CONTRACT NO. 85428

| LOCAL RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| M.S. 1040 | 05-00010-00-PV | HENRY | 136 | 33 |
| STA. 5+00 | | TO STA. 20+50 | | |
| FED. ROAD DIST. NO. 2 | ILLINOIS | FED. AID PROJECT | | |


SHIVE-HATTERY

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SHIVE-HATTERY, INC. 1701 RIVER DRIVE, SUITE 200 MOLINE,IL 61265
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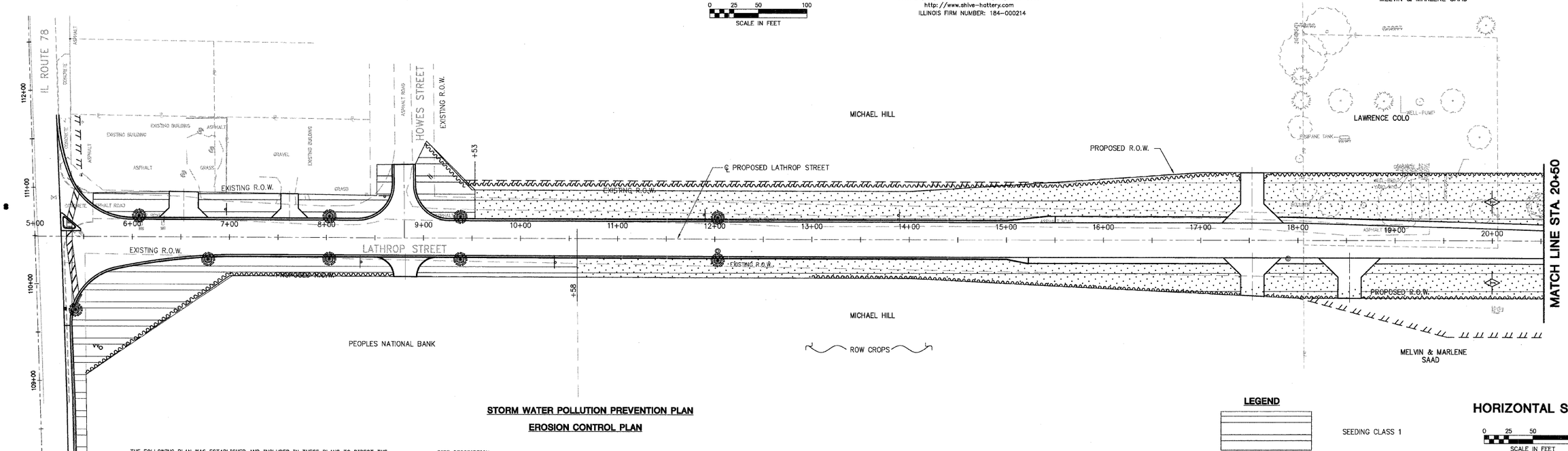
http://www.shive-hattery.com
ILLINOIS FIRM NUMBER: 184-000214


## BENCHMARKS:

1. NGS MONUMENT MF1033 1.8 MILES EAST OF ANNAWAN. ELEV. 654.90
2. 5/8"ø REBAR AT EAST EDGE OF SIDEWALK ON WEST SIDE OF IL 78 AT EXTENSION OF LATHROP RD. ℄ STA. 110+82.55, 39.3' LT. ELEV.= 624.59

SCALE IN FEET: 0 25 50 100




## STORM WATER POLLUTION PREVENTION PLAN

## EROSION CONTROL PLAN

THE FOLLOWING PLAN WAS ESTABLISHED AND INCLUDED IN THESE PLANS TO DIRECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL SYSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR COMPLIANCE UNDER NPDES.

THE PURPOSE OF THIS PLAN IS TO MINIMIZE SILTATION WITHIN THE CONSTRUCTION ZONE AND TO ELIMINATE SEDIMENTS FROM ENTERING AND LEAVING THE CONSTRUCTION ZONE BY UTILIZING PROPER TEMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN A REASONABLE AMOUNT OF TIME.

CERTAIN ITEMS, AS SHOWN IN THIS PLAN AND REFERENCED BY THE LEGEND, SHALL BE PLACED BY THE CONTRACTOR AT THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE PLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION RESULTING FROM THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND EXPECTED WEATHER CONDITIONS.

THE CONTRACTOR SHALL PLACE PERMANENT EROSION CONTROL SYSTEMS AND SEEDING WITHIN A REASONABLE AMOUNT OF TIME; THEREFORE, REDUCING THE AMOUNT OF AREA BEING OPEN TO THE POSSIBILITY OF EROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING. THE RESIDENT ENGINEER WILL DETERMINE IF TEMPORARY EROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED, THE SIZE OF THE PROPOSED DITCH CHECKS, THE PROPER METHOD OF INSTALLATION, AND IF ANY ADDITIONAL TEMPORARY EROSION CONTROL SYSTEMS SHALL BE ADDED WHICH ARE NOT INCLUDED IN THE PLANS. THE CONTRACTOR SHALL PERFORM ALL WORK AS DIRECTED BY THE ENGINEER AND AS SHOWN IN STANDARD 280001 OF THE PLANS.

SITE DESCRIPTION
DESCRIPTION OF CONSTRUCTION ACTIVITY:
THIS PROJECT CONSISTS OF CONSTRUCTING A WATER MAIN, SANITARY SEWER, AND TWO LANE ROADWAY. ALSO INCLUDED IS CONSTRUCTION OF A DOUBLE BOX CULVERT AT GRADDETT DITCH, A SINGLE BOX CULVERT AT ANNAWAN DITCH, ROUGH GRADING FOR A FUTURE THIRD LANE OF PAVEMENT AND TRAIL, STORM SEWER AND CULVERT PIPE, AND DRIVEWAY CONSTRUCTION AND RECONSTRUCTION.

DESCRIPTION OF INTENDED SEQUENCE OF ACTIVITIES:
THE SEQUENCE OF EVENTS ARE AS FOLLOW: CLEARING AND GRUBBING AND PAVEMENT REMOVAL. SANITARY AND STORM SEWER CONSTRUCTION AND WATER MAIN CONSTRUCTION. CONSTRUCTION OF BOX CULVERTS. TOPSOIL STRIPPING, EARTHWORK EXCAVATION AND GRADING. ROADWAY CONSTRUCTION AND FINAL GRADING, TOPSOIL PLACEMENT, AND SEEDING.

THIS PROJECT WILL BE CONSTRUCTED IN SEGMENTS AS SHOWN IN THE "STAGING PLANS".

TOTAL CONSTRUCTION SITE (CONSTRUCTION LIMIT TO CONSTRUCTION LIMIT) 28 ACRES

PROPOSED R.O.W (TOTAL PARCEL AREA) 22.8 ACRES

DISTURBED BY EXCAVATION (E.O.P TO CONSTRUCTION LIMIT) 26 ACRES

SUPPORTING REPORTS AND PLANS
THE FOLLOWING ASSISTED IN DEVELOPING THE EROSION CONTROL PLAN AS REFERENCED DOCUMENTS:

SOIL PROFILE SHEETS, SOILS REPORTS, BORING LOGS
USGS QUAD MAPS, PROJECT PLAN DOCUMENTS

DRAINAGE TRIBUTARIES RECEIVING WATER FROM CONSTRUCTION SITE
ANNAWAN DITCH TRIBUTARY TO GRADDETT DITCH. ANNAWAN AND GRADDET DITCH TRIBUTARY TO COAD HICKORY CREEK, MUD CREEK, GREEN RIVER, ROCK RIVER, AND MISSISSIPPI RIVER.

EROSION CONTROLS AND SEDIMENT CONTROL PROCEDURES
STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION:
PERIMETER EROSION CONTROL SHALL BE PLACED PRIOR TO BEGINNING EARTHWORK.

STABILIZATION PRACTICES DURING CONSTRUCTION:
AS EARTH EXCAVATION AND EMBANKMENT ARE BEING COMPLETED THE CONTRACTOR SHALL PLACE DITCH CHECKS, INLET AND PIPE PROTECTION, EROSION CONTROL BLANKET, AND SEEDING AS STAGES OF THE PROJECT ARE COMPLETED. PERIMETER EROSION BARRIER WILL BE INSTALLED AT ADDITIONAL LOCATIONS AS THE PROJECT PROGRESSES. SEEDING SHALL BE COMPLETED AS SPECIFIED IN THE EROSION CONTROL/ SEEDING MOBILIZATION AND TEMPORARY SEEDING SPECIAL PROVISION.

MAINTENANCE AFTER FINAL GRADING
TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS SEEDED AND ESTABLISHED WITH THE PROPER STAND. ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP AND DISTURBED TURF RESEEDED.

### LEGEND

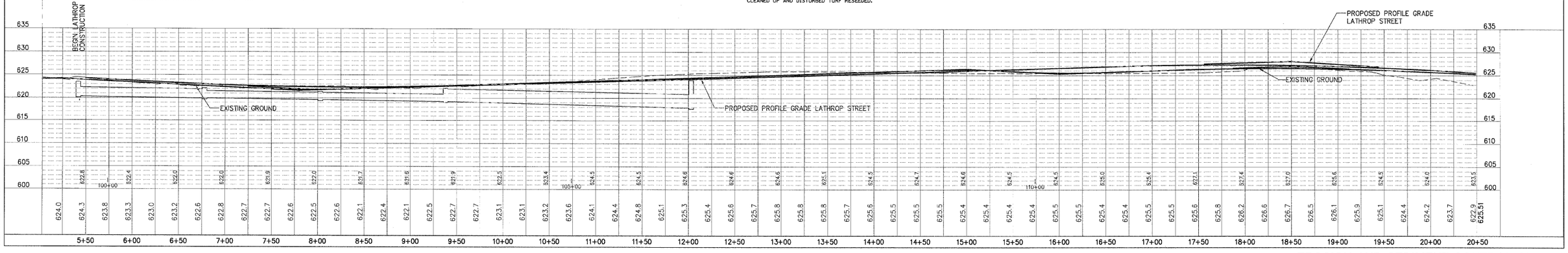
- SEEDING CLASS 1
- SEEDING CLASS 4A
- TEMPORARY DITCH CHECK
- SILT FENCE
- INLET AND PIPE PROTECTION

### HORIZONTAL SCALE

0 25 50 100
SCALE IN FEET

### VERTICAL SCALE

0 5 10 20
SCALE IN FEET




| PLAN | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| ALIGNMENT CHECKED | | |
| R.O.W. CHECKED | | |
| NOTE BOOK | | |
| NO. | | |

| PROFILE | BY | DATE |
|---|---|---|
| SURVEYED | | |
| PLOTTED | | |
| GRADES CHECKED | | |
| B.M. NOTED | | |
| STRUCTURE NOTATIONS CHKD | | |
| NOTE BOOK | | |
| NO. | | |

PLOT DATE = $DATE$
FILE NAME = $FILEL$
PLOT SCALE = $SCALE$
USER NAME = $USER$

## EROSION AND SEDIMENT CONTROL SHEETS