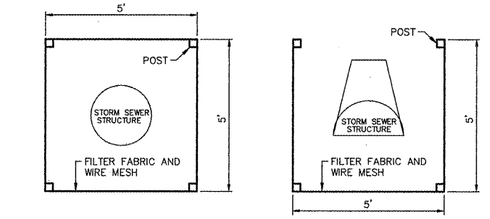
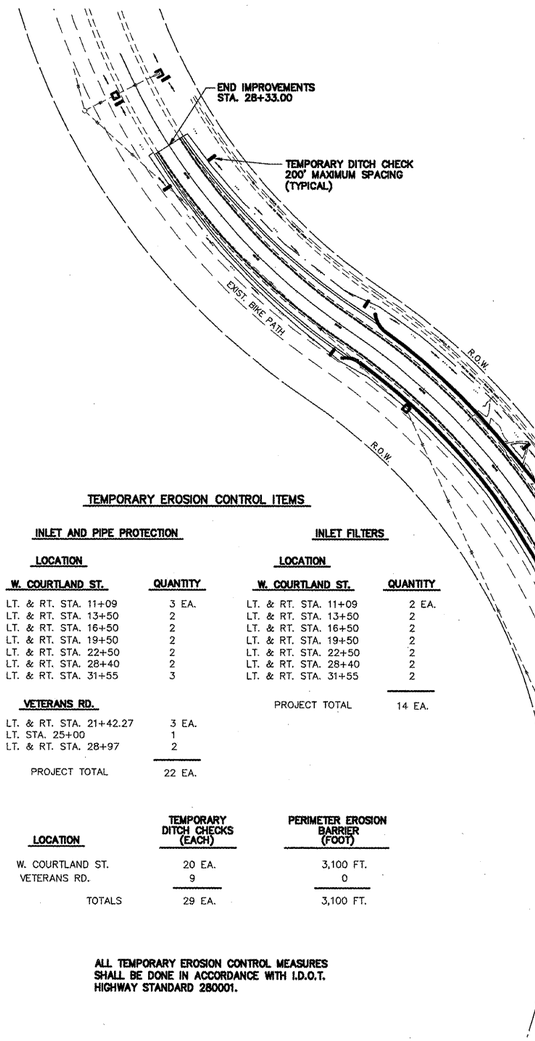
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
F.A.U. 6755	*	TAZEWELL	39	14
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT	M-5083-112	

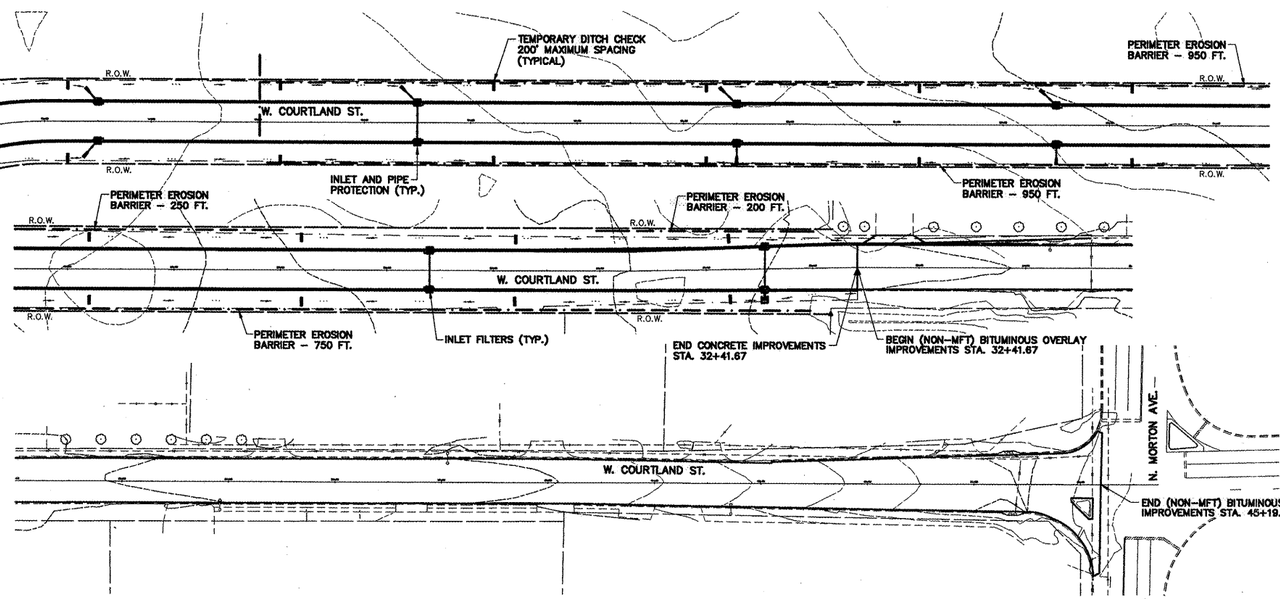
*04-00114-00-PV
CONTRACT NO. 89351



NOTE: PROVIDE SILT FENCE EROSION PROTECTION AROUND STORM SEWER STRUCTURES AS SOON AS POSSIBLE AFTER STORM SEWER INSTALLATION.

INLET AND PIPE PROTECTION





TEMPORARY EROSION CONTROL ITEMS

INLET AND PIPE PROTECTION

LOCATION		QUANTITY
W. COURTLAND ST.		
LT. & RT. STA. 11+09		3 EA.
LT. & RT. STA. 13+50		2
LT. & RT. STA. 16+50		2
LT. & RT. STA. 19+50		2
LT. & RT. STA. 22+50		2
LT. & RT. STA. 28+40		2
LT. & RT. STA. 31+55		3
VETERANS RD.		
LT. & RT. STA. 21+42.27		3 EA.
LT. STA. 25+00		1
LT. & RT. STA. 28+97		2
PROJECT TOTAL		22 EA.

INLET FILTERS

LOCATION	QUANTITY
W. COURTLAND ST.	
LT. & RT. STA. 11+09	2 EA.
LT. & RT. STA. 13+50	2
LT. & RT. STA. 16+50	2
LT. & RT. STA. 19+50	2
LT. & RT. STA. 22+50	2
LT. & RT. STA. 28+40	2
LT. & RT. STA. 31+55	2
PROJECT TOTAL	14 EA.

LOCATION	TEMPORARY DITCH CHECKS (EACH)	PERIMETER EROSION BARRIER (FOOT)
W. COURTLAND ST.	20 EA.	3,100 FT.
VETERANS RD.	9	0
TOTALS	29 EA.	3,100 FT.

ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE DONE IN ACCORDANCE WITH I.D.O.T. HIGHWAY STANDARD 280001.

The IEPA general permit requires a Storm Water Pollution Prevention Plan, (SWPPP), to be prepared which contains a description of the site and control measures to prevent or minimize pollution of storm water runoff from construction activities.

Construction Site

W. Courtland St. Improvements consists of constructing 10' reinforced portland cement concrete pavement, curb & gutter, storm sewers, pavement markings and street lights, milling and resurfacing existing Courtland St. and miscellaneous grading and incidental and collateral work as shown on the plans and written in the project specifications. This plan sheet details the pollution prevention control practices and their associated details.

The project location is:

Latitude: N 40-37'-41'
Longitude: W 89-29'-16'
A Part of the S ½ Section 8, T25N, R3W, 3rd P.M.
W. Courtland St. between N. Morton Avenue and Veterans Road.
Village of Morton, Illinois

The project size is 4.07 acres with the limits of earthwork grading encompassing approximately 3.00 acres. The Tazewell County soil survey lists the existing soils to be primarily Sable and Ipava, HCSC Type B, Silty Clay Loan and Silt Loam. Permeability of the existing soils is generally 0.6 to 2.0 inches per hour. The estimated existing runoff coefficient is 0.25. The estimated runoff coefficient after construction is complete will remain at 0.57. In general, storm water drains Northeasterly across agricultural fields.

Owner and Responsible Party (Contractor) Information

Owner: Village of Morton
120 N. Main Street
Morton, Illinois 61550
Telephoner 309-263-5361

Responsible Party: General Contractor to be Determined at Bid Letting on June 13, 2008.

Sequence of Major Construction Activities

Construction is expected to begin in July of 2008 and end in October of 2008. The order of construction activities is as follows:

Phase 1

1. Install traffic control.
2. Perform necessary earthwork.
3. Construct storm sewer and appurtenances.
4. Construct curb and gutter.
5. Construct P.C.C. Pavement, 10".
6. Install street lights.

Phase 2A

1. Install traffic control on Veterans Road.
2. Complete earthwork.
3. Complete storm sewer work.
4. Complete hot-mix asphalt widening of Veterans Road.
5. Place and compact hot-mix asphalt binder course.
6. Place short term pavement markings.
7. Install street lights.

Phase 2B

1. Install traffic control on existing W. Courtland Street.
2. Complete hot-mix asphalt removal.
3. Place and compact hot-mix asphalt surface course.
4. Place short term pavement markings.

Complete all remaining items of work. Items include grading, top soil, seeding, hot-mix asphalt surface course and right-of-way markers, etc.
After placement of the hot-mix asphalt surface course, contractor shall be responsible for protecting said surface course, if work remains to be completed.
After establishment of 70% vegetation, the requirements of the Storm Water Pollution Prevention Plan have been satisfied.
Remove all erosion control protection, as directed by the Engineer.

The above described construction phasing plan shall be followed. If the successful bidder has an alternate sequencing plan to propose, said sequence shall be proposed at the pre-construction meeting and must be approved by the Village and the Engineer.

Measures and Controls

The following measures and controls to prevent or minimize pollution of storm water discharges must be followed in regards to the following three areas:

1. Erosion and Sediment Controls

All disturbed areas must be stabilized to prevent erosion, etc. Permanent seeding of all affected areas will be performed to stabilize the soil. If at any time, construction will temporarily cease for more than 21 days, the disturbed areas must be stabilized within 14 days of the last disturbance. Areas that will be re-disturbed within 21 days do not have to be temporarily seeded.

Temporary Stabilization = Temporary seed shall be Wheat or Rye(grain) applied at the rate of 120 lbs/acre. After seeding, the areas shall be mulched with straw at a rate of 2 tons per acre and tacked into place by a serrated disc or other engineer approved method of stabilization. Temporary seeding shall be at the contract unit price per acre and said price shall include temporary mulching.

Permanent Stabilization = In areas where construction has permanently ceased, permanent stabilization shall be performed no later than 14 days after the last disturbance. The fertilization and permanent seeding shall conform to the applicable sections of the "Standards Specifications for Road and Bridge Construction", of the State of Illinois, Latest Edition.

2. Storm Water Management Controls

Where construction results in an increase of storm water runoff from the existing conditions, temporary measures must be taken to slow the runoff to the existing conditions runoff rate. The following controls shall be taken to accomplish this.

Inlet filters shall be used to prevent sediment from leaving the site through existing gutter inlet castings and through newly installed gutter inlet castings. They shall be inspected by the contractor weekly and after heavy rains. Any sediment buildup shall be removed from the inlet and any damage to the inlet filters shall be repaired by the contractor at his expense.

Erosion Control Fence (Silt Fence) = Silt fences shall be installed as inlet and manhole protection as per the plan detail at locations shown on the plan. They shall be inspected by the contractor weekly and after heavy rains. Any sediment buildup shall be removed from the fence and any damage to the silt fence shall be repaired by the contractor at his expense.

3. Other Controls

The plan must insure that solid wastes are not carried by storm water runoff to waters of the state. Contractor shall strategically place solid waste receptacles (trash cans) with lids, at location(s) designated by the Engineer, at no additional cost. All solid waste must be properly stored and disposed of per local regulations. The contractor must comply with all Local and State laws concerning sanitary sewer or septic system regulations. Sanitary waste shall be collected from portable units by a licensed sanitary waste management contractor as required by local regulations.
The contractor shall provide a 'concrete washout' area for concrete trucks, at the project site. The location shall be approved by the Owner and the Engineer. Contractor is required to ensure that none of the concrete washout materials pollute storm water discharges from the site. If a location is not available on site, the contractor may provide approved washout tubs or properly dispose of the material offsite, at a location approved by the Owner and Engineer. This item shall be considered incidental to the various concrete pay items.

Existing streets will be used for entrance and exit to the construction site. Any material that is tracked onto adjacent roads shall be removed as soon as is practical or within four (4) hours, whichever is sooner.

Dust control shall be provided by watering or other means, as required. The expense shall be incidental to the project.

Inspection & Maintenance

The Engineer shall inspect the construction site at least once weekly (once every seven days) and within 24 hours of a rainfall or equivalent snowfall of 0.5" or more. The Engineer must prepare a report documenting his/her findings on the condition of the controlled and stabilized areas.

The following is a list of inspection and maintenance practices that shall be used to maintain erosion and sediment controls:

- Weekly inspections.
- Inspections within 24 hours of a 0.5" or more rainfall or equivalent snowfall.
- All erosion control measures will be maintained in good working order. If a repair is required, it shall be completed as soon as possible or no later than 7 days after inspection.
- Inspections will include all disturbed areas of the site, areas for material storage, locations where vehicles enter/exit the site, and all erosion controls.
- Built up sediment will be removed from silt fences when it has reached 1/3 the height of the fence.
- Silt fences shall be inspected for depth of sediment, tightness, and stability so that the posts and bales (or fabric) are firmly in the ground.
- Temporary and permanent seeding or sodding and planting will be inspected for bare spots, washouts, and healthy growth.
- A maintenance inspection report will be made after each inspection and record all damages or deficiencies.
- The owner will delegate responsibilities for maintenance to the Contractor so that erosion and sediment controls used on site are in good working order.

Records of Construction Activities

It is important to keep accurate and detailed records of all phases of construction including those after the construction of the infrastructure for the project. These records will be extremely valuable in determing which entity is liable should a release occur or a violation notice be received by the EPA. All correspondence between the owner and permit signatories should be properly dated and kept on file for future reference.

If a storm water release occurs that is in violation of the general permit, it is the responsibility of the Contractor or other permit signatory to notify the Developer/Owner and to fill out an "Incidence of Noncompliance" (ION) and file it with IEPA. The ION should be filed within 5 days of the incidence and completed on forms provided by the agency. A copy of this form is available from the Engineer. Consult the Clean Water Act for a definition of violations.

The following should be recorded at a minimum:

- Dates when major grading activities occur in a particular part of the site.
- Dates when construction activities cease in an area, temporarily and/or permanently.
- Dates when seeding or sodding is performed temporarily and/or permanently.

This SWPPP plan must be updated or changed, by the Engineer, as needed to accurately reflect the site features and operations. Contact Austin Engineering Company, Inc. as needed.

The IEPA has issued regulations that define reportable quantity (RQ) levels for oil and hazardous substances. If there is an RQ release during the construction period, the following steps must be taken.

1. Notify the National Response Center immediately at 800-424-8802
2. Within 14 days, submit a written description of the release to the IEPA regional office providing the date and circumstances of the release and steps to be taken to prevent another release.
3. Modify the pollution prevention plan to include the above information.

This plan must be kept on site (construction trailer or superintendent vehicle) from the beginning of construction until the site is finally stabilized. The plan and records must be kept for 3 years after the completion of the final site stabilization. The plans and associated records must be made available upon request to the IEPA representative, any state and local agency personel or any other citizen.

Termination

Operators of a construction site must continue to comply with permit conditions until:
1. They no longer meet the definition of an operator of a construction site, or
2. The construction activity is complete, all disturbed areas have been stabilized, and temporary erosion and sediment controls have been or will be removed.

Final stabilization is defined by the IEPA General Permit to mean that all soil disturbing activities at the site have been completed, and that a uniform perennial vegetation cover with a density of 70% has been established for unpaved areas not covered by permanent structures or the equivalent permanent stabilization measures (such as use of rip rap, detention ponds, geo-textiles, etc.) have been employed.

LEGEND

- INLET FILTER
- INLET & PIPE PROTECTION

CONTRACTOR SHALL PLACE A SILT FENCE BARRIER AROUND END SECTIONS, AS INDICATED. (15 LF AT 5 EA. = 75 LF)

CONTRACTOR SHALL PLACE A SILT FENCE BARRIER AROUND EACH STORM INLET AND MANHOLE. (20 LF AT 17 EA. = 340 LF)

Signatures & Certification of Plan

The following persons acknowledge that they have read and understand the pollution prevention plan and associated plan drawings and details and agree to abide by the measures set forth in said plan, drawings, and details.

The undersigned Contractor hereby certifies under penalty of law, that its officers, agents and employees have read and understand the terms and conditions of the General National Pollutant Discharge Elimination Systen (NPDES) permits (ILR 10) and (ILR 40) that authorizes the storm water discharges associated with industrial activity from the construction site covered by this Contract, as well as the terms and conditions of the IEPA Stormwater Management Plan prepared by Austin Engineering Company, Inc. in connection therewith. Contractor hereby agrees to indonnify and save harmless the Owner and the Engineer, its members, manager and the officers, directors, shareholders, employees and agents of the members and manager from and against any and all violations of the NPDES, ILR 10 and ILR 40 and the said Stormwater Management Plan committed by Contractor or Contractor's agents, employees, officers, directors, shareholders, sub-contractors, suppliers and materialmen. Contractor agrees to oversee all work on the site and in particular agrees to monitor compliance with the NPDES, ILR 10 and ILR 40 and Stormwater Management Plan by all persons or entities performing work on the site by, through or under contractor. This indemnity shall inclued but not be limted to fines, penalties, interest, court costs and attorney fees, including trial or appellate fees, incured by the Owner or Engineer as a result of any such violations.

All signatories listed below that will prepare any reports required by this plan or the general permit certify to the following statement:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Robert C Wright — Owner - Village of Morton
Print Name:
_____ — Contractor
Print Name:
Date:

Release of Responsibility for General Contractor

The signatories below acknowledge that they have both mutually agreed that an inspection of the construction site has resulted in termination of responsibility for the General Contractor to comply with the general held by the Owner as of the date listed below.

_____ — Owner - Village of Morton
Print Name:
_____ — Contractor
Print Name:
Date:

J.U.L.I.E. 1-800-892-0123

STORM WATER POLLUTION PREVENTION PLAN W. COURTLAND ST. IMPROVEMENTS	AUSTIN ENGINEERING CO., INC. CIVIL ENGINEERS LICENSE No. 184-001143		
	PEORIA		ILLINOIS
FOR: VILLAGE OF MORTON	REVISED	REVISED	PROJECT NUMBER
DATE 3/21/08 SCALE 1" = 60' BOOK	REVISED	REVISED	SHEET NO. 14 OF 39