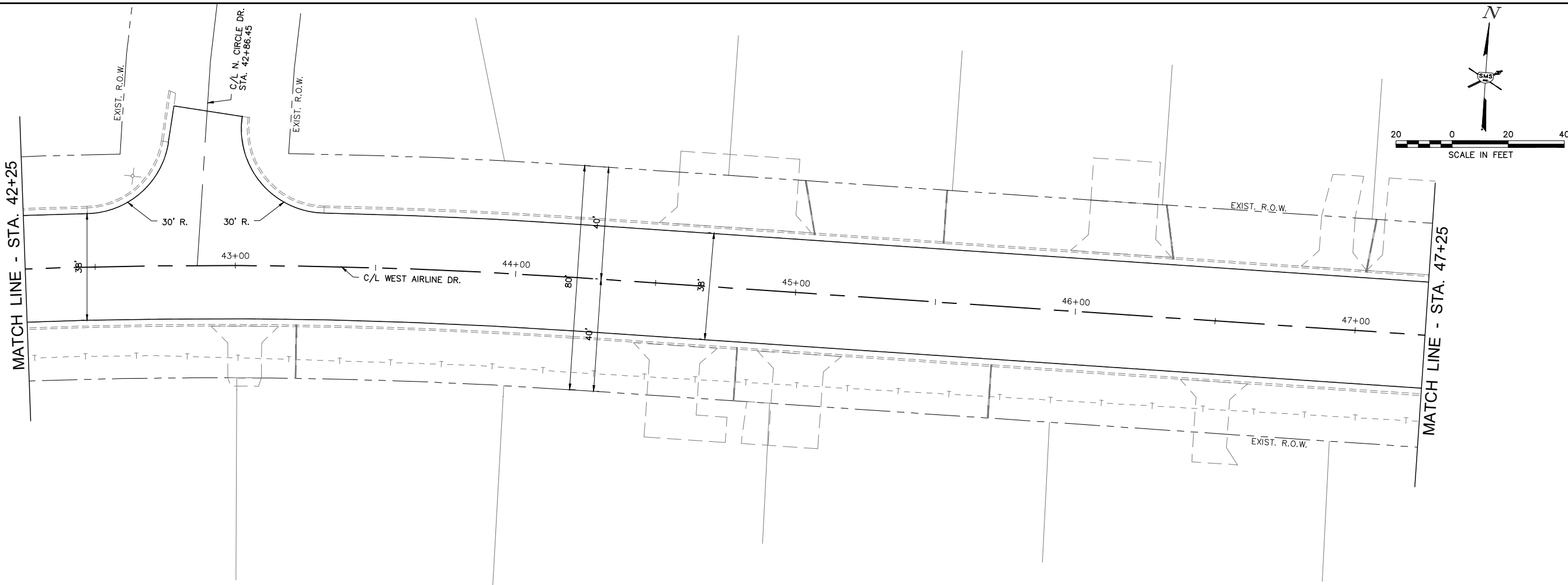










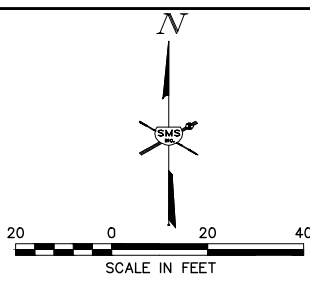
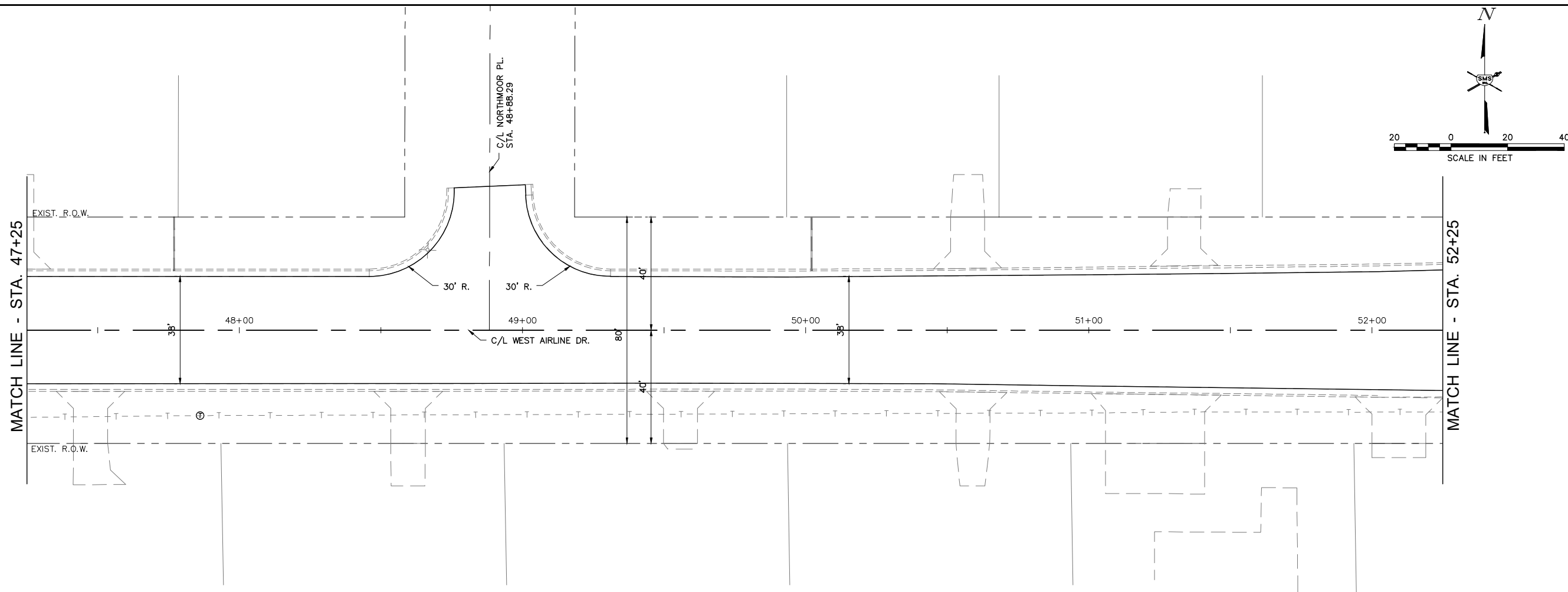


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 215 Market Street, Alton, IL 62002 618.462.9755 E-mail: mail@smsengineers.com  
 DESIGN FIRM # 184-000992

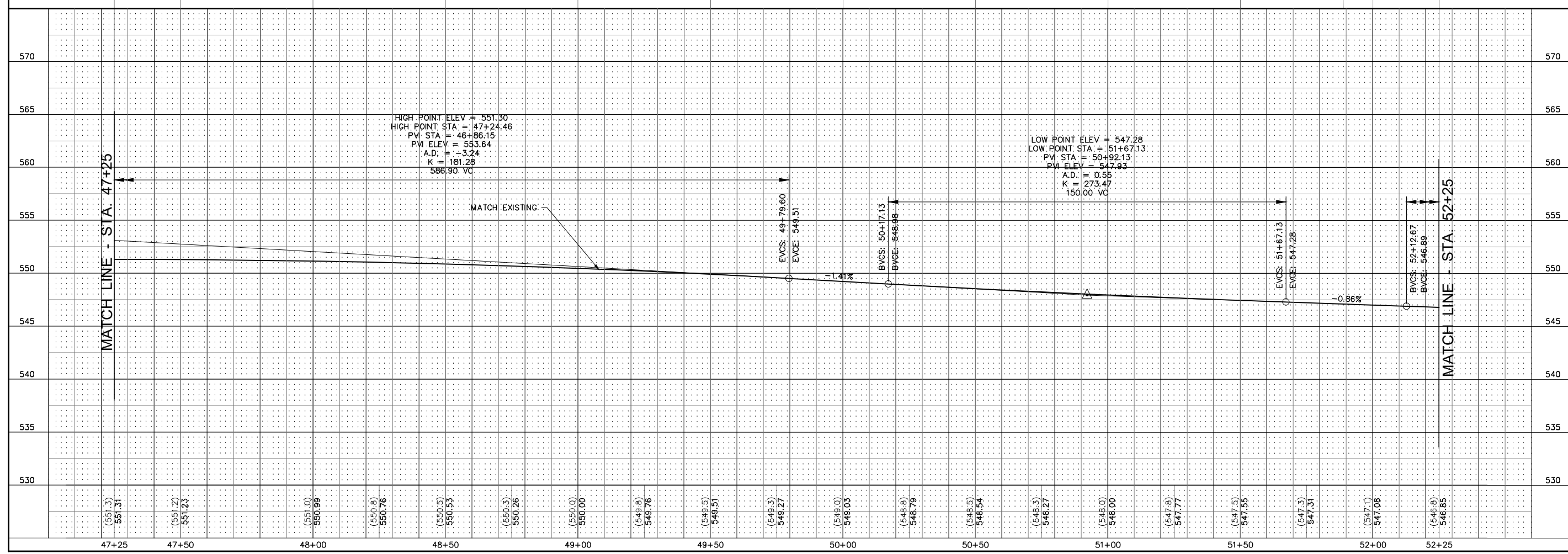
VILLAGE OF EAST ALTON, ILLINOIS  
 SECTION 20-00038-01-RS  
 WEST AIRLINE DRIVE  
 PLAN AND PROFILE

CONTRACT NO. 97822  
 F.A.U. RTE. 8967  
 REF. BK. PG.  
 JOB NO. 520719  
 DSN. BY: DEG  
 DWN. BY: CDP  
 CHK. BY: DEG  
 DATE: APRIL, 2023  
 SCALE:  
 SHEET 14 OF 24



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VILLAGE OF EAST ALTON, ILLINOIS  
 SECTION 20-00038-01-RS  
 WEST AIRLINE DRIVE  
 PLAN AND PROFILE

|              |             |
|--------------|-------------|
| CONTRACT NO. | 97822       |
| F.A.U. RTE.  | 8967        |
| REF. BK.     | PG.         |
| JOB NO.      | 520719      |
| DSN. BY:     | DEG         |
| DWN. BY:     | CDP         |
| CHK. BY:     | DEG         |
| DATE:        | APRIL, 2023 |
| SCALE:       |             |
| SHEET        | 15 OF 24    |

MATCH LINE - STA. 52+25

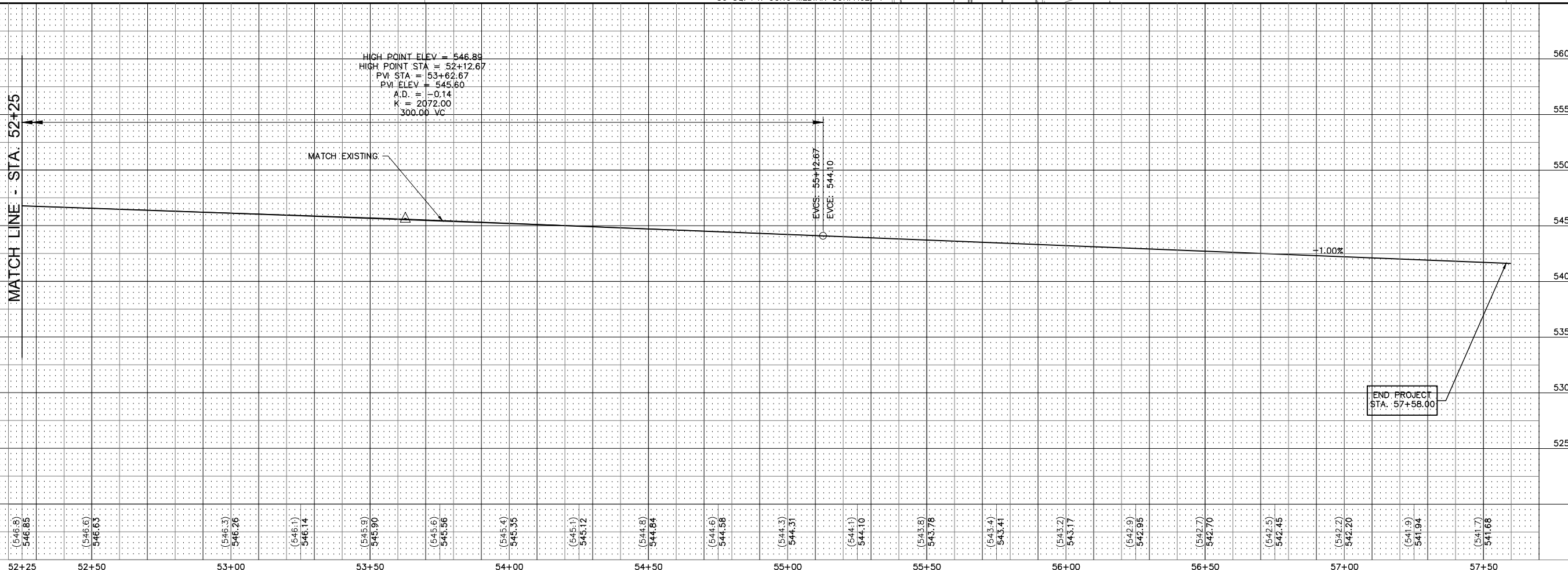
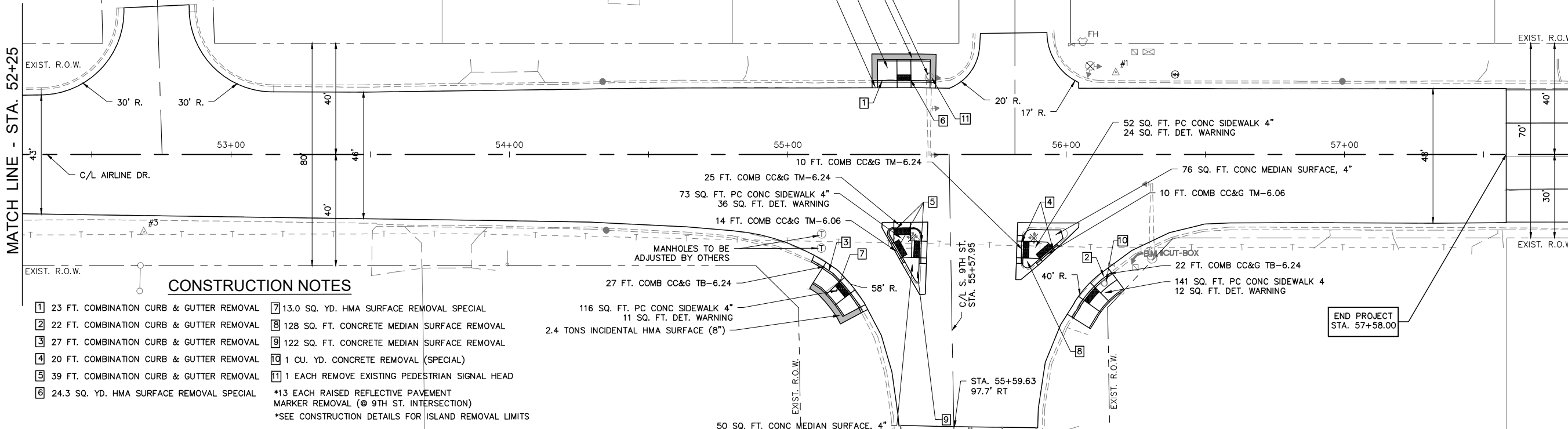
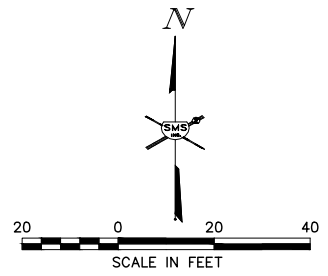
EXIST. R.O.W.

- 1 23 FT. COMBINATION CURB & GUTTER REMOVAL
- 2 22 FT. COMBINATION CURB & GUTTER REMOVAL
- 3 27 FT. COMBINATION CURB & GUTTER REMOVAL
- 4 20 FT. COMBINATION CURB & GUTTER REMOVAL
- 5 39 FT. COMBINATION CURB & GUTTER REMOVAL
- 6 24.3 SQ. YD. HMA SURFACE REMOVAL SPECIAL
- 7 13.0 SQ. YD. HMA SURFACE REMOVAL SPECIAL
- 8 128 SQ. FT. CONCRETE MEDIAN SURFACE REMOVAL
- 9 122 SQ. FT. CONCRETE MEDIAN SURFACE REMOVAL
- 10 1 CU. YD. CONCRETE REMOVAL (SPECIAL)
- 11 1 EACH REMOVE EXISTING PEDESTRIAN SIGNAL HEAD

**CONSTRUCTION NOTES**

- \*13 EACH RAISED REFLECTIVE PAVEMENT MARKER REMOVAL (@ 9TH ST. INTERSECTION)
- \*SEE CONSTRUCTION DETAILS FOR ISLAND REMOVAL LIMITS

- 1 EACH PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
- 3.8 TONS INCIDENTAL HMA SURFACE (8")
- 218 SQ. FT. PC CONC SIDEWALK 4" 10 SQ. FT. DET. WARNING
- 23 FT. COMB CC&G TB-6.24



|         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |  |  |
|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|--|--|
| (546.8) | 546.85 | (546.6) | 546.63 | (546.3) | 546.26 | (546.1) | 546.14 | (545.9) | 545.90 | (545.6) | 545.56 | (545.4) | 545.35 | (545.1) | 545.12 | (544.8) | 544.84 | (544.6) | 544.58 | (544.3) | 544.31 | (544.1) | 544.10 | (543.8) | 543.78 | (543.4) | 543.41 | (543.2) | 543.17 | (542.9) | 542.95 | (542.7) | 542.70 | (542.5) | 542.45 | (542.2) | 542.20 | (541.9) | 541.94 | (541.7) | 541.68 |  |  |
| 52+25   | 52+50  | 53+00   | 53+50  | 54+00   | 54+50  | 55+00   | 55+50  | 56+00   | 56+50  | 57+00   | 57+50  |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |  |  |

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 215 Market Street, Alton, IL 62002 618.462.9755 E-mail: mail@smsengineers.com  
 DESIGN FIRM # 184-000992

VILLAGE OF EAST ALTON, ILLINOIS  
 SECTION 20-00038-01-RS  
 WEST AIRLINE DRIVE  
 PLAN AND PROFILE









CONTRACT NO. 97822  
 F.A.U. RTE. 8967

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| DSN. BY: | DEG         |
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| CHK. BY: | DEG         |
| DATE:    | APRIL, 2023 |

SCALE:  
 SHEET 16 OF 24

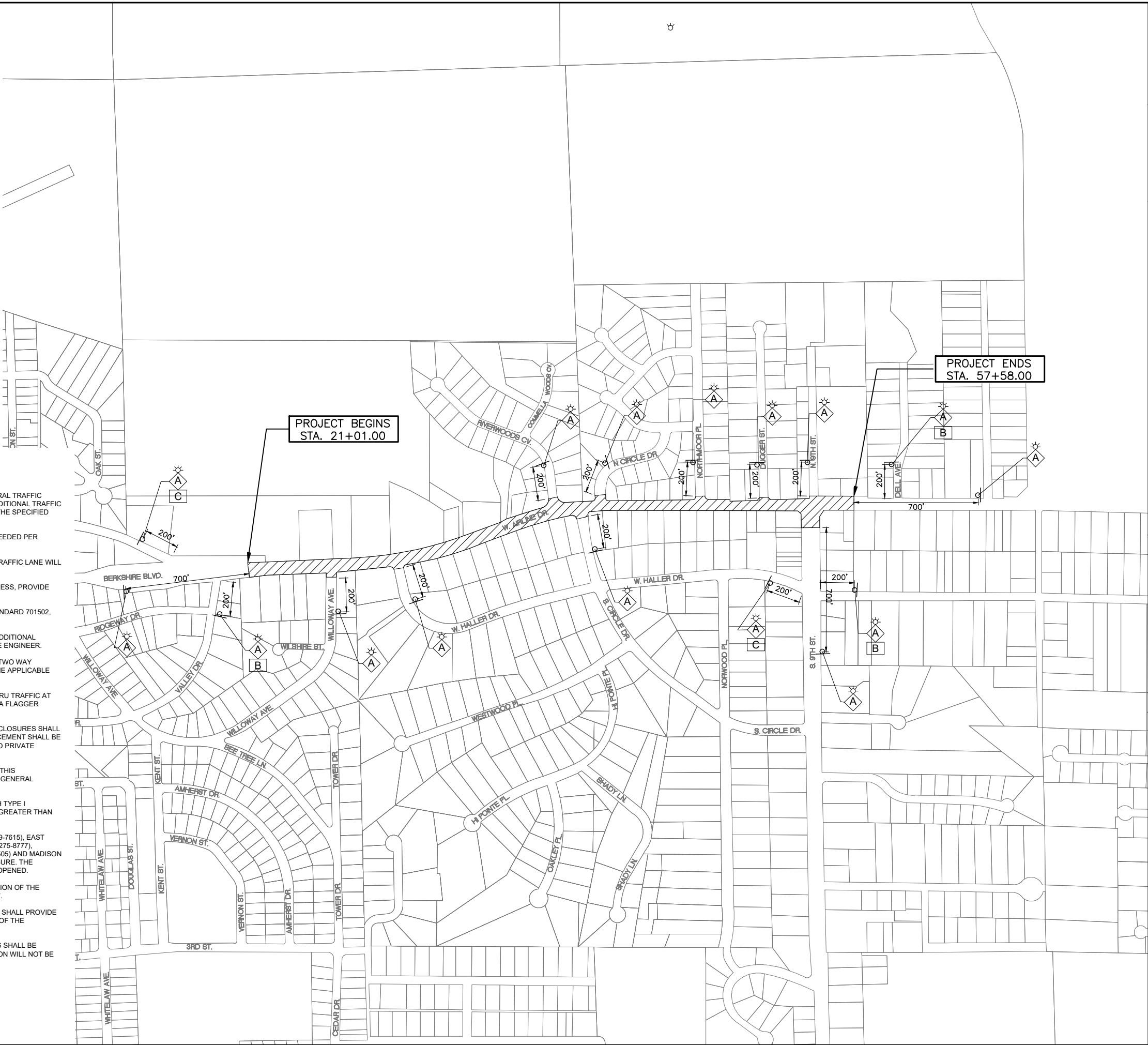


**TRAFFIC CONTROL LEGEND**

-  WORK AREA
-  TYPE III BARRICADE WITH REFLECTORIZED STRIPING ON BOTH SIDES WITH FLASHING LIGHTS
-  CONE, DRUM OR BARRICADE
-  SIGN "ROAD CONSTRUCTION AHEAD" W20-1(0) - 48" x 48" WITH MONODIRECTIONAL FLASHING LIGHT
-  SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18" 
-  SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18" 

**TRAFFIC CONTROL NOTES**

1. THE CONTRACTOR SHALL PROVIDE THE TRAFFIC CONTROL SHOWN ON THE GENERAL TRAFFIC CONTROL PLAN AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT. ADDITIONAL TRAFFIC CONTROL SHALL BE PROVIDED AS SPECIFIED BELOW AND IN ACCORDANCE WITH THE SPECIFIED HIGHWAY STANDARDS.
2. AT TIMES WHEN ALL TRAFFIC LANES ARE OPEN, PROVIDE TRAFFIC CONTROL AS NEEDED PER HIGHWAY STANDARD 701006 AND 701011.
3. WEST AIRLINE DRIVE SHALL REMAIN OPEN TO THRU TRAFFIC AT ALL TIMES. ONE TRAFFIC LANE WILL BE ALLOWED TO BE CLOSED AS NEEDED AND AS DESCRIBED BELOW.
  - A. FOR SPOT LOCATIONS THAT ARE LESS THAN 1 BLOCK LONG AND FOR 1 HOUR OR LESS, PROVIDE TRAFFIC CONTROL PER HIGHWAY STANDARD 701301.
  - B. WHEN A TRAFFIC LANE IS CLOSED PROVIDE TRAFFIC CONTROL PER HIGHWAY STANDARD 701502, 701606, AND 701611.
  - C. DURING PAVEMENT PATCHING OPERATIONS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL CONES, DRUMS, OR BARRICADES TO PROTECT EACH PATCH AS DIRECTED BY THE ENGINEER.
4. SIDE STREETS WHERE ALTERNATE ROUTES EXIST, MAY EITHER REMAIN OPEN TO TWO WAY TRAFFIC OR MAY BE CLOSED PROVIDING PROPER SIGNS AND BARRICADES PER THE APPLICABLE HIGHWAY STANDARD.
5. SIDE STREETS WHERE NO ALTERNATE ROUTES EXIST, SHALL REMAIN OPEN TO THRU TRAFFIC AT ALL TIMES. ONE TRAFFIC LANE WILL BE ALLOWED TO BE CLOSED AS NEEDED AND A FLAGGER SHALL BE PROVIDED.
6. FOR SIDEWALK REMOVAL AND REPLACEMENT, TRAFFIC CONTROL FOR SIDEWALK CLOSURES SHALL BE PROVIDED PER HIGHWAY STANDARD 701801. SIDEWALK REMOVAL AND REPLACEMENT SHALL BE SEQUENCED AS MUCH AS POSSIBLE TO ALWAYS ALLOW AN ACCESSIBLE ROUTE TO PRIVATE PROPERTY AND BUSINESSES.
7. WHERE A HIGHWAY STANDARD REQUIRES A "ROAD CONSTRUCTION AHEAD" SIGN, THIS REQUIREMENT WILL BE CONSIDERED FULFILLED BY THE SIGNS REQUIRED ON THE GENERAL TRAFFIC CONTROL PLAN.
8. ALL HAZARDS WITHIN WORK ZONES OPEN TO TRAFFIC SHALL BE PROTECTED WITH TYPE I BARRICADES OR DRUMS WITH FLASHING LIGHTS IF LESS THAN 100' IN LENGTH. IF GREATER THAN 100' IN LENGTH, LIGHTS SHALL BE STEADY BURN.
9. CONTRACTOR SHALL NOTIFY THE VILLAGE OF EAST ALTON PUBLIC WORKS (618-259-7615), EAST ALTON SCHOOL DISTRICT #13 (618-433-2051), U.S. POST OFFICE - EAST ALTON (618-275-8777), VILLAGE OF EAST ALTON FIRE (618-259-2984) AND POLICE DEPARTMENT (618-463-3505) AND MADISON COUNTY TRANSIT (618-259-6212) AT LEAST ONE WEEK PRIOR TO ANY STREET CLOSURE. THE CONTRACTOR SHALL ALSO NOTIFY THESE AGENCIES THE DAY THE STREET IS RE-OPENED.
10. ALL CONSTRUCTION SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
11. IF THE CONTRACTOR WISHES TO DEVIATE FROM THIS TRAFFIC CONTROL PLAN, HE SHALL PROVIDE A REVISED TRAFFIC CONTROL PLAN IN WRITING FOR THE REVIEW AND APPROVAL OF THE ENGINEER.
12. DURING CONSTRUCTION, ALL OPEN EXCAVATIONS DUE TO PATCHING OPERATIONS SHALL BE FILLED WITH HOT-MIX ASPHALT BY THE END OF EACH WORK DAY. OPEN EXCAVATION WILL NOT BE ALLOWED TO REMAIN OVERNIGHT.



REVISIONS

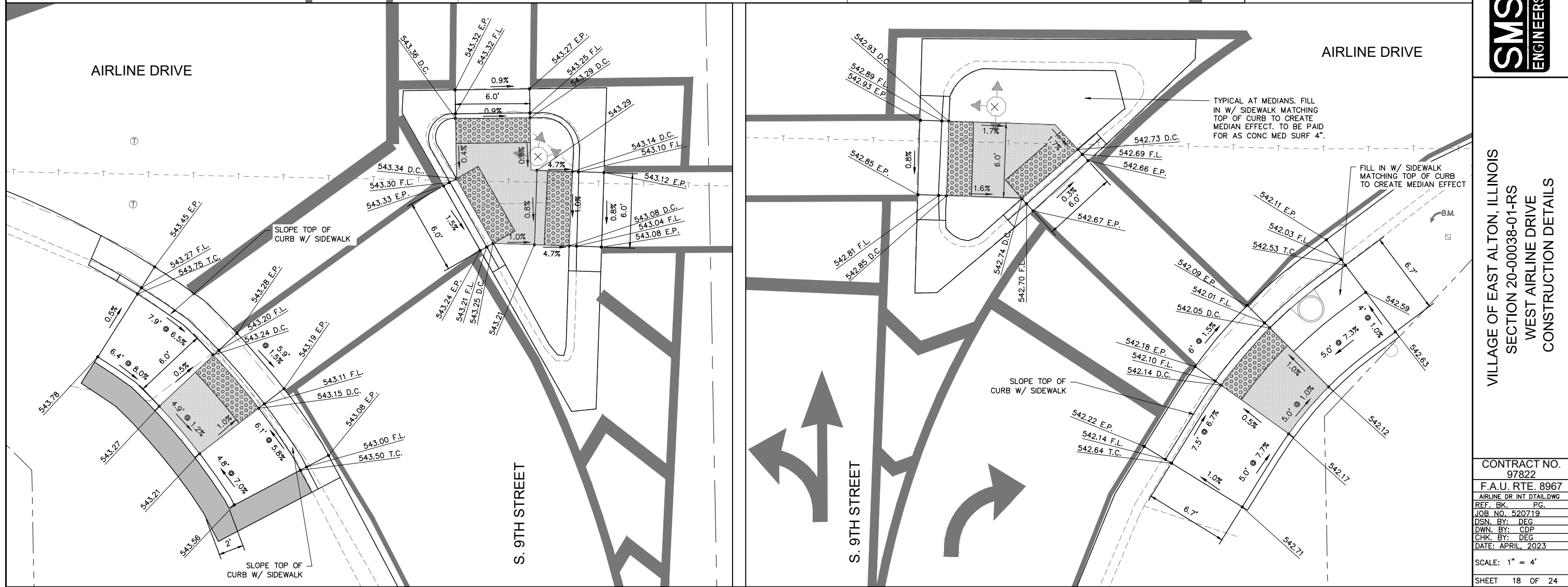
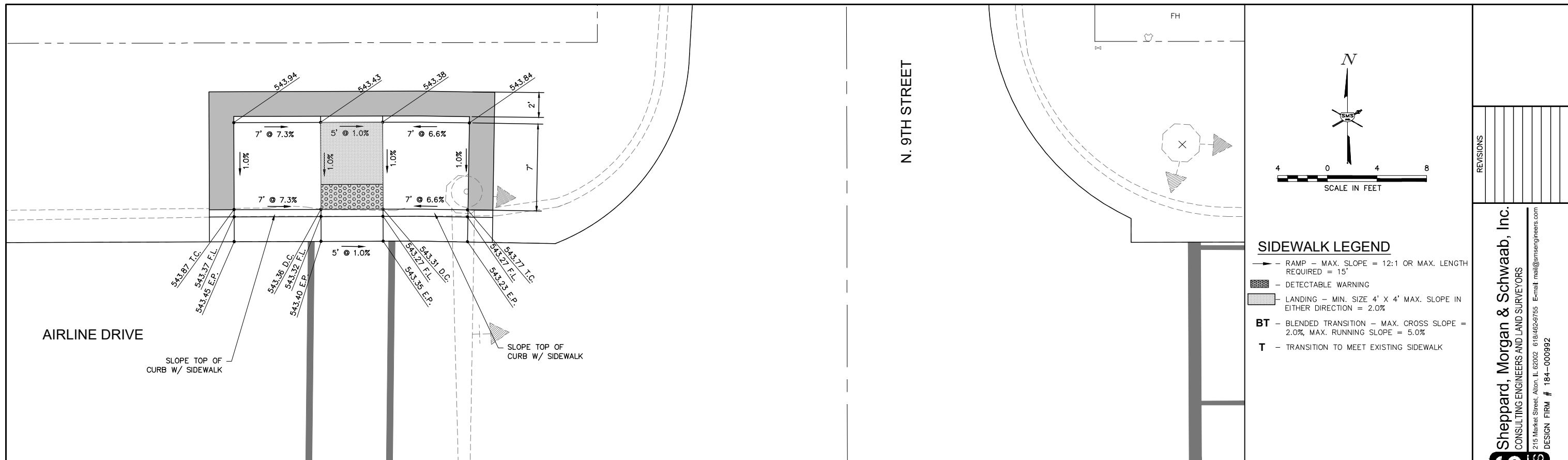
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**ENGINEERS** DESIGN FIRM # 184-000992

VILLAGE OF EAST ALTON, ILLINOIS  
 SECTION 20-00038-01-RS  
 WEST AIRLINE DRIVE  
 TRAFFIC CONTROL PLAN

CONTRACT NO. 97822  
 F.A.U. RTE. 8967

|                   |     |
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| REF. BK.          | PG. |
| JOB NO. 520719    |     |
| DSN. BY: DEG      |     |
| DWN. BY: CDP      |     |
| CHK. BY: DEG      |     |
| DATE: APRIL, 2023 |     |
| SCALE: 1" = 300'  |     |
| SHEET 17 OF 24    |     |



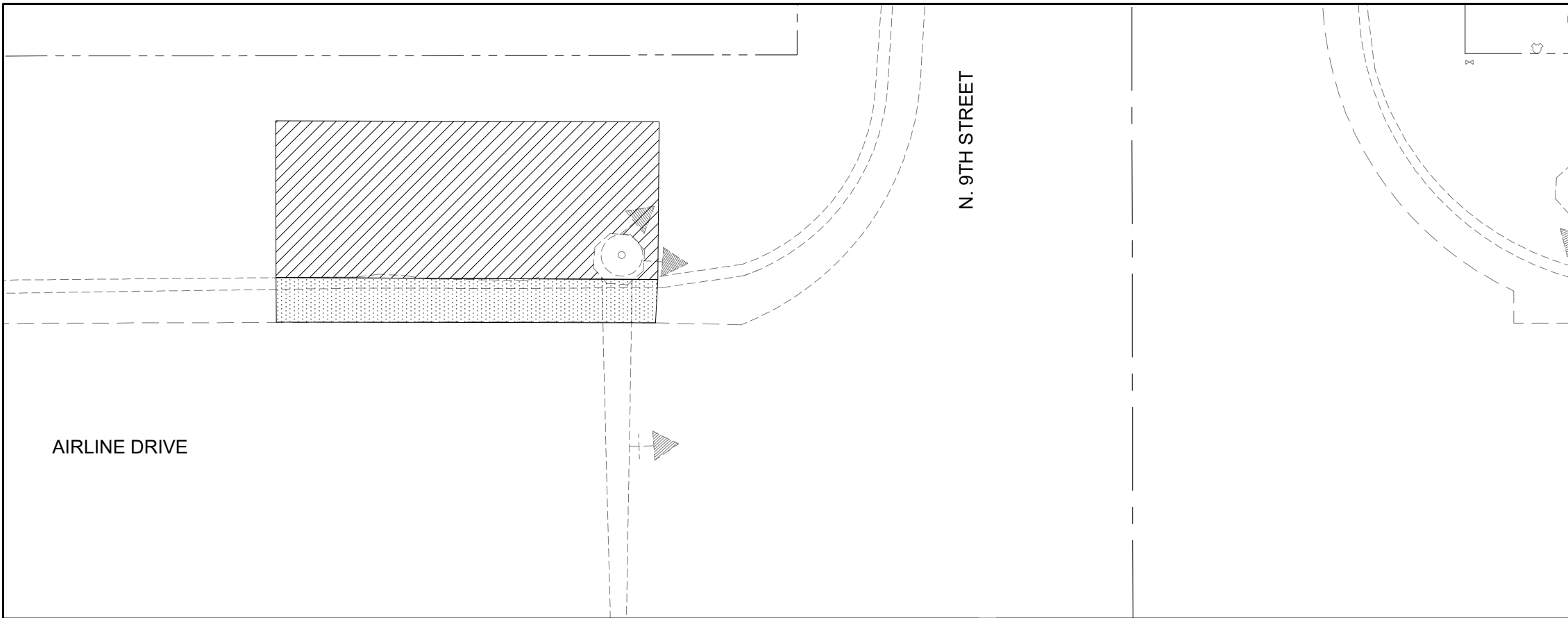
REVISIONS

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
VILLAGE OF EAST ALTON, ILLINOIS  
 SECTION 20-00038-01-RS  
 WEST AIRLINE DRIVE  
 CONSTRUCTION DETAILS

CONTRACT NO. 97822  
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 AIRLINE DR INT DTAIL.DWG  
 REF. BK. PG.  
 JOB NO. 520719  
 DSN. BY: DEG  
 DWN. BY: CDP  
 CHK. BY: DEG  
 DATE: APRIL, 2023  
 SCALE: 1" = 4'  
 SHEET 18 OF 24



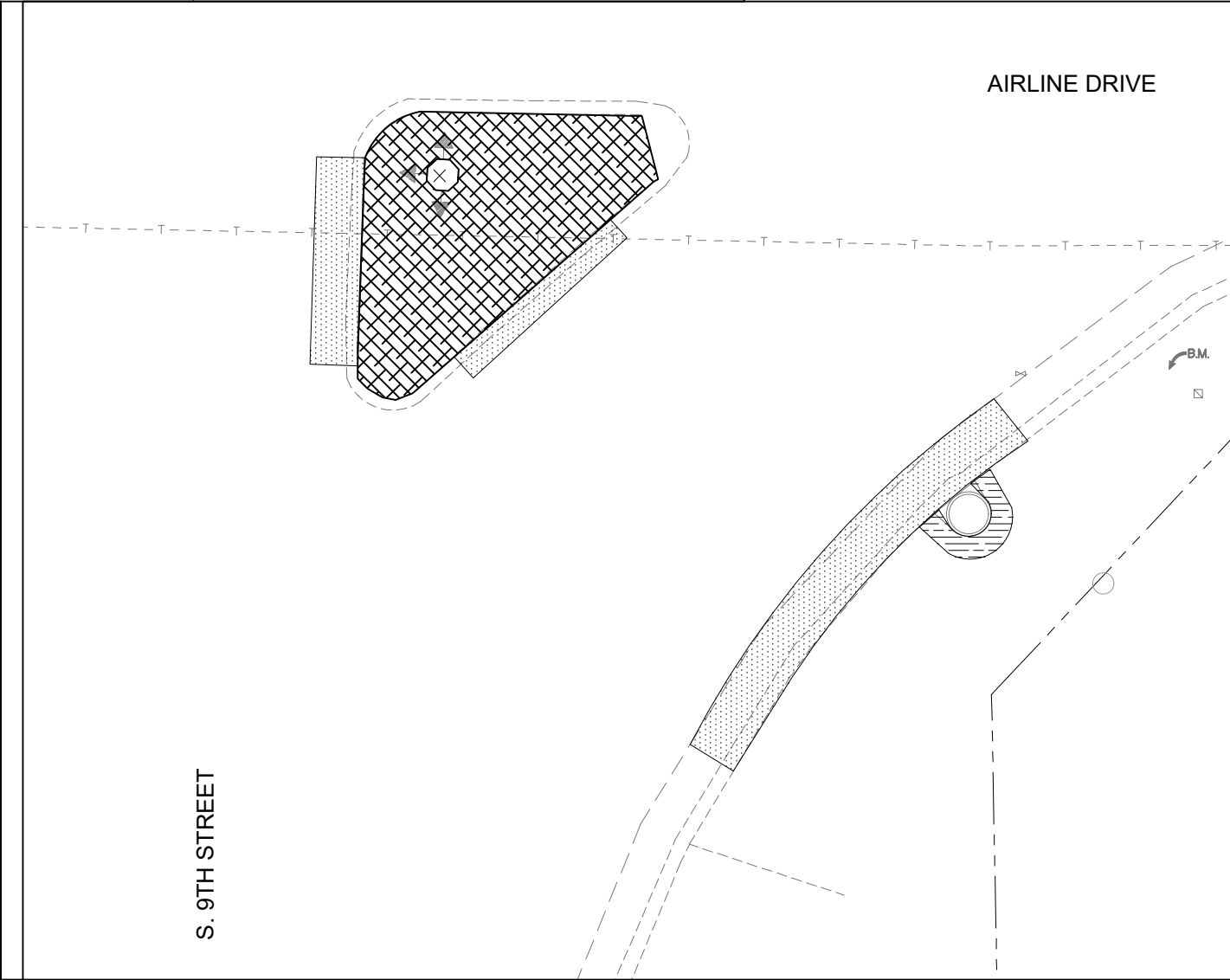
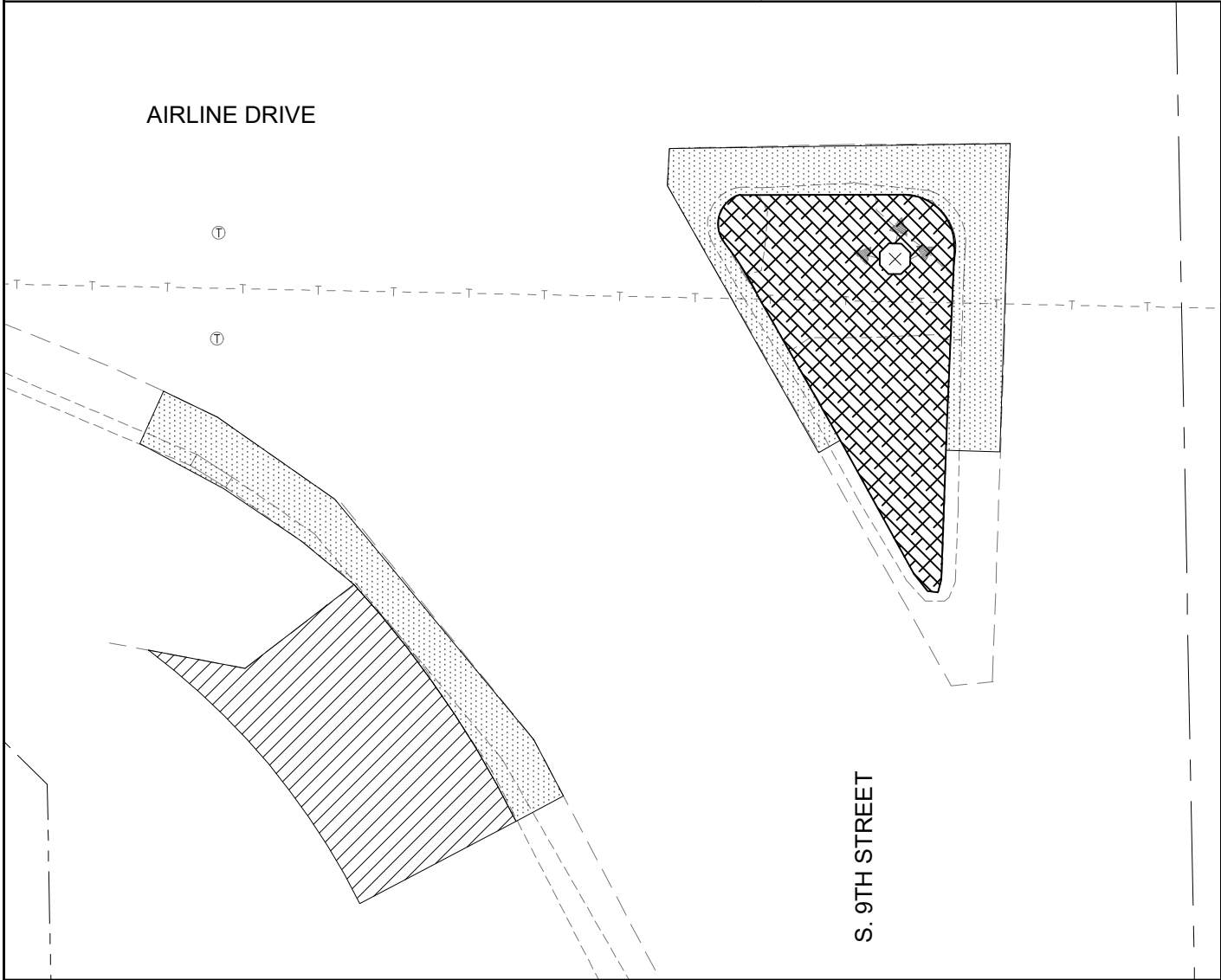


**REMOVAL LEGEND**

|   |                                   |
|---|-----------------------------------|
|  | HMA SURFACE REMOVAL SPECIAL       |
|  | CONCRETE MEDIAN SURFACE REMOVAL   |
|  | COMBINATION CURB & GUTTER REMOVAL |
|  | COMBINATION CURB & GUTTER REMOVAL |

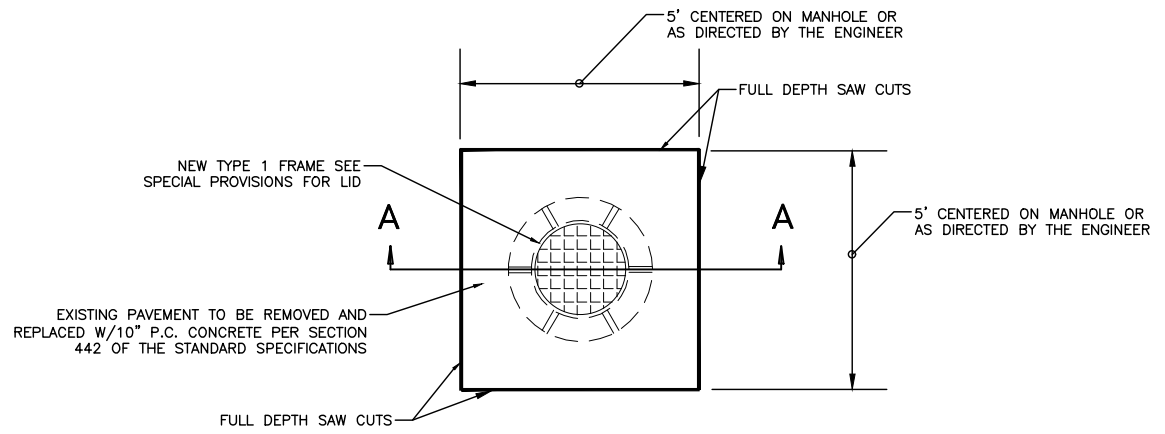
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VILLAGE OF EAST ALTON, ILLINOIS  
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 CONSTRUCTION DETAILS

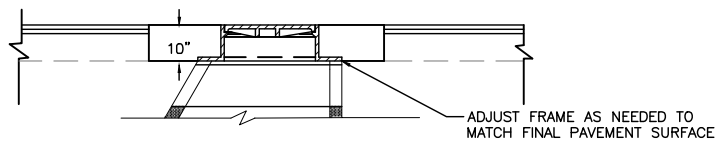
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| CHK. BY:                 | DEG         |
| DATE:                    | APRIL, 2023 |
| SCALE:                   | 1" = 4'     |
| SHEET                    | 19 OF 24    |



**MANHOLES TO BE ADJUSTED BY OTHERS**

NOT TO SCALE

DETAIL



NOTE: MANHOLES SHALL BE ADJUSTED AFTER THE FINAL HMA SURFACE WORK IS COMPLETED. THIS WORK SHALL BE COORDINATED WITH AT&T.

**SECTION A - A**

NOT TO SCALE

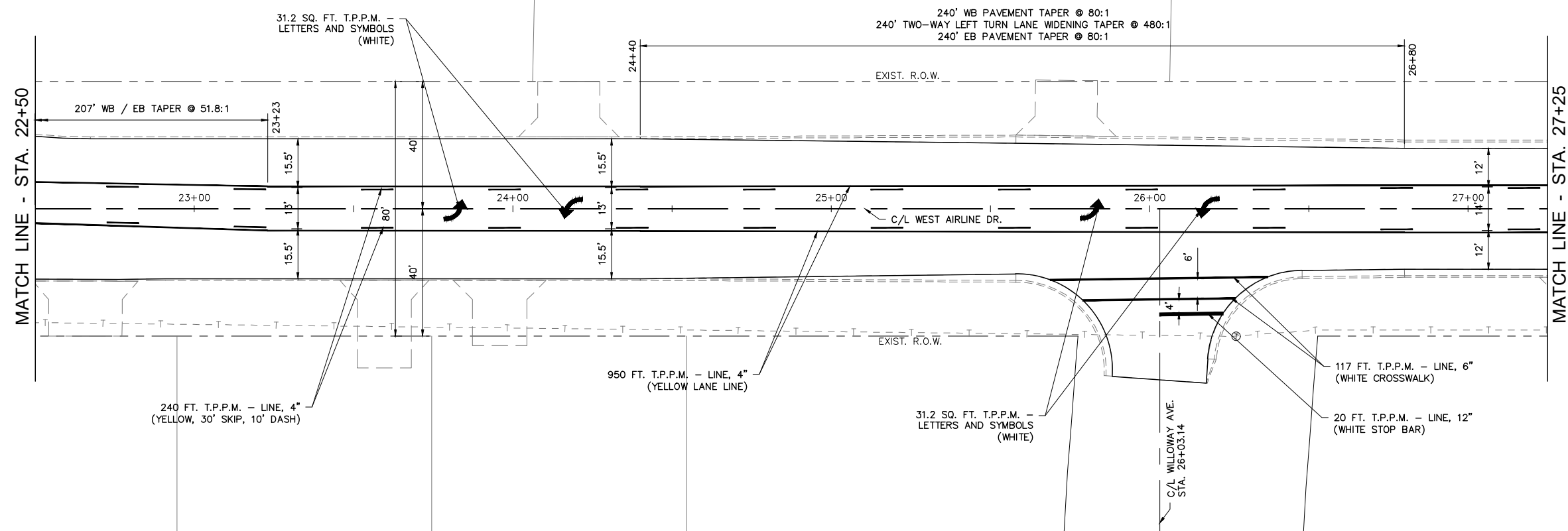
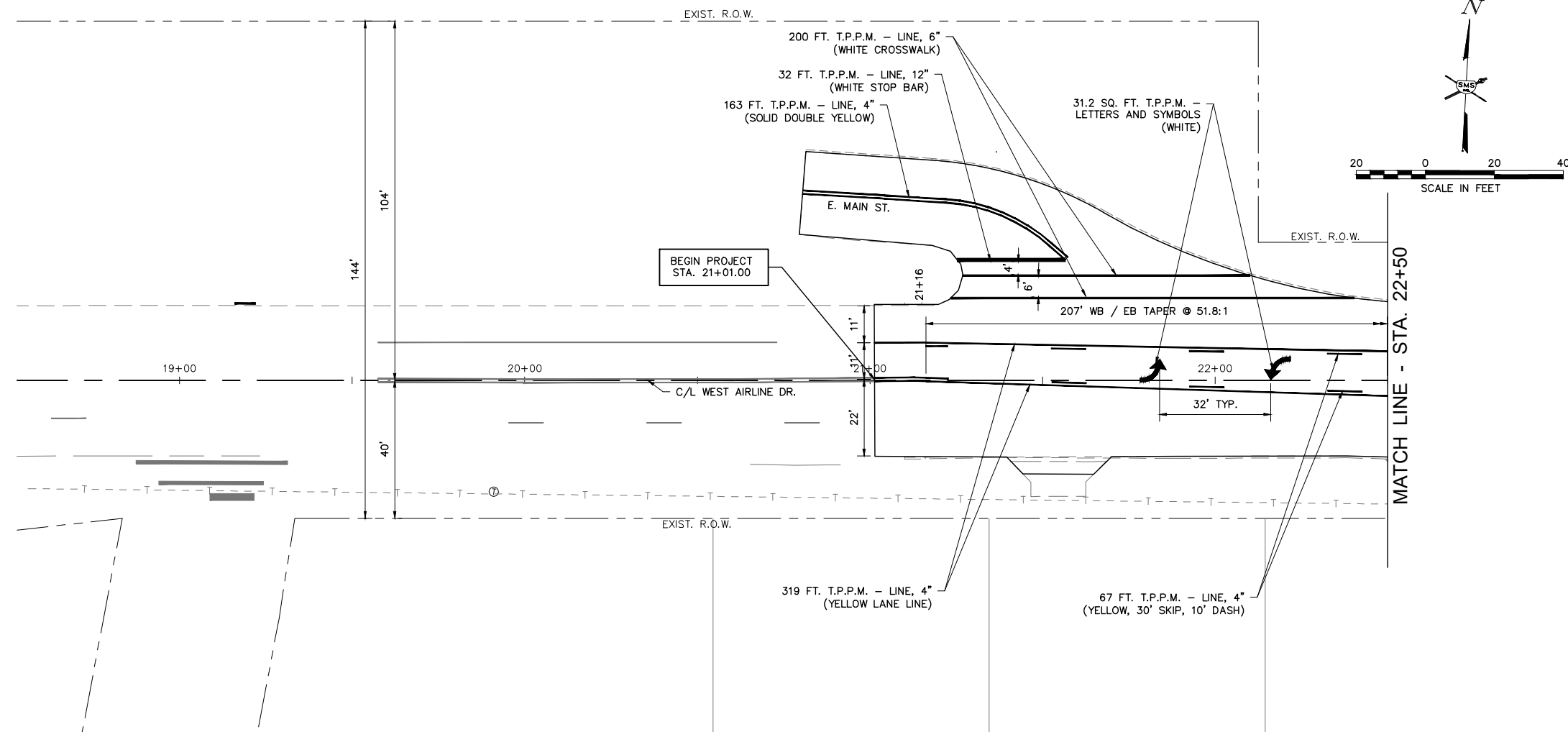
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SCALE: 1" = 4'



REVISIONS

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 WEST AIRLINE DRIVE  
 PAVEMENT MARKING AND SIGNING PLAN

CONTRACT NO.  
97822

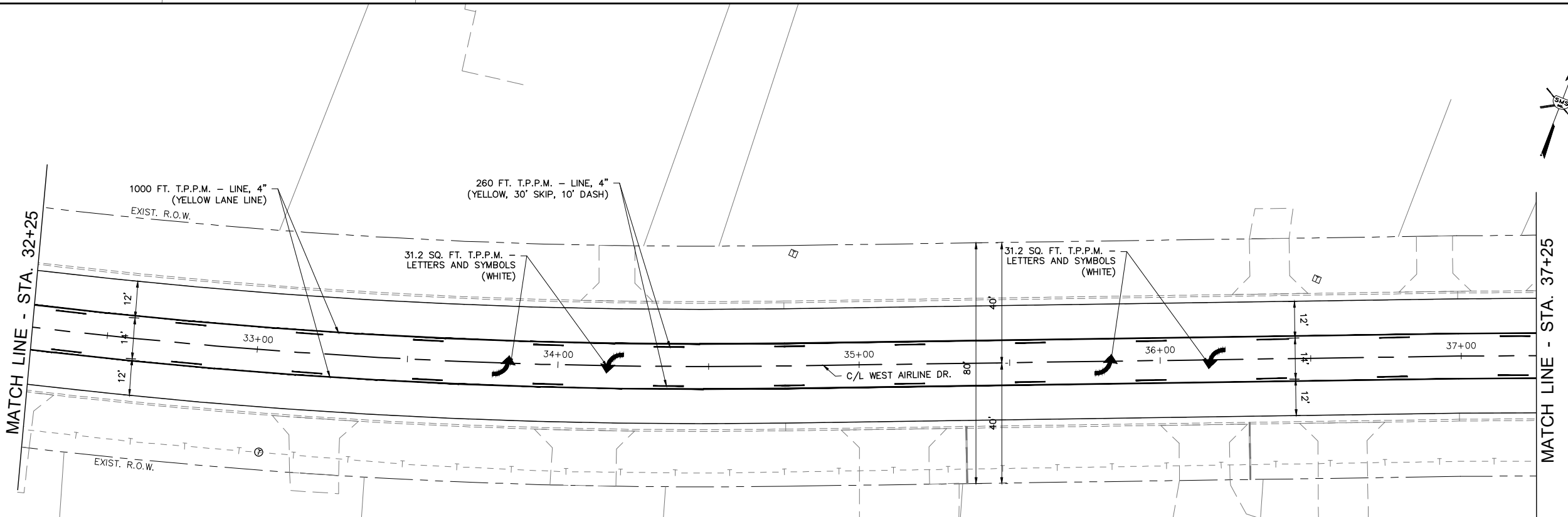
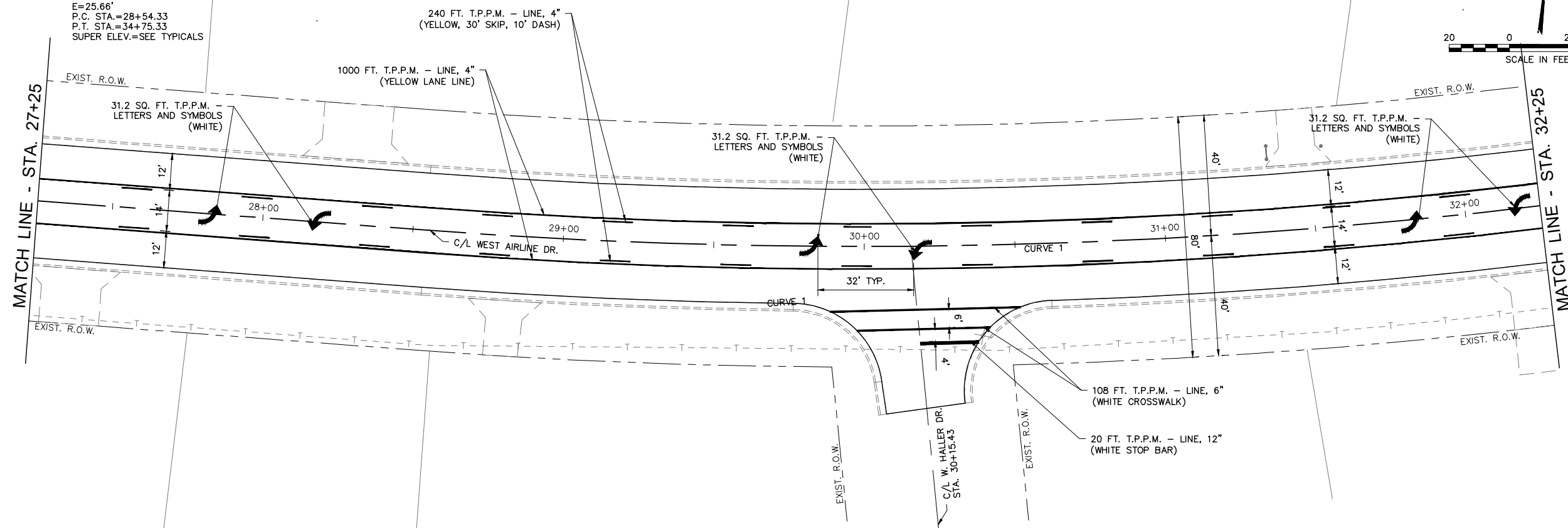
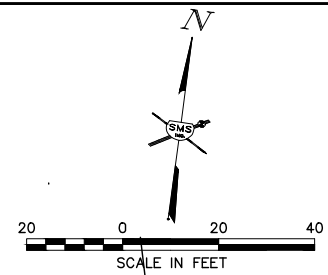
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SCALE:

**CENTERLINE CURVE DATA**

CURVE NO. 1  
 P.I. STA.=31+67.62  
 $\Delta=18^{\circ}43'36"$   
 $T=313.30'$   
 $R=1,900'$   
 $L=621.00'$   
 $E=25.66'$   
 P.C. STA.=28+54.33  
 P.T. STA.=34+75.33  
 SUPER ELEV.=SEE TYPICALS



| NO. | REVISIONS |
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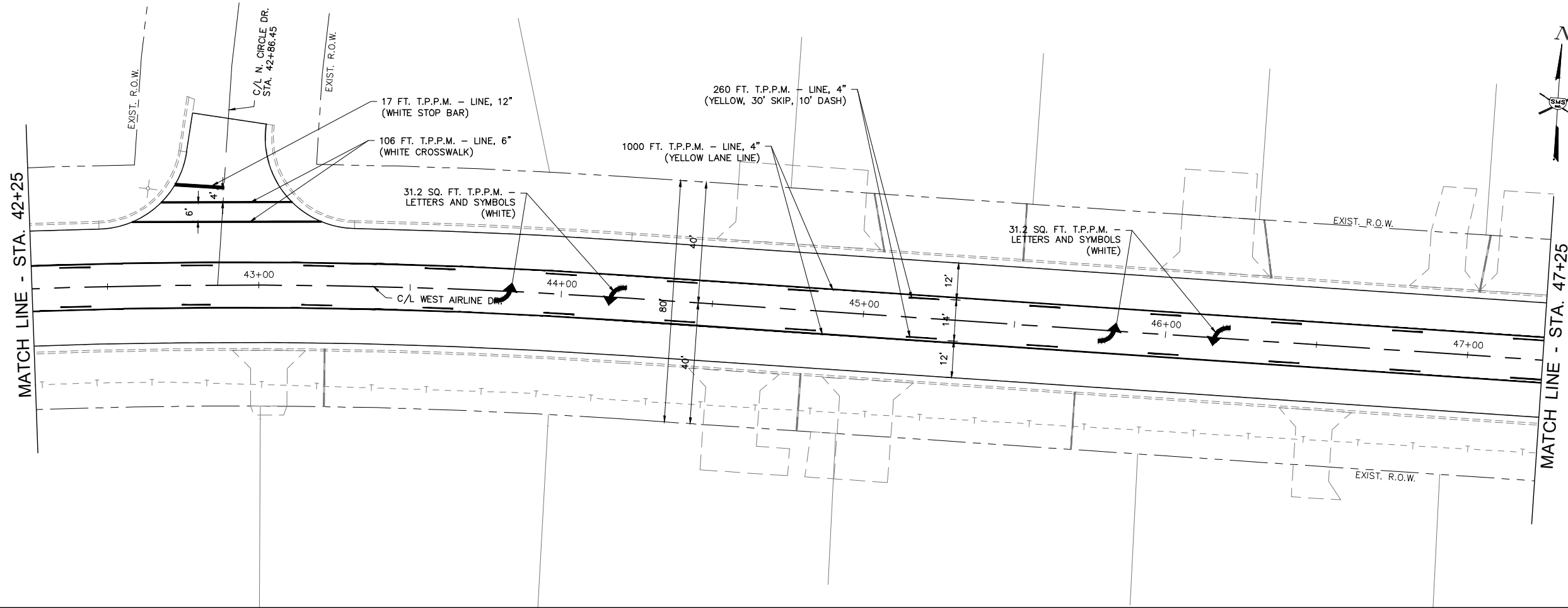
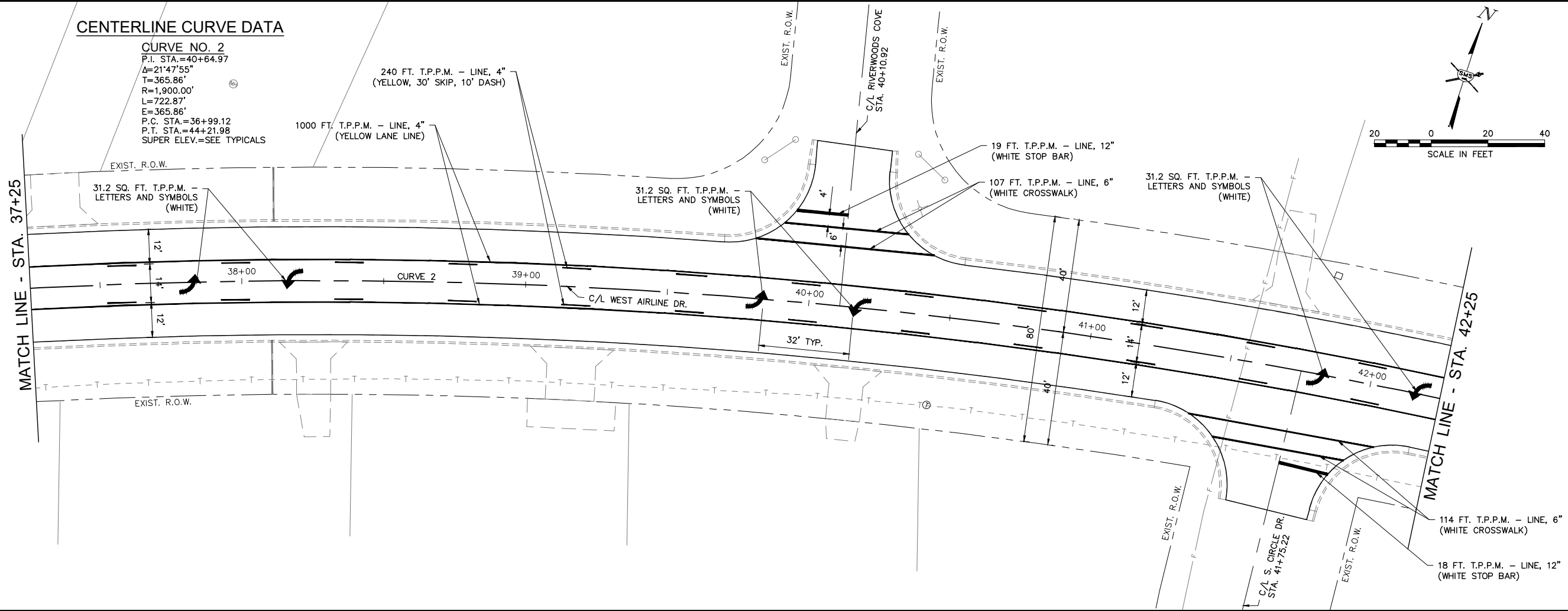
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| SCALE:             |     |
| SHEET 22 OF 24     |     |

**CENTERLINE CURVE DATA**

**CURVE NO. 2**  
 P.I. STA.=40+64.97  
 Δ=21°47'55"  
 T=365.86'  
 R=1,900.00'  
 L=722.87'  
 E=365.86'  
 P.C. STA.=36+99.12  
 P.T. STA.=44+21.98  
 SUPER ELEV.=SEE TYPICALS



| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
|     |      |             |
|     |      |             |
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