INTERIM REMEDIAL MEASURE

ELMIRA HIGH SCHOOL
ELMIRA, NEW YORK

JUNE 2017

PREPARED FOR:
UNISYS CORPORATION
CORPORATE ENVIRONMENTAL AFFAIRS
3199 PILOT KNOB ROAD
MS F1805
EAGAN, MN 55121

PREPARED BY: Beech and Bonaparte\textsuperscript{D} engineering p.c.
an affiliate of Geosyntec Consultants
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LATHAM, NEW YORK 12110
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SOURCE: "ELMIRA, NEW YORK" USGS 7.5' QUANDRANGLE, 2013

UNISYS CORPORATION
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3199 PILOT KNOB ROAD
MS F1805
EAGAN, MN 55121

WEB: www.unisys.com
PHONE: (763) 553-5500
FAX: (763) 553-5550
NOTES:
1. EXISTING TENNIS COURT SURFACE AND FENCING TO BE REMOVED BY OTHERS PRIOR TO THE START OF THE WORK.
2. SEE DRAWING 2 FOR GENERAL NOTES.
 EXISTING CONDITIONS - SOUTH

INTERIM REMEDIAL MEASURE

ELMIRA HIGH SCHOOL
ELMIRA, NEW YORK

NOTES:
1. SEE DRAWING 2 FOR GENERAL NOTES.

LEGEND
- MONUMENT
- CATCH-BASIN
- CULVERT PIPE
- GROUND WIRE
- PROPERTY LINE
- EXISTING CURVATURE LINE
- EDGE OF WATER
- EDGE OF WOODS OR BRUSH
- BURIED ELECTRIC CABLE
- BURIED GAS LINE
- STORM SEWER
- NATURAL GAS LINE
- WATER LINE
- COMMUNICATION LINE
- EXCAVATION LIMITS
- TRASH MONITORING WALL
- LIMIT OF CONSTRUCTION DISTURBANCE

SCALE IN FEET
30'
60'

PROJECT:
SITE:
TITLE:
APPROVED BY:
REVIEWED BY:
DRAWING NO.:
OF
DRAWN BY:
DESIGN BY:
CHECKED BY:
FILE:
PROJECT NO.:
DATE:
REV
APP
DESCRIPTION
DRN
TSJ
WMS/AK
BGF
WMS/AK
BGF
WMS/AK

0-5-17
95% DESIGN - ISSUED FOR BID
0-26-17
ADDRESS NYSDEC COMMENTS
5-12-17
ADDRESS NYSDEC COMMENTS
5-31-17
REVISE EXCAVATION AREAS AND SOIL STOCKPILE LOCATION
6-13-17

NOTES:
1. SEE DRAWING 2 FOR GENERAL NOTES.

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ADDRESS NYSDEC COMMENTS
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6-13-17

NOTES:
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NOTES:

1. EXCAVATE UPPERMOST FEET OF SOILS.

2. SEE DETAIL T. DRAWN FOR A TYPICAL CROSS SECTION OF THE EXCAVATION BACKFILL.

3. SEE SECTION 1.2 FOR REQUIREMENTS REGARDING EXCAVATION.

4. DO NOT ACCESS THE NORTH EXCAVATION AREA VIA THE FOOTBALL FIELD.

5. EXCAVATION SOILS SHALL BE SAMPLED AND STACKED IN THE MATERIAL STAGING AREA FOR

6. SAMPLING PER THE APPROVED IRM WORK PLAN.

7. PLACES EXCAVATION LAYERS MUST BE BOTTOM OF EXCAVATION UP TO BACKFILLING. SEE

8. DETAIL T. FOR DRAWING.

9. ALL MATERIALS IMPORTED TO THE SITE MUST INCREASE THE REQUIREMENTS OF DER-10 SECTION 5.4(e) AND

10. APPLIED TO THE APPROVED IRM WORK PLAN. SEE SECTION 02110 FOR REQUIREMENTS REGARDING EXCAVATION.

11. SEE DETAIL 7, DRAWING 9 FOR A TYPICAL CROSS-SECTION OF THE EXCAVATION BACKFILL.

12. SEE DRAWING 2 FOR GENERAL NOTES.

13. EXCAVATION AND LOAD OUT OF ALL MATERIALS EXCEPT MATERIAL UNDER ASPHALT DRIVE AND

14. TRUCKS WILL BACK IN ON ASPHALT DRIVE BUT NOT ENTER THE EXCAVATION AREA. TRUCKS LOADED WITH BARRIERS TO

15. REMAIN IN PLACE UNTIL THE VERY END IN CASE IT IS NEEDED.

16. DO NOT ACCESS THE NORTH EXCAVATION AREA VIA THE FOOTBALL FIELD.

17. SEE DETAIL T. FOR DRAWING.

18. ALL MATERIALS IMPORTED TO THE SITE MUST MEET THE REQUIREMENTS OF DER-10 SECTION 5.4(e) AND

19. APPLIED TO THE APPROVED IRM WORK PLAN. SEE SECTION 02110 FOR REQUIREMENTS REGARDING EXCAVATION.

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EXISTING GROUND

8" MIN 8" COARSE

6" MIN 8 OZ / YD

2" THICK Type 1 or Type 2 NY DOT Surface Aggregates Alternative

EXISTING TRACK

12" MIN 6X6 W2.9 x W2.9 WWF

EXISTING FOOTBALL FIELD

6" MIN GRANULAR FILL

NOTE: Stockpiles shall be trimmed at the end of every working day.

6 OZ/152" NON-WOVEN GEOTEXTILE FABRIC

NOTE: Stockpiles shall be trimmed at the end of every working day.

6" MIN 1/2" MARINE GRADE PLYWOOD

EXISTING TRACK

NOTE 2

1. Should Contractor require equipment on track access over the running track, running track protection shall be installed as shown.

2. Contractor must consult with the equipment manufacturer prior to use of the equipment wash pad.

MIN 2% TO SUMP

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MIN 1/2" NON-WOVEN GEOTEXTILE FABRIC

MIN. 13" THICK DOT SUBBASE AGGREGATE

NOTE:

1. Adjut Subgrade Elevation to smoothly transition from existing asphalt to repair.

2. Submit Asphalt Mix to Engineer for approval.

NOTE 1

3" THICK TYPE 6 NY DOT

SUBMIT ASPHALT MIX TO ENGINEER FOR APPROVAL.

SLOPE 1% MIN/ 2% MAX

MIN 2% TO SUMP

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NOTES:

1. ALL EQUIPMENT RINSE WATER SHALL BE CAPTURED WITHIN THE PAD AND NOT ALLOWED TO RUNOFF OR INFILTRATE.

2. INFERIOR BASE SHALL BE SLOPED SO THAT CAPTURED WATER DRAINS TO THE SUMP LOCATED AT THE LOWEST POINT. ADDITIONAL SUMP(S) MAY BE INSTALLED AT OTHER LOW SPOTS WITHIN THE AREA AS NECESSARY.

3. ANY WATER COLLECTED WITHIN THE EQUIPMENT WASH PAD SUMP SHALL BE SEGREGATED, CHARACTERIZED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
SHORING TO BE PERFORMED IN FUTURE EXCAVATION AFTER 2017
1. SILT FENCE SHALL BE INSTALLED COINCIDENT WITH THE LOD WHERE INDICATED.
2. CONTRACTOR SHALL INSTALL EARTH DIKES PER DETAIL 2 ON DRAWING 13 AS REQUIRED TO PREVENT RUN-OFF FROM ENTERING THE EXCAVATION.
3. SEE DRAWING 2 FOR GENERAL NOTES.
STABILIZED CONSTRUCTION ACCESS

1. Construction shall be protected by incorporating a 12" of diameter concrete or reinforced pipe fittings at the pit to a depth of 12". After installing the standpipe, the pit shall be filled with sand or a similar impermeable material.
2. All pits shall be protected by a 2" of diameter concrete or reinforced pipe fittings at the pit to a depth of 12".
3. Geotextile shall be placed over the entire area prior to placing of stone.
4. The standpipe shall extend 12-18" above the lip of the pit.
5. The standpipe should be backfilled with NYS DOT #2 or equivalent aggregate pit to a depth of 12". After installing the standpipe, the pit surrounding must be removed immediately.

SYMBOL

STABILIZED CONSTRUCTION ACCESS

CONSTRUCTION SPECIFICATIONS

1. All pits shall be protected by incorporating a 12" of diameter concrete or reinforced pipe fittings at the pit to a depth of 12".
2. All pits shall have a cover and surround cladding if deemed to be necessary for protection.
3. Geotextile shall be placed over the entire area prior to placing of stone.
4. The standpipe shall extend 12-18" above the lip of the pit.
5. The standpipe should be backfilled with NYS DOT #2 or equivalent aggregate pit to a depth of 12".
6. Earth dikes shall have an outlet that functions with a minimum of 50' minimum length.

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6. Earth dikes shall have an outlet that functions with a minimum of 50' minimum length.
NOTES:

1. CONTRACTOR SHALL UTILIZE EARTH DIKE, COMPOST FILTER SOCK, AND DEWATERING SCREENING.
2. CONTRACTOR SHALL INSTALL TEMPORARY 6' TALL CHAIN LINK FENCING PARALLEL TO THE LIMITS OF CONSTRUCTION DISTURBANCE. FENCING SHALL INCLUDE VISUAL SCREENING.
3. SECTION(S) OF TEMPORARY FENCE WILL BE REMOVED TO CREATE AN ENTRANCE TO THE MSA AT THE BEGINNING OF EACH DAY OF UNLOADING OR LOADING OPERATIONS. SECTION LOCATIONS MAY VARY. REMOVED SECTIONS SHALL BE RESTORED AND SECURED AT THE END OF EACH DAY OF MSA OPERATIONS.
4. STOCKPILING OF SOILS FOR POTENTIAL RE-USE SHALL BEGIN AT THE SOUTH END OF THE MSA.
5. STOCKPILING OF SOILS FOR POTENTIAL OFF-SITE TRANSPORT AND DISPOSAL AS NON-HAZARDOUS WASTE WILL BEGIN AT THE NORTH END OF THE MSA.
6. WINDROW LAYOUT ALLOWS FOR STOCKPILING OF APPROX. 4000 CUBIC YARDS (CY) OF SOIL. IF GREATER VOLUME IS REQUIRED, CONTRACTOR MAY REQUEST STOCKPILING OF SOILS WITH LIKE ANALYTICAL RESULTS APPROVED FOR RE-USE OR OFF-SITE DISPOSAL.
7. APPROX. 30 LINEAR FEET OF WINDROW IS EQUIVALENT TO 100 CY.
8. ALL TRUCKS WILL BE WET DECONNED BEFORE LEAVING THE MSA.

STOCKPILED SOILS WITH LIKE ANALYTICAL RESULTS APPROVED FOR RE-USE OR OFF-SITE DISPOSAL.

UNLOADING SEQUENCE:
1. TRUCK ENTERS TEMPORARY ENTRANCE INTO MSA.
2. TRUCK PULLS UP TO END OF ACTIVE WINDROW.
3. TRUCK UNLOADS INTO ACTIVE WINDROW.
4. TRUCK UNLOADS AT END OF ACTIVE WINDROW.
5. TRUCK PULLS FORWARD INTO TRUCK LANE.
6. TRUCK EXITS INTO ASPHALT ROAD.
7. TRUCK ENTERS EQUIPMENT WASH PAD FOR WET DECON.
8. TRUCK EXITS EQUIPMENT WASH PAD AND RETURNS TO EXCAVATION AREA.

LOADING SEQUENCE:
1. TRUCK ENTERS TEMPORARY ENTRANCE INTO MSA.
2. TRUCK PULLS UP TO ACTIVE WINDROW TO BE LOADED, STAYING IN TRUCK LANE.
3. TRUCK IS LOADED BY EXCAVATOR.
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