#### **APRIL 2022 NOTES**

GROUND.

# **PROJECT SURVEY CONTROL SHEET NOTES**

- NOTES:
- 1. THE HORIZONTAL DATUM SHOWN HEREON IS REFERENCED TO THE NAD 83 (2011), NEW YORK STATE PLANE COORDINATE SYSTEM, WEST ZONE (3103), WITH A NETWORK POSITIONAL ACCURACY OF NOT MORE THAN 0.05 FEET (USE ACHIEVED POSITIONAL ACCURACY FROM LEAST SQUARES). SURVEY CONTROL POINTS WERE ESTABLISHED USING PROCEDURES NECESSARY TO ACHIEVE A LOCAL POSITIONAL ACCURACY OF NOT MORE THAN 0.025 FEET (USE ACHIEVED POSITIONAL ACCURACY FROM LEAST SQUARES) (OR) ONE PART IN TWENTY THOUSAND. NETWORK POSITION ESTABLISHED BY GPS (OR) GNSS (STATE OBSERVATION METHOD) FROM CORS STATION (STATION NAME AND NGS PID NUMBER).

2. ALL DISTANCES AND COORDINATES ARE IN U.S. SURVEY FEET UNLESS OTHERWISE NOTED.

- 3. BASELINE DISTANCES, BEARINGS AND COORDINATES ARE REPORTED AT GRID. TIE DISTANCES ARE REPORTED AT
- 4. THE PROJECT COMBINED SCALE FACTOR IS XXXXXX.
- 5. THE ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD 88 DATUM. ELEVATIONS WERE ESTABLISHED (STATE METHOD/PROCEDURE AND REFERENCE PASSIVE GEODETIC MONUMENT IF UTILIZED).
- 6. SURVEY BASELINE CONTROL POINTS ARE SUBJECT TO FROST HEAVE. CAUTION SHOULD BE EXCERCISED AND PRIOR TO BEGINNING ANY WORK THE CONTRACTOR IS RESPONSIBLE FOR THE VERIFICATION OF SURVEY CONTROL POINTS USED IN THE VERTICAL AND HORIZONTAL POSITIONING OF DESIGNED IMPROVEMENTS IN ACCORDANCE WITH COUNTY REQUIREMENTS AND FOR IMMEDIATELY NOTIFYING THE RESIDENT ENGINEER AND THE MONROE COUNTY SURVEYORS OFFICE OF ANY DISCREPANCIES FOUND. WHILE VERIFYING SURVEY BASELINE CONTROL POINTS ADDITIONAL SECONDARY CONTROL POINTS LOCATED AWAY FROM CONSTRUCTION ACTIVITY SHALL BE SET IN ACCORDANCE WITH COUNTY REQUIREMENTS TO INSURE REPRODUCIBILITY OF ORIGINAL PROJECT COORDINATES AND ORIGINAL SURVEY BASELINE. PRIOR TO BEGINNING ANY WORK AND UPON COMPLETION OF SURVEY BASELINE VERIFICATION AND ESTABLISHING SECONDARY CONTROL POINTS, THE CONTRACTOR SHALL SUBMIT A FULL SURVEY REPORT IN ACCORDANCE WITH COUNTY REQUIREMENTS WITH AN ANGLE SETS REPORT AND LEAST SQUARES ANALYSIS REPORT. SURVEY BASELINE AND SECONDARY CONTROL POINTS ARE REQUIRED TO ACHIEVE A LOCAL RELATIVE POSITIONAL ACCURACY OF NO MORE THAN 0.025' IN ORDER TO MEET THE SURVEY ACCURACY REQUIRED FOR POST CONSTRUCTION PROPERTY CORNER REPLACEMENT, SETTING OF PINS AND CAPS ON RIGHT OF WAY EASEMENT CORNERS AND SETTING OF PERMANENT SURVEY MARKERS.
- 7. THE PROJECT ENGINEERING DESIGN AND CONSTRUCTION BASELINE IS THE CENTERLINE OF THE HIGHWAY RIGHT OF WAY (OR) CENTERLINE OF PAVEMENT (IDENTIFY WHICH). (ALSO, INCLUDE AN EXPLANATION OF HOW THE ENGINEERING DESIGN AND CONSTRUCTION BASELINE STATIONING VALUES WERE DETERMINED).
- 8. SEE HIGHWAY BOUNDARY PLAN ON FILE IN THE MONROE COUNTY SURVEYORS OFFICE FOR RIGHT OF WAY SURVEY.

LS SEAL

## **PROJECT SURVEY CERTIFICATION**

USE ONE OF THE FOLLOWING EXAMPLES DEPENDING ON CONSULTANT / COUNTY SURVEY INVOLVEMENT.

### SURVEY CERTIFICATION FOR CONSULTANT RIGHT OF WAY AND SURVEY **BASELINE EXAMPLE:**

COMPANY OR LICENSED LAND SURVEYOR'S NAME HEREBY CERTIFIES THIS RIGHT OF WAY SURVEY WAS MADE FOR THE PURPOSE OF SURVEYING AND RETRACING THE EXISTING CENTERLINE OF RIGHT OF WAY, RIGHT OF WAY LIMITS AND HISTORIC LAND ACQUISITIONS AND/OR EASEMENTS THAT SERVE THE OPERATION AND MAINTENANCE OF THE HIGHWAY. THIS SURVEY WAS COMPLETED FROM NOTES OF AN INSTRUMENT SURVEY COMPLETED ON DATE AND FROM THE REFERENCES SHOWN ON THE HIGHWAY BOUNDARY PLAN ON FILE IN THE MONROE COUNTY SURVEYOR'S OFFICE, AND WAS PRODUCED IN ADHERENCE TO THE STANDARDS AND PROCEDURES SET FORTH BY THE MONROE COUNTY SURVEYOR'S OFFICE. IT IS FURTHER CERTIFIED THAT THE PROJECT SURVEY BASELINE SURVEY WAS COMPLETED IN ACCORDANCE WITH COUNTY OF MONROE REQUIREMENTS.

SIGNATURE OF LICENSED LAND SURVEYOR LS SEAL

LICENSED LAND SURVEYOR'S NAME

LICENSED LAND SURVEYOR'S NYS LICENSE NUMBER

### SURVEY CERTIFICATION FOR RIGHT OF WAY DETERMINED BY COUNTY SURVEYORS OFFICE AND SURVEY BASELINE BY CONSULTANT EXAMPLE:

COMPANY OR LICENSED LAND SURVEYOR'S NAME HEREBY CERTIFIES THIS PROJECT SURVEY BASELINE SURVEY WAS COMPLETED IN ACCORDANCE WITH COUNTY OF MONROE REQUIREMENTS.

SIGNATURE OF LICENSED LAND SURVEYOR

LICENSED LAND SURVEYOR'S NAME

LICENSED LAND SURVEYOR'S NYS LICENSE NUMBER

# D + 2'-6-1/2" D ,^,^,, ⊘, ⊽ AHATTER. Δ Δ ° Δ Δ · CONCRETE ΔΔ

**STEEL PIN AND CAP R.O.W. MARKER** INSTALLATION DETAIL IN **ROCK OR CONCRETE** 



## **STEEL PIN AND CAP R.O.W. MARKER**















