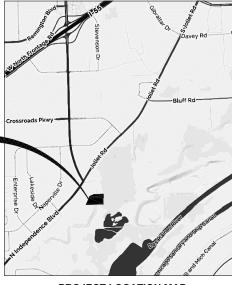
# **RTE. 53 & JOLIET ROAD ROMEOVILLE, ILLINOIS**

LEGEND EXISTING MANHOLE DECIDUOUS TREE INLET EVERGREEN TREE CLEANOUT FLARED END SECTION WATER VALVE BOX BUFFALO BOX (B.BOX) WATER VALVE & VAULT DRAINAGE ROUTE FIRE HYDRANT SILT FENCE LINE GAS VALVE GAS METER SOIL EROSION GEOTEXTILE PROTECTION COMMUNICATION HANDHOLE COMMUNICATION MANHOLE ELECTRIC HANDHOLE LIGHT-DUTY ASPHALT ELECTRIC MANHOLE ELECTRIC METER HEAVY-DUTY ASPHALT EXISTING BUILDING TRAFFIC SIGNAL TRAFFIC HANDHOLE TRAFFIC CONTROL BOX PROPOSED BUILDING LITH ITY POLE STREET LIGHT STREET SIGN MAILBOX SPOT ELEVATIONS PROPERTY LINE ADJACENT PROPERTY LINE SETBACK LINE RIGHT OF WAY LINE





PROJECT LOCATION MAP

PREPARED FOR

VYNERA TRANSPORTATION, INC.

2145 INTERNATIONALE PKWY, STE. 300 **WOODRIDGE, ILLINOIS 60517** 



# INDEX OF SHEETS

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SWPP PLAN 10.

WHOLE SITE EXHIBIT

DETAILS

# STORM WATER DRAINAGE CERTIFICATION

COLINTY OF DUPAGE

I, ALGIS J, RUGIENIS, A REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS, HEREBY CERTIFY THAT ADEQUATE STORM WATER STORAGE AND DRAINING CAPACITY HAS BEEN PROVIDED FOR THIS DEVELOPMENT, SUCH THAT SURFACE WATER FROM THE DEVELOPMENT WILL NOT BE DIVERTIED ONTO AND CAUSE DAMAGE TO ADJACE-FROPERTY PROFERTY FOR STORMS UPT ON AND INCLUDING THE ONE HANDRED (19) YEAR EVENT, AND THAT THE DESIGN PLANS ARE IN COMPLIANCE WITH ALL APPLICABLE STATE, COUNTY AND ULIAGE ORDINANCES.

DATED THIS \_10TH \_ DAY OF \_\_\_\_ AUGUST \_\_\_\_, A.D. 20\_18

SOIL EROSION PLAN CERTIFICATION STATE OF ILLINOIS

I, ALGIS J. RUGIENIUS, A REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS, HEREBY CERTIFY THAT THIS EROSION CONTROL PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND COMPLIES WITH THE URBAN SOIL EROSION CONTROL AND STANDARDS IN LILINOIS (LATEST EDITION) AND THE GENEALLY RECOGNIZED METHODS IN USE IN THE AREA.

DATED THIS 10TH DAY OF AUGUST , A.D. 20 18

ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062-047342 MY REGISTRATION EXPIRES ON NOVEMBER 30, 2019

# NOTICE TO CONTRACTORS

# EXISTING UTILITIES

WHEN THE PLANS OR SPECIAL PROVISIONS INCLUDE INFORMATION PERTAINING TO THE LOCATION OF OVERHEAD ANDIOR UNDERGROUND UTILITY FACILITIES, SUCH INFORMATION REPRESENTS ONLY THE OPINION OF THE ENDIGER AS TO THE LOCATION OF SUCH UTILITIES AND IS ONLY INCLUDED FOR THE CONVENIENCE OF THE BIDDER. THE ENGINEER AND THE OWNER ASSUME NO RESPONSIBILITY WHATSOEVER. CONVENIENCE OF THE BIDDER. THE DINDIERE AND THE OWNER ASSUME NO RESPONSIBILITY WINATSOURCE MERSPECT OF THE SUPPORTING THE PROPERTY OF THE REPORT OF THE SUPPORT OF THE PROPERTY OF THE PROPERT

# ENGINEER'S CERTIFICATION

STATE OF ILLINOIS )
SS.

COUNTY OF DuPAGE)

I. ALGIS J. RUGIENIUS. A REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS. HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY MORRIS ENGINEERING, INC. SIS WARRENVILE ROAD, LISLE, LILINOIS, 60520 LINDER MY PERSONAL DIRECTION. THIS TECHNICAL SUBMISSION BY INTERDED TO BE USED AS AN INTEGRAL PART OF AMO IN COUNLYCTION WITH THE PROJECT SPECIFICATIONS. I FURTHER STATE THAT THE PROPOSED IMPROVEMENTS WILL NOT CAUSE PONDING OR FLOODING ON THE PROPERTY OR ADJACENT PROPERTIES.

DATED THIS 10TH DAY OF AUGUST

ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062-047342 MY REGISTRATION EXPIRES ON NOVEMBER 30, 2017



- 2 5 4 50

ROUTE 53 & JOLIET ROAD ROMEOVILLE, ILLINOIS

6/12/2018

VERT -SHEET

OF\_12\_SHEETS PROJ # 17-PR-1000

COVER SHEET

SITE BENCHMARK

STORM SEWER LINE SANITARY SEWER LINE WATERMAIN LINE UNDERGROUND GAS LINE UNDERGROUND COMM. LINE LINDERGROUND ELECTRIC FENCE LINE GUARDRAII LINE



- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND HEALTHFUL WORKING CONDITIONS IN ACCORDANCE WITH SECTION 107 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION THROUGHOUT THE CONSTRUCTION OF THE PROPOSED MPROVEMENTS.
- SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE URBAN COMMITTEE OF THE ASSOCIATION OF ILLINOIS SOIL AND WATER CONSERVATION DISTRICTS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS AND ALL REVISIONS THERETO AND IN ACCORDANCE WITH THE DETAILS ON THE PALLS ON TH
- THE CONTRACTOR SHALL BE AWARE OF POTENTIAL CONFLICTS WITH EXISTING UTILITIES AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL EXCAVATE AROUND UTILITIES TO DETERMINE ELEVATIONS BEFORE BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL BE DESPONSIBLE FOR NOTIFYING EACH OF THE UTILITY COMPANIES BEFORE ANY WORK COMMENCES. ALL UTILITIES SHALL BE STAKED PRIOR TO CONSTRUCTION.
- THE OWNER WILL FURNISH THE CONTRACTOR WITH LINES, GRADES AND ELEVATIONS NECESSARY TO THE PROPER PROSECUTION AND CONTROL OF
- THE CONTRACTOR SHALL GIVE THE ENGINEER AT LEAST SEVENTY-TWO (72) HOURS NOTICE FOR ANY STAKING TO BE DONE. EACH OF THE VARIOUS ITEMS OF WORK COVERED BY THIS CONTRACT WILL BE STAKED ONCE. ADDITIONS TAKING REQUIRED DUE TO THE CONTRACTOR'S NEGLICIENCE IN PRESERVING THE STAKES SHALL BE PAID FOR BY THE CONTRACTOR AT THE CURRENT
- THE CONTRACTOR SHALL INFORM THE ENGINEER AND THE VILLAGE OF ROMEOVILLE AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION
- TELEPHONE NUMBERS: MORRIS ENGINEERING (630) 271-0770
  VILLAGE OF ROMEOVILLE CONTACT INFORMATION
  MR. JONATHON A. ZABROCKI, P.E. C/O VILLAGE OF ROMEOVILLE PUBLIC WORKS
- THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS AND THE USH HARZ FOR SPALL FAMILIANZE HIMSELF WITH THE FLANS AND SPECIFICATIONS AND SHALL INFORM THE ENGINEER WIMEDIATELY OF ANY SPECIFICATIONS AND SHALL INFORM THE ENGINEER WIND FLANS FOR PERIOD. AND DISCREPANCIES WILL BE CLUSTED THE INFORMETION TO THE BEST OF HIS ARBITY PRIOR TO RECEIP OF BIDS. THE ENGINEER WILL BE UNRECEPTIVE TO CLAMB FOR ADDITIONAL COMPENSATION FOR WORK ITEMS EVALUATED THE PROPERTY WILL BE CAUSED THE STATE OF THE PROPERTY WILL BE CAUSED THE STATE OF TH
- 10. THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY OF ANY LATENT DISCREPANCIES THAT THE CONTRACTOR DISCOVERS DURING THE CONSTRUCTION PROCESS. THE ENGINEER WILL BE UNRECEPTIVE TO CLAIMS FOR ADDITIONAL COMPENSATION FOR WORK PERFORMED TO CORRECT A LATENT CONDITION NOT BROUGHT TO THE ATTENTION OF THE ENGINEER.
- 11. THE CONTRACTOR RESPONSIBLE FOR DRAINAGE IMPROVEMENTS (UNDERGROUND STRUCTURES AND CONDUITS) SHALL DISPOSE OF ALL SURPLUS EXCAVATED MATERIAL FROM TRENCHES OR STRUCTURE EXCAVATIONS AND SHALL DEPOSIT SAID SURPLUS MATERIALS ON THE SITE IN ACCORDANCE WITH THE GRADINE PLAN OR AS DIRECTED BY THE ENGINEER.
- 12. THE CONTRACTOR SHALL NOT PLACE ANY EXCAVATED MATERIAL UPON ANY TOPSOIL. THE TOPSOIL SHALL BE REMOVED FROM ALL AREAS TO BE FILLED AND SHALL BE STOCKPILED IN AREAS AS DIRECTED BY THE ENGINEER.
- 13. THE CONTRACTOR SHALL NOT DISCHARGE INTO STREAMS, PONDS, WETLANDS OR ITS TRIBUTARIES ANY MOTOR OIL, TRANSMISSION FLUID, LUBRICANTS OR ANY OTHER PETROLEUM DISTILLATES, ANY PETROLEUM DISTILLATES DISCHARGED ON THE GROUND SURFACE SHALL BE PROMPTLY AND PROPERLY REMOVED PRIOR TO THE RESUMPTION OF ANY WORK ON THE PROJECT
- 14. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING FIELD TILES. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING FIELD TIES.

  REPARED OR FRANCED BY THE CONTRACTOR AT HIS SOLE SEPSISE.

  INVESTIGATION SHALL BE MADE TO INSURE THAT FIELD TIES DO NOT CONVEY
  OF SITE WATER. THES THAT CONVEY OF SITE WATER SHALL BE REPORTED.

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  CAS COMPACTED IN EIGHT BOTH LIFE STO THE BOTTOM OF THE ROADWAY

  BASE. ESSITING FIELD TIES SHALL BE REPORTED BY SITT PRECIONED.
- THE CONTRACTOR RESPONSIBLE FOR DRAINAGE IMPROVEMENTS SHALL BE RESPONSIBLE TO PLACE ALL FIRE HYDRANTS, FRAMES AND LIDS OR GRATES, AND ALL GRATES FOR MANHOLES, CATCH BASINS, INLETS AND VALVE VALUTE SOURCE. AND ALL GRA LES FOR MANHOLES, CATCH BASINS, INLETS AND VALVE VAULT AT THE ELEVATIONS SHOWN AND SPECIFIED ON THE PLANS. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR SAID ADJUSTMENT AND THE COST OF SAID ADJUSTMENT SHALL BE INCLUDED IN THE UNIT PRICE FOR THE VARIOU DRAINAGE STRUCTURES MENTIONED ABOVE.
- 18. ALL MANHOLES SHALL HAVE CONCRETE INVERTS CONFORMING TO THE SHAPE OF THE PIPE. CONCRETE INVERTS SHALL BE PLACED IN THE PIELD AND THE COST OF CONCRETE INVERTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS INLETS AND MANHOLES.
- WHERE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER, EXI WHERE SHOWN ON THE EAST SON DIRECTED BY THE ENGINEER, EXISTING DOWNLOADS TRUCKERS AND SYSTEMS SHALL BE CLEARED OF DEBINS AND DOWNLOADS SHALL BE CLEARED OF DEBINS AND SYSTEMS STRUCTURES AND CONTRACT UNIT PRICE PER EACH FOR WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR SYSTEMS WHICH SHALL BE PAYMENT IN FULL FOR CLEANING, PATCHING, REMOVAL AND DEPOSAL OF DEBINS AND DEFINITION OF STRUCTURES AND SYSTEMS OF SYSTEMS OF THE SYSTEMS AND SYSTEMS OF THE SYSTEMS AND SYSTEMS OF THE SYSTEM SYSTEMS OF THE SYSTE
- I. THE CONTRACTOR SHALL KEEP PUBLIC STREET PAVEMENTS CLEAN OF DIRT AND DEBRIS AND, WHEN NECESSARY, SHALL ON A DAILY BASIS CLEAN THE PAVEMENT OF SUCH DIRT AND DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS.
- DETAIL ON THE PLANS. THE COST OF THE BEDDING SHALL BE INCLUDED IN THE UNIT PRICE PER LINEAL FOOT OF THE VARIOUS SIZES OF STORM SEWER. NO ADDITIONAL COMPENSATION WILL BE MADE FOR PIPE BEDDING
- 20. THE CONTRACTOR SHALL PLACE TOPSOIL AT A 6" MINIMUM DEPTH AND SEED OR SOD ALL AREAS DESIGNATED BY THE ENGINEER.

## GENERAL NOTES (CONT.)

- 21. THE CONTRACTOR SHALL EVANINE THE DRAINAGE PATTERNS SHOWN ON THE THE CONTRACTOR STRUCL EXAMINE THE DYNINGE PATTERNS SHOWN ON THE PLANS AND MAKE CERTAIN THAT ALL OVERFLOW POINT ELEVATIONS AND CROSS SECTIONS ARE CONSTRUCTED STRICTLY IN ACCORDANCE WITH THOSE SHOWN ON THE PLANS.
- 22. ALL CONSTRUCTION SHALL CONFORM WITH THE PERMIT PLANS AND REVISIONS THERETO APPROVED BY THE VILLAGE AND UTILITIES COMPANIES.
- 23. THE CONTRACTOR SHALL CONTACT J.U.L.I.E. (1-800-892-0123) PRIOR TO ANY THE CONTRACTION SHALL CONTRICT JULIE (1980) 9220 (23) PRIOR TO ANY WORK IN THE RIGHT OF WAY OR EASEMENTS TO LOCATE UTILITIES, AND CONTACT THE OWNER'S REPRESENTATIVE SHOULD PUBLIC UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- 24. ALL WORK HEREIN PROPOSED SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF ILLINOIS ENVIRONMENTAL PROTECTION. AGENCY, THE MUNICIPALITY, AND ALL PERTINENT LAWS, DIRECTIVES, ORDINANCES AND THE LIKE SHALL BE CONSIDERED TO BE A PART OF THESE
- 25. THE VILLAGE OF ROMEOVILLE DETAILS SUPERSEDE ALL OTHERS.
- 26. ALL NEW CURB THAT MEETS EXISTING CURB WILL HAVE THREE DRILLED AND GROUTED #5 REINFORCING BARS OR EXPANSION TIE ANCHORS, 5/8" DIAMETER FOR EACH NEW CURB ADJACENT TO EXISTING CURB.
- 27. FOR STRUCTURE ADJUSTMENT MINIMUM OF 6" (2 @ 3") ADJUSTING RINGS (10" MAX) CONCRETE RINGS WILL BE 3" MINIMUM. RUBBER CAN BE 1" - 3" AND MUST BE USED FOR TOP ADJUSTING RING IN PAVED AREAS. "EJIW INTRA-RISER RUBBER COMPOSITE ADJUSTMENT RISERS" OR APPROVED EQUAL.
- 28. ADD AN INTERNAL/EXTERNAL ADAPTOR SEAL ON THE ADJUSTED SANITARY MANHOLE. THE "VE A" SEAL STOPS INFLOW BETWEEN THE MANHOLE FRAME AND THE TOP ADJUSTING RING AND IT ALSO SEALS THE MANHOLE CHIMNEY FROM THE FRAME TO THE CORBEL. ONE VENDOR OF THIS SEAL IS ADAPTOR
- 28. THE DEVELOPER IS REQUIRED TO HAVE A GEOTECHNICAL ENGINEER ON-SITE TO MONITOR DAITHMON AND THE GRADING ACTIVITY, MORDER TO DESIT! TO MONITOR DAITHMON AND THE GRADING ACTIVITY, MORDER TO DESIT MAJER AND ALTERS COMMITTING TO THIS REQUIREMENT MUST BE ADOBED THE FLANKS NOW ALTERS COMMITTING TO THIS REQUIREMENT MUST BE PROVIDED BY THE DEVELOPER. IN ADDITION, DAILY REPORTS AND COPIES OF ALL GEOTECHNICAL TESTING TESTING AND FREQUENCY BY ACCORDINGE WITH THE IDD TSTATE SPECIFICATIONS) MUST RESUMBLY TO THE VILLAGE OF ROMOVOULD GOVERN THE ROMOVER'S HAVE

# PROJECT SPECIFICATIONS AND GENERAL CONSTRUCTION NOTES

THE PROJECT SECIFICATIONS AND GENERAL CONSTRUCTION NOTES SHALL

- 2. PERMITS SHALL BE OBTAINED FROM ALL OUTSIDE GOVERNMENTAL
- ALL STRUCTURE ADJUSTEMENTS SHALL BE ACCOMPLISHED IN CONFORMANCE WITH THE MOST RECENT VILLAGE STANDARD:
- EXISTING FIELD TILES ENCOUNTERED DURING CONSTRUCTION SHALL BE EITHER INTEGRATED INTO THE SITE DRAINAGE SYSTEM, REMOVED OR PLUGGED IN A MANNER DEEMED APPROPRIATE BY THE VILLAGE ENGINEER;
- THE DEVELOPER SHALL BE RESPONSIBLE FOR ALL ADJUSTMENTS BEFORE AND AFTER FINAL INSPECTION, PRIOR TO FINAL ACCEPTANCE BY THE VILLAGE OF ROMEOVILLE;
- THE VILLAGE MUST HAVE FORTY-EIGHT (48) HOURS NOTICE PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITY;
- THE TESTING AND STERILIZATION OF ALL NEW WATER DISTRIBUTION FACILITIES SHALL BE COMPLETED PRIOR TO MAKING WATER SERVICE TAPS BY AN OUTSIDE TESTING SERVICE.
- 8. MATERIAL SPECIFICATIONS COMPLY WITH VILLAGE STANDARDS AND
- A PAVING BASE MATERIALS
- B. PAVING SURFACE MATERIALS
- C CONCRETE MATERIALS
- D. PIPE MATERIALS.

## EXCAVATION

ALL SITE OF EARING EXCAVATION GRADING COMPACTION SURGRADE PREPARATION, BASE COURSE, SURFACE COURSE, PCC CURB AND GUTTER AND SIDEWALKS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS, LATEST FOILUR.

EARTHWORK UNDER THIS CONTRACT SHALL INCLUDE THE FOLLOWING:

- A. REMOVAL OF EXISTING VEGETATION WITHIN CONSTRUCTION LIMITS FROM
- A REMOVAL OF EXISTING VEGETATION WITHIN CONSTRUCTION LIMITS FF THE STIEL.

  THE STIEL STIELL STATE ARE AS DIRECTED BY THE OWNER'S REPRESENTATIVE WITH APPROVED FENDING.

  C. STREPPING OF ALL TOPSCIL AND OTHER UNBUTTABLE MATERIALS FROM BUILDING AND/OR PAVEMENT AREAS AND REMOVAL FROM SITE OF ALL EXCESS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING THE REQUIREMENTS OF ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL ORDINANCES. THE COST OF ALL WORK NECESSARY TO MEET THESE REQUIREMENTS SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT, AND NO SEPARATE PAYMENT WILL BE MADE

THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IF PROPER COMPACTION CANNOT BE OBTAINED SO THAT THE OWNER'S REPRESENTATIVE MAY DETERMINE WHAT REMEDIAL MEASURES MAY BE NEEDED.

EXISTING GRAVEL COMPACTION TO BE TESTED OR SOIL BORINGS TO BE MADE TO VERIFY SUITABILITY OF EXISTING GRAVEL AS SUBGRADE.

## STORM SEWER NOTES

- STORM SEWED JOINTS MIJST BE ELEVIRLE CASKET OLDINGS DED ASTMICSRI ASTM C433, AND ASTM C1619
- FOR CLOSED LID STRUCTURES, FRAME AND COVER SHALL BE EAST JORDAN 1022Z3 EMBOSSED WITH "STORM" AND VILLAGE OF ROMEOVILLE."
- WHEN LITH ITY STRUCTURE ADJUSTMENT IS NECESSARY. A MINIMUM OF TWO WHEN UTILITY STRUCTURE ADJUSTMENT IS NECESSARY, A MINIMUM OF TWO ADJUSTING RINGS (MIN 6" ADJUSTNOH ERIGHT) AND MAXIMUM OF THREE RINGS (MAX 10" ADJUSTNOH FIGHT). NO 1" OR 2" CONCRETE RINGS ARE ALLOWED, UNDER PAYED AREAS, TOP RING SHOULD BE RUBBER. USE ONE (1) EJIW INFRA-RISER RUBBER COMPOSITE.

ROUTE 53 & JOLIET ROAD ROMEOVILLE, ILLINOIS

PLAN

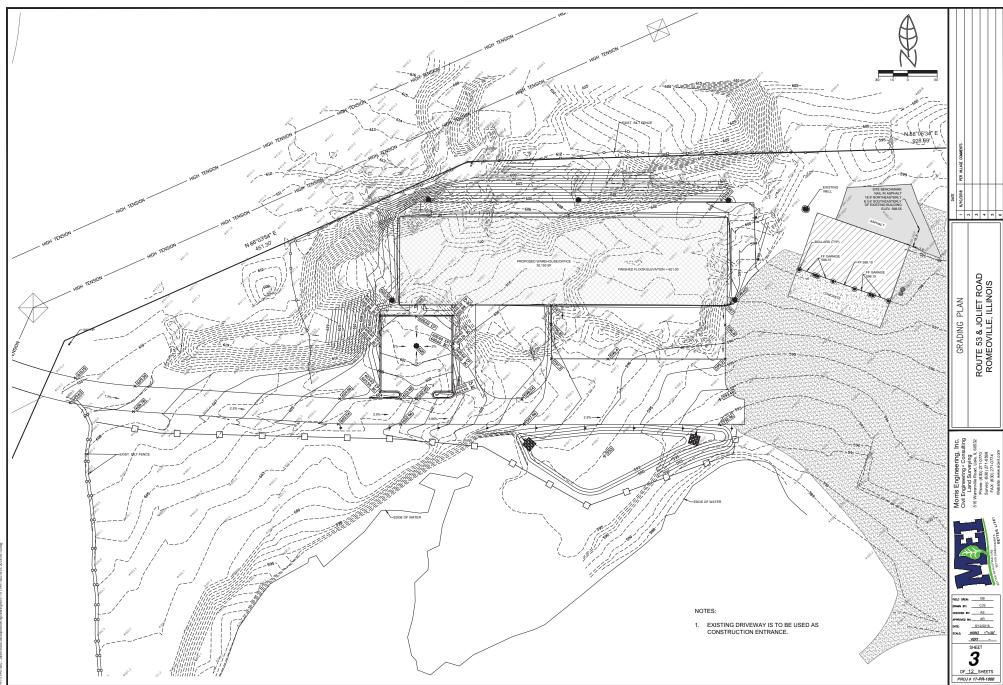
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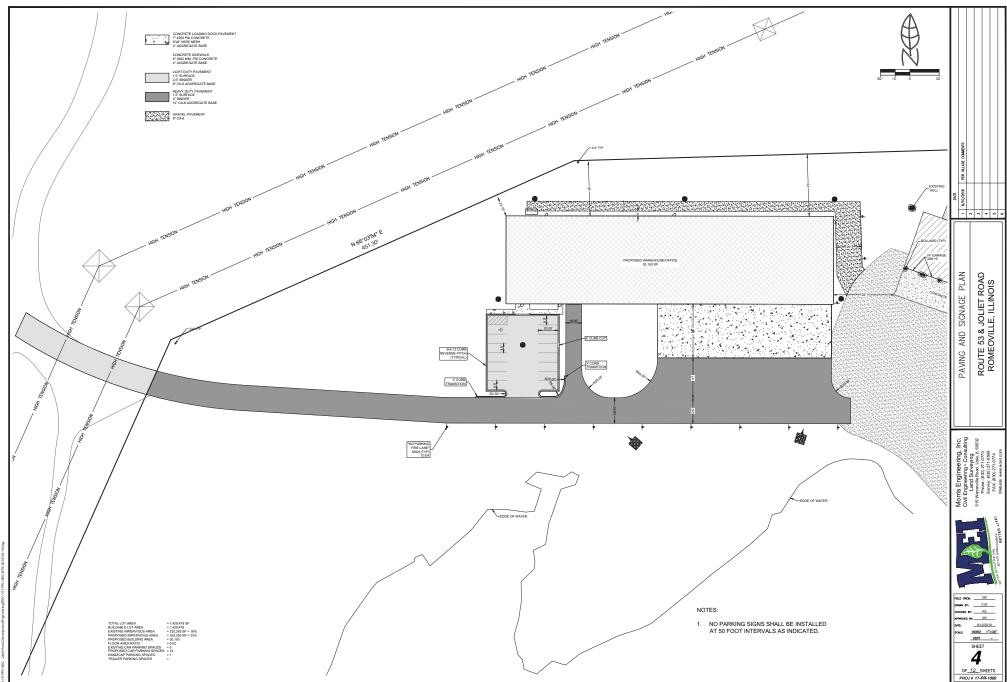


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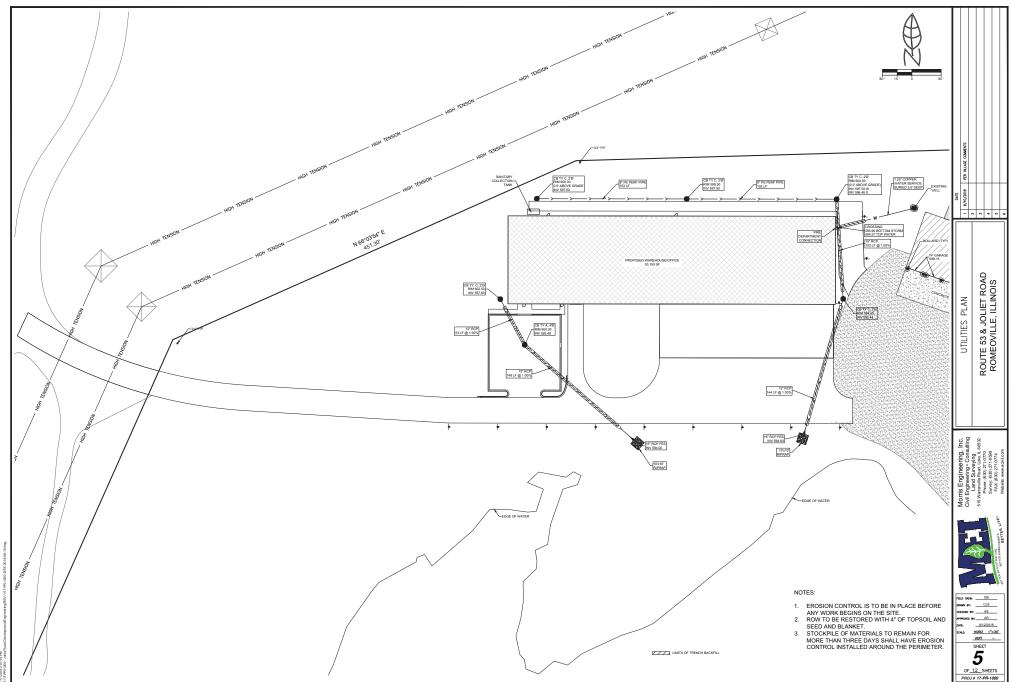
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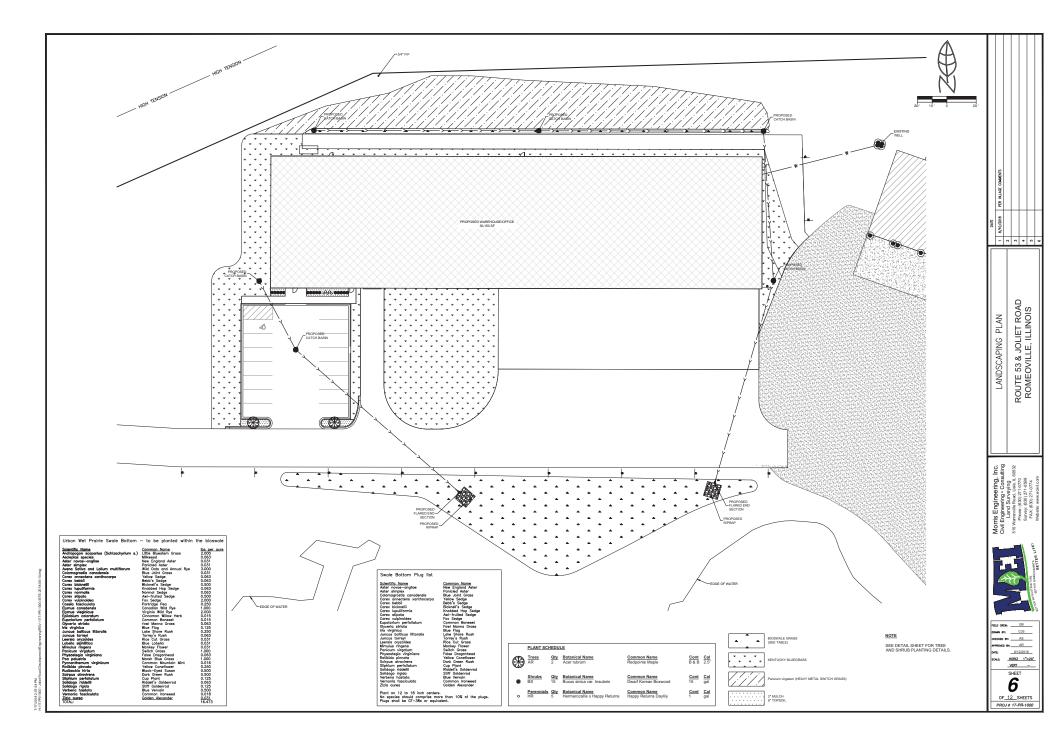
LAGE REQUIRES SUBMISSION OF RECORDED VIDEO INSPECTIONS OF ALL BLIC STORM SEWER.





3.2:07:54 PM 1100 - Julet Road Development Engineering REV-1117-PR-1000-SITE-2





### 1. SITE DESCRIPTION

- A. The following is a description of the nature of the construction activity: Construction of a 25,600 s.f. warehouse/office facility. The construction activities for the site improvements will include: mass grading, pavement construction, installation of utilities including storm sewers, soil encolar and sedimentation control measures, at a minimum.
- B. The following is a description of the intended sequence of construction activities which will disturb soils for major portions of the construction site:

- Los prosposos de consistente respente, surigen tecles.

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  Construct Sudding

  Los de la fine control de la fine ce cannot has of skipo)
- Install roadway and parking pavement
  Permanently stabilize detention basins with see and erosion control blanket
  Remove all temporary soil erosion and sediment control measures after the site is stabilized with vegetation
- C. The site has a total acreage of approximately 4.35 acres. Construction activity will disturb approximately 4.35 acres of the site.
- An estimated runoff coefficient of the site after construction activities are completed is \_\_\_\_\_.
   Existing data describing the soil or quality of any discharge from the site is included in \_\_\_\_.

- Refer to sheets for a site plan indicating: drainage patients; approximate elopes anticipated before and after major grading activities; proportional properties of the pro

- locations where vehicles enter or ext me set and controls; marcas of soil disturbance; the location of major structural donorstructural controls; the location of areas where stabilization practices are expected to occur; such water (location gwellands); and locations where stem water is elichanged to a surface water.
- The name of the receiving water(s) is(are)
  The name of the ultimate receiving water is
  The extent of wetland acreage at the site is \_\_\_\_\_acres.
- G. Potential sources of pollution associated with this construction activity may include:

- sediment from disturbed soils portable sanitary stations fuel tanks stagling areas waste containers chemical storage areas oil or other petroleum products

- abrillarives
  solvents
  solvents
  detergents
  fertilizers
  raw materials (e.g., bagged portland cement)
  construction debris
  landscape waste
  concrute and concrete trucks
  litter
- 2 CONTROLS

This section of the SESC Plan addresses the various controls that should be implemented for each of the major construction activities described in the "Stile Description" section. For each measure identified in the SWPPP, the contractor(s) or subcontractor(s) that will implement the measure should be engited to signify and use of the measure should be engited to signify an acpoy of the certification statement from Part IV.F. of the LR10 Permit (in accordance with Part VI.G. - Signatory Requirements, of the LR10 Permit, it signed certification statements should be maintained in the SWPP and statements should be maintained in the SWPP and statements should be maintained in the SWPP and statements from the statements should be maintained in the SWPP and statements should be swell and statements should be maintained in the SWPP and statem

A Approved State or Local Plans

The management practices, controls and other previousns contained in the SURPPP shade be at least as protection as the requirements content in the Blacks Department of Apricalitaries Shader Resources Conservation Services Blacks (Services Services Service

The soil erosion and sediment control measures for this site should meet the requirements of the following a

- B. Control Implementation Schedule

best languagement Practice and the implemented on an accordance base is protect wear quality. Permitter controls of the state of the st

C. Erosion and Sediment Controls

The appropriate soil encoion and sodiment controls should be implemented on site and should be modified to reflect the current phase of construction. All temporary sediment and encoion control measures should be repaired or replaced as soon as practication to maintain NPDEs compliance. Permittee or an authorized agent in responsible for impeding all scalement and encoion control measures at a minimum of every 7 calendar days and within 24 hours of the end of a 0.5-inch (or greater) rain event, or snowfall equivalent.

Unless otherwise indicated, all vegetative and structural erosion control practices should be installed to the Standard Practice. The contractor is responsible for the installation of any additional erosion and sediment control measures necessary to minimize erosion and sedimental onas determination and sedimental onas determination and sedimental onas determination.

Stabilization Practices - Areas that will not be paved or covered with non-erosive material should be stabilized using
procedures in substantial conformance with the Illinois Urban Manual. This SESC Plan includes site-specific soil erosion and
sediment confrol measures. Additional erosion controls should be implemented as necessary, as determined by the Enginee

The following temporary and permanent stabilization practices, at a minimum, are proposed

Site-specific scheduling of the implementation of these practices is included in the Soil Protection Chart. A record of the dates when major grading activities cours, when construction activities cease on a portion of the site, and when stabilization measures are instituted should be insufficied in the Sivery and site of the site.

Except as provided in paragraphs (a) and (b) below, stabilization measures shall be initiated as soon as practicable on portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 7 days after the construction activity on that portion of the site has temporarily or permanently ceased.

- (a) Where the initiation of stabilization measures by the 7th day after construction activity temporarily or permanently ceased is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.
- (b) Where construction activity will resume on a portion of the site within 14 days from when activities ceased, (e.g., the total time period that construction activity is temporarily ceased is less than 14 days) then stabilization measures do not have to be initiated on that portion of site by the 7th day after construction activity temporarily ceased.
- Structural Practices. Provided below is a description of structural practices that should be implemented, to the degree attainable to diver those from expound coils, does flower or or otherwise limit unrunif and the discharge of pollutants from exposed areas of the site. Structural practices should be placed on upland soils to the degree practicable. The installation of the following devices may be subject to Section 404 of the Clean Water Act.

D. Storm Water Management

Provided below is a description of measures that will be installed during the construction process to control the pollutants in storm water discharges that will occur after the construction operations have been completed. The installation of these devices may be subject to Section 494 of the Clean Water Act.

- The practices selected for implementation were determined on the basis of technical guidance contained in IEPA's Illinois Urban Manual. Federal. State, and/or Local Requirements. The storm water management measures include:
- storm sewer existing detention basin
- Vébodly dissipation devices, such as rip-rap aprons at flared end sections or level spreaders, shall be placed at dischange locations and along the length of any cottal channel as necessary to provide a non-ensive velocity flow from the structure to a maintenance of hydrologic conditions, such as the hydroperoid and hydrolynamics present prior to the initiation of construction activities).

E. Waste Management

Edd sear adeales in-adding large, continuation faiths, a secence oranteciden materials, markinary took and other large all baccelerated and deposits of off all by the controller. The contraction is represented to anyther the present required for such large. Because of the faith of the controller compared to anyther the present required for such large. Because of the faith, and the descharged to William of the faith, and the descharged to William of the faith of the fai

On-site hazardous material storage should be minimized and stored in labeled, separate receptacles from non-hazar bazardous waste should be disposed of in the manner specified by Local or State regulation or by the manufacturer

F. Concrete Waste Management

Concrete waste or washout should not be allowed in the street or allowed to reach a storm water drainage system or watercourse. When practicable, a stign should be posted at each location to identify the washout. To the other practicable, concrete washout areas should be located an erasonable delinente from a storm water drainage left or watercourse, and should be located at least 10 feet behind the cut, if the weathout area is adjacent to a prevel road. A stabilized entrance that meets Illinois Urban Manual standards should be installed at each vashout area.

The containment facilities should be of sufficient volume to completely contain all liquid and concrete waste materials including enough capacity of an employ capacity for anticipated levels of rainwater. The defended concrete waste material included be giolest up and disposed of properly when 75% capacity is reached. Hardened concrete can be properly recycled and used again on site (as approved by the Engineer) or haded off all set on approprists learned.

G. Concrete Cutting

Concrete waste management should be implemented to contain and dispose of saw-outling sturries. Concrete cutting should not take place during or immediately after a rainfall event. Waste generated from concrete cutting should be cleaned-up and disposed into the concrete washort facility as described above.

H. Vehicle storage and maintenance

When not in use, construction wholese should be about in a dispersable anneal) calculated of the regulatory foresholds; many form any returnation or created entercourse, poor, desirange or certain desiranges in continuous processing anneal) from manifestation or created entercourse, proceedings and consistent processing anneal from manifestations of the continuous continuous contractions and continuous c

Materials and/or contaminants should be stored in a manner that minimizes the potential to discharge this about dischine or manner that minimizes the potential to discharge this about dischine the properties of the properties o

The following good housekeeping practices should be followed on site during the construction project

- An effort should be made to store only enough product required to do the lob.
- All materials stored on site should be stored in a neat, orderly manner in their appropriate containers and adequately protected from the environment.
- Products should be kept in their original containers with the original manufacturer's label. Substances should not be mixed with one another unless recommended by the manufacture
- Operations should be observed as necessary to ensure proper use and disposal of materials on site.
- Whenever possible, all of a product should be used up before disposing of the container.
- Manufacturer's recommendations for proper use and disposal should be followed.
- J. Management of Portable Sanitary Stations

To the extent practicable, portable sanitary stations should be located in an area that does not drain to any protected natural areas, Waters of the State, or storm water structures and should be anchored to the ground to prevent from tipping over. Portable sanitary stations located on imprevious surfaces should be placed on to pot a secondary containment device, or the surrounded by according deviction for a secondary containment device, or the surrounded by a control device (e.g., gravel-bag berm). The contractor should not create or allow unsanitary conditions. Sanitary waste should be disposed of in accordance with supplicable State and for Local regulations.

K. Spill Prevention and Clean-Up Procedures

Manufacturer's recommended methods for spill clean-up should be available and alle personnel about the made aware of the personnel and the location of the information and clean-up supplies. Methods and equipment recessary for spill clean-up should keep in the material storage was no site. Equipment and materials should include, but are full find to Journel, dast pears, maps, gives, goggles, killy litter, sand, sawdust and plastic and/or metal trash containers specifically for this purpose.

Spills in excess of Federal Reportable Quantities (as established under 40 CFG Parts 110, 117, or 302), should be reported to the National Response Center by Califor (800) 424-8802. MSISS often include information on Federal Reportable Quantities for materials. Spills of train or handstorus instraints should be reported to the appropriate State or Local government agency, as required. When cleaning up a spill, the area Should be kept well verificated and appropriate personal protective equipment should be used to minimize injusy from costical with a hazarcious subdation.

In addition to the good housekeeping and other management practices discussed in the previous sections of these Notes, the following minimum practices should be followed to reduce the risk of spills:

- On-site vehicles should be monitored for leaks and should receive regular preventative maintenance to reduce the chance of leakage
- Contractors should follow the manufacturer's recommendations for proper use, storage, and disposal of materials. Excess materials should be disposed of according to the manufacturer's instructions or State and Local regulations, and should not be discharged to the storm sewer or waterbody.
- De-Watering Operations

During dis-watering/jumpling operations, only uncontaminated water should be allowed to discharge to protected natural areas, surface of the State, or to a storm sever system in accordance with Local permits, I shirt hoses should be placed in a stabilized surface of the state o

M. Off-Site Vehicle Tracking

The site should have one or more stabilized construction entrances in conformance with the Plan details. Stabilized construction entrance(s) should be installed to help reduce which tending of adminerts. Streets should be swept as needed to reduce excess sedement, dirt. or short bracked from the site. Maintenance may include by directing the abilized entrance with additional stores are moving top layers of store and sediment, as needed. Vehicles hauling enoble material to and from the construction site should be covered with a tark.

N. Topsoil Stockpile Management

If topical is to be stockpiled at the site, select a location so that it will not erode, block drainage, or interfere with work on site. Topical stockpiles should not be located in the 100-year floodplain or designated until protecting. Waters of the State. During construction of the project, soil solicipals should be stabliced or protected with endement trapping measures. Perimeter controls, such as self there, such as self there, such as self there, such as self-tended to the state of the sta

O. Dust Control

Dust control should be implemented on site as necessary, Repetitive treatment should be applied as needed to accomplish control when temporary dust control measures are used. A water trusk should be present on site (or available) for seprishing/irrigation to limit the amount of dust leaving the site. Watering should be applied daily (or more frequently) to be effective. Caustion should be used not to overwater, as them may cause ensorable.

If field observations indicate that additional protection from wind erosion (in addition to, or in place of watering) is necessary, alternative dust suppressant controls should be implemented at the discretion and approval of the Engineer and/or Primary Contact.

MAINTENANCE

Maintenance of the controls incorporated into this project should be performed an recoded to assure that continued effectiveness. This includes prorugh and effective repair ander replacement or defelicate control measures. The following is a description of procedures that should be used to maintain, in good and effective operating condition, erosion and sediment control measures and other protective measures identified in the SESC Plan and Standard Spocifications.

Dust control: when temporary dust control measures are used, repetitive treatment should be applied as needed to accomplish control

Sil fances: Silt fances should be inegreted regularly for undersuting where the fence meet the ground, contropping, and fance along the length of the fence. Delictioncies should be regarded immediately. Remove accommissed sealments from the fence base when the sendment reaches one-half the fence height. During final stabilization, properly dispose of any sealment that has accumulated on the sift fence. Alternative sealment control measures should be considered for alone where sift fence controllarly falls.

Stabilized construction entrance: The stabilized construction entrances should be maintained to prevent tracking of sediment onto public streets. Maintenance includes top dressing with additional stone and removing top layers of stone and sediment. The sediment tracked onto the public right-dway broad be removed immediately.

Temporary sediment traps: Temporary sediment traps should be inspected after each period of significant rainfall. Remove sediment and restore the trap to its original dimensions when the sediment has accumulated to one-half the design depth of the personnent properties the sediment that is removed in a designated disposal and. Deck the structure of extragels from enclosing or joint, Affect and a sediment producing areas have been premanently stabilized, remove the structure and all unstable sediment. Grade the area to believe with the subjecting quasar and stabilizer propriety.

The Permittee (or their authorized representative) will be responsible for conducting site inspections in compliance with the ILR10 NPDES Permit. After each inspection, a report should be prepared by the qualified personnel who performed the inspection. The inspection report should be maintained on site as part of the SWPPP.

Inspections should be conducted at least once every seven calendar days and within 24 hours of the end of a storm event that is 0.5 inches or greater, or equivalent snowfall.

Each inspection should include the following components.

- A. Disturbed areas and areas used for the storage of materials that are exposed to preoplation about be inspected for evidence of, or the paterials for, pollutants entering the distances yellow. The enterior and sedemin control measures dentified in the SWPP described for the SWPP and the sedemin a
- B. Based on the results of the inspection, the description of potential pullutant sources identified, and the pollution prevention measures described in the SWPPP should be revised, as appropriate, as soon as practicable after the inspection. The modificat if any, shall provide for timely implementation of any changes to the SWPPP within 7 calendar days following the inspection.
- C. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, rapper observations reliating to the inspection, and actions taken in accordance with personal, B, above school do be made and retained as part of the SWPPP for all bast three years from the date that permit coverage expires or is terminated. The report shall be septiend a concordance with Part VI.O. (Signatury Requirements) of the LLTO AVPESS Permit
- D. The Permittee shall notify the appropriate agency feel operations section office by email at <u>opc. secretocomp@littinist.gov.</u>

  chairword cuting any inspection conducted for violation of any condition of this permit. The Permittee shaded complete and statelline days are inspected from Complete and statellines of the Complete from the Com
- E. All reports of non-compliance shall be signed by a responsible authority as defined in Part VI.G. (Signatory Requirements), of the ILR10 NPDES Permit.
- F. After the initial contact has been made within the appropriate agency field operations section office, all reports of non-compliance shall be mailed to IEPA at the following address:

Illinois Environmental Protection Agency Division of Water Pollution Control Compliance Assurance Section Compliance Assurance Section 1021 North Grand Avenue East Post Office Box 19276 Contentield, Illinois 62794-9276

5 NON-STORM WATER DISCUARGES Except for flows from fire fighting activities, possible sources of non-storm water that may be combined with storm water discharges associated with the proposed activity, are described below:

- water used to control dust;
  Pavement wash awaters where spills or leaks of toxic or hazardous materials have not occurred (unless spilled materials have been enemyed) and where delargerist are not used;
  Impalson dichows.
- Irrigation ditches; Uncontaminated ground water; and. Foundation or footing drains where flows are not contaminated with process materials such as solvents; Landscape irrigation drainages; Uncontaminated air conditioning condensate.

Pollution prevention measures should be implemented for non-storm water components of the discharge. NOTE: ALL SEDIMENT TRAPS ARE DESIGNED FOR A 1 YEAR - 24 HOUR STORM EVENT.

- VILLAGE OF ROMEOVILLE EROSION CONTROL NOTES All access to and from the construction site is to be restricted to the construction entrance
- All temporary and permanent erosion and sediment control practices must be maintained and repaired as needed to assure effective performance of their intended function.
- Major amendments of the site development or erosion and sedimentation control plans shall be submitted to the Department of Community Development to be approved in the same manner as the original plans.
- Any sediment reaching a public or private road shall be removed by shoveling or street cleaning (not flushing) before the end of each workday and transported to a controlled sediment disposal. All temporary erosion and sediment control measures shall be disposed of within 30 days after the final site stabilization is achieved with nermanent soil stabilization measures.
- Disturbed areas shall be stabilized with temporary or permanent measures within 7 calendar days following the end of active disturbance or redisturbance.
- If dewatering devices are used, discharge locations shall be protected from erosion. All pumped discharges shall be routed through appropriately designed sediment traps or basins.

# SOIL PROTECTION CHART

н													
	STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
l	PERMANENT SEEDING			+A_						-			
ı	DORMANT										В		
ı	SEEDING			_									_
ı	TEMPORARY			.c				D					
ı	SEEDING						_			_			
ı	SODDING			E**						_			
ı										_			
ı	MULCHING												_
н		-										$\overline{}$	_

- KENTUCKY BLUEGRASS 90 LBS/ACRE MIXED WITH PERENNIAL RYGRASS 30 LBS/ACRE.
- C SPRING OATS 100 LBS/ACRE D WHEAT OR CEREAL RYE 150 LBS/ACRE.
- KENTLICKY BILLIEGRASS 135 I BS/ACRE
  - E SOD
  - F STRAW MULCH 2 TONS/ACRE.
  - \* IRRIGATION NEEDED DURING JUNE AND JULY
  - \*\* IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD

CONTRACTOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTIANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR10) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS

PERMIT #: ILR10	
	DATE
CONTRACTOR SIGNATURE	
	TELEPHONE NUMBER
PRINTED NAME AND TITLE	
NAME OF CONTRACTING FIRM	
NAME OF CONTRACTING FIRM	
STREET ADDRESS	
CITY, STATE, ZIP CODE	
FRADE/ RESPONSIBILITIES:	

NUTE:
ALL CONTRACTORS PERFORMING WORK ON THIS SITE ARE REQUIRED TO SIGN A CONTRACTOR CERTIFICATION
STATEMENT AS ILLUSTRATED ABOVE. THE SIGNED STATEMENTS WILL BE MAINTAINED ON THE SITE WITH THE SWEDD

ring, Considing Ang See, IL 20770 Morris Engineering • C Cwil Engineering • C Land Surveyi 515 Warrerwille Road, La Phone: (630) 271-1 Survey: (830) 271-1

- 4 7 4 5 6

ROUTE 53 & JOLIET ROAD ROMEOVILLE, ILLINOIS

PLAN

CONTROL

EROSION



CKED BY: AS NOVED en\_\_\_AR 6/12/2018 HORIZ -VERT -SHEET

OF\_12\_SHEETS PROJ # 17-PR-1000

