

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR

SECTION 209 SOIL EROSION AND SEDIMENT CONTROL NOTES:

1. THIS CONSTRUCTION ACTIVITY IS SUBJECT TO SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY (GP-02-01). A SPDES PERMIT HAS BEEN OBTAINED FOR THIS PROJECT AND IS LOCATED IN THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE GRADING, EROSION AND SEDIMENT CONTROL PLANS ARE PART OF THE SWPPP.
2. SOIL EROSION AND SEDIMENT CONTROL ELEMENTS, SHALL BE USED DURING CONSTRUCTION IN ANY AREA WHERE FINE MATERIALS MAY ENTER THE WATERS OF THE UNITED STATES.
3. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE ENGINEER IN CHARGE HIS WRITTEN SCHEDULE AND PROPOSED MEASURES FOR THE TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL WORK AND SCHEDULE OF OPERATIONS AS REQUIRED BY SECTION 209 OF THE NYS DOT STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL BEGIN EARTHWORK ONLY AFTER RECEIVING WRITTEN APPROVAL FROM THE ENGINEER FOR THE SCHEDULING OF WORK. THE CONTRACTOR SHALL DESIGNATE AN EROSION AND SEDIMENT CONTROL SUPERVISOR WITH ADEQUATE TRAINING, EXPERIENCE, AND AUTHORITY TO IMPLEMENT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES.
5. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT CONTAMINATION OF ANY STREAM OR WATERWAY BY SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, CONCRETE LEACHATE OR ANY OTHER POLLUTANT ASSOCIATED WITH CONSTRUCTION AND CONSTRUCTION PROCEDURES.
6. THE TEMPORARY SOIL EROSION AND SEDIMENT CONTROL DEVICES SPECIFIED IN THIS CONTRACT SHALL BE CHECKED AND REPAIRED AS NECESSARY, AT LEAST EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER. PERIODIC CLEANING OF THE SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE NECESSARY AND AS DIRECTED BY THE ENGINEER. THE COST OF INSTALLING, CLEANING AND REMOVING TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES SHALL BE PAID FOR UNDER THE ITEMS SHOWN.
7. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY GRUBBING, GRADING OR FILLING OPERATIONS AND INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
8. CONTROL MEASURES SHALL BE USED FOR OFF-ROADWAY DROP INLETS. THIS CONTROL SHALL REMAIN IN PLACE UNTIL THE SLOPES DRAINING TO THE DROP INLET HAVE BEEN STABILIZED BY EITHER PAVING, SEEDING, OR SLOPE PROTECTION, A.O.B.E.
9. ALL STORM DRAINAGE OUTLETS SHALL BE STABILIZED, AS REQUIRED AND A.O.B.E., BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
10. SOIL EROSION AND SEDIMENT CONTROLS SHALL REMAIN IN PLACE UNTIL THE SITE IS PERMANENTLY STABILIZED. TEMPORARY SOIL EROSION AND SEDIMENT CONTROLS SHALL BE COMPLETELY REMOVED AS THE DISTURBED SITE(S) BECOME PERMANENTLY STABILIZED AND DISCHARGED POINTS BECOME OPERATIONAL. SEDIMENT AND EROSION CONTROL MEASURES SHALL NOT BE REMOVED WITHOUT THE ENGINEER'S APPROVAL.
11. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL DEVICES.
12. WHERE TEMPORARY GRADING CAN ASSURE FLOW OF SURFACE STORMWATER TOWARDS PROTECTED INLET STRUCTURES, PERIMETER SILT FENCE MAY NOT BE REQUIRED.
13. PERMANENT DI'S ARE LABELED WITH RECOMMENDED METHOD OF PROTECTION ON PLAN SHEETS ECP-1 THRU ECP-55. EXISTING STRUCTURES THAT ARE TO BE REMOVED OR ABANDONED HAVE NOT BEEN LABELED AS SUCH. IF EXISTING STRUCTURES ARE TO BE LEFT OPERATIONAL, AT THE DISCRETION OF THE CONTRACTOR, TO AID IN TEMPORARY WORK SITE DRAINAGE, ALL STRUCTURES USED AS SUCH MUST BE HAVE PROTECTION INSTALLED BEFORE USE. TO BE INCLUDED IN ITEM 209.1701.
14. THE GENERAL LOCATIONS OF CONSTRUCTION ROAD ENTRANCES ARE LISTED ON SHEET ECT-2. CONSTRUCTION ENTRANCES SHALL BE PLACED AT LOCATIONS WHERE TRACKING OR FLOWING OF SEDIMENT ONTO THE RIGHT-OF-WAY CAN BE PREVENTED OR AS DIRECTED BY THE ENGINEER IN CHARGE.
15. IF THE CONTRACTOR MAKES USE OF EXISTING ROAD SURFACES, INCLUDING THOSE TO BE REMOVED, APPROPRIATE MEASURES MUST BE TAKEN, SUCH AS TRUCK WASHING STATION(S) TO PREVENT TRACKING OF MATERIAL OFF-SITE.
16. STORM WATER FROM DISTURBED AREAS MUST BE PASSED THROUGH A SEDIMENT TRAP, OR SILTATION FENCE BEFORE DISCHARGE BEYOND DISTURBED AREAS OR INTO INLETS OF OTHER DRAINAGE SYSTEMS.
17. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE TO ANY WATERS NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS, OR OTHER DEVICES BE ALLOWED TO ENTER ANY WATERS.
18. IN THE EVENT OF DE-WATERING OPERATIONS BECOME NECESSARY, A SETTLING BASIN WILL BE REQUIRED UNLESS THE PUMP DISCHARGE IS AS CLEAR AND FREE OF SEDIMENT AS THE RECEIVING BODY OF WATER.
19. THE LOCATION OF EROSION AND SEDIMENT CONTROL MEASURES, AS INDICATED IN THE CONTRACT DOCUMENTS, MAY REQUIRE ADJUSTMENT DEPENDING ON THE SEQUENCE OF CONSTRUCTION ACTIVITIES, CONSTRUCTION METHODS, AND/OR ACTUAL FIELD CONDITIONS.
20. THE REGIONAL ENVIRONMENTAL CONTACT SHALL BE NOTIFIED OF ANY SIGNIFICANT FIELD CHANGES TO THE EROSION AND SEDIMENT CONTROL MEASURES INDICATED IN THE CONTRACT DOCUMENTS.
21. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES OR WATER COURSES.
22. ALL AREAS OF SOIL DISTURBANCES RESULTING FROM THIS PROJECT SHALL BE SEEDED WITH AN APPROPRIATE PERENNIAL GRASS SEED AND MULCHED WITH HAY OR STRAW WITHIN ONE WEEK OF FINAL GRADING. IF CONSTRUCTION ACTIVITIES ARE DISCONTINUED IN AREAS OF SOIL DISTURBANCES BEFORE FINAL GRADING IS COMPLETE, TEMPORARY GRADING SHALL BE SEEDED WITH AN APPROPRIATE PERENNIAL GRASS SEED AND MULCHED WITHIN 7 DAYS OF DISCONTINUATION. MULCH SHALL BE MAINTAINED UNTIL SUITABLE VEGETATIVE COVER IS ESTIMATED.
23. OTHER EROSION CONTROL MEASURES MAY BE REQUIRED A.O.B.E. IN ADDITION TO SCHEMES SHOWN. PAYMENT FOR ADDITIONAL WORK SHALL BE PAID FOR UNDER THE APPROPRIATE ITEM IN THE CONTRACT.
24. RING ANY TEMPORARY STOCKPILES OF TOPSOIL OR FILL WITH SILT FENCES AS SHOWN IN THE SILT FENCE DETAIL. PILES EXPOSED FOR LONGER THEN TWO WEEKS SHALL BE STABILIZED WITH A TEMPORARY SEEDING OR GROUND COVER.

SECTION 209 SOIL EROSION AND SEDIMENT CONTROL NOTES (CONT):

25. ALL METHODS AND EQUIPMENT PROPOSED BY THE CONTRACTOR TO ACCOMPLISH THE WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER IN CHARGE.
26. THE CONTRACTOR IS RESPONSIBLE FOR ALL EROSION AND SEDIMENT CONTROL IN MATERIAL STORAGE AREAS, HAUL ROADS AND BORROW PITS AND FOR DISPOSAL OF SURPLUS EXCAVATED MATERIALS. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ANY REQUIRED PERMITS AND/OR APPROVALS ASSOCIATED WITH THESE ACTIVITIES.
27. SEDIMENT AND DEBRIS DISTURBED DURNING OUTFALL PIPE CLEANING IS TO BE CAPTURED BY APPROPATE MEANS SUCH AS OUTFALL PIPE PROTECTION FOR PIPES DISCHARGING TO DAYLIGHT, OR TURBIDITY CURTAIN IF PIPE DISCHARGES DIRECTLY INTO A WATER BODY.
28. SILT FENCE, AT TOE OF SLOPE AND APPROXIMATLY AT MID SLOPE, TO BE PROVIDED AS INDICATED ON PLAN SHEETS ECP-1 THRU ECP-55 AND/OR A.O.B.E. INSALLATION TO BE IN ACCORDANCE WITH STANDARD SHEET M209-1.
29. TRACKING CONSTRUCTION VEHICLES VERTICALLY UP SLOPE AND DOWN SLOPE IN AREAS OF STEEP SLOPE AFTER FINAL GRADING, PRIOR TO SEED PLACEMENT, IS RECOMMENDED TO ALLOW HORIZONTAL TREAD MARKS TO LESSEN RUNOFF VELOCITIES AND AID IN ESTABLISHMENT OF VEGETATTION.

| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
|---|-------|--------------|-----------|--------------|
| 1 | N.Y. | D260558 | 691 | 940 |
| P.I.N. 5044.01 | | B.I.N. | 1078850 | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

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NO AS BUILT REVISIONS

John Zepurak 5-7-12
SIGNATURE DATE

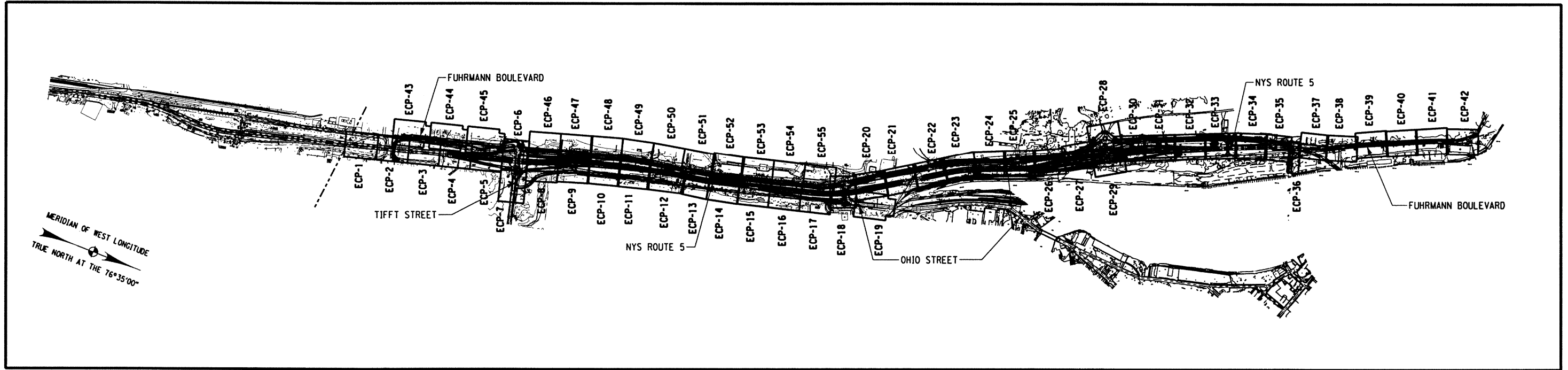
GRADING, EROSION AND SEDIMENT CONTROL NOTES

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 09/07/07 DRAWING NO. ECN-1

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KEY MAP

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| <i>John Zorunda</i> SIGNATURE | 5-17-12 DATE |
| GRADING, EROSION AND SEDIMENT CONTROL PLANS KEY MAP | |
| STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION REGION 5 | |
| PB AMERICAS, INC. | DATE 09/07/07 |
| | DRAWING NO. ECP-KEY |

DESIGN SUPERVISOR

J. HUBERT

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CHECKED BY

ESTIMATED BY

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CHECKED BY

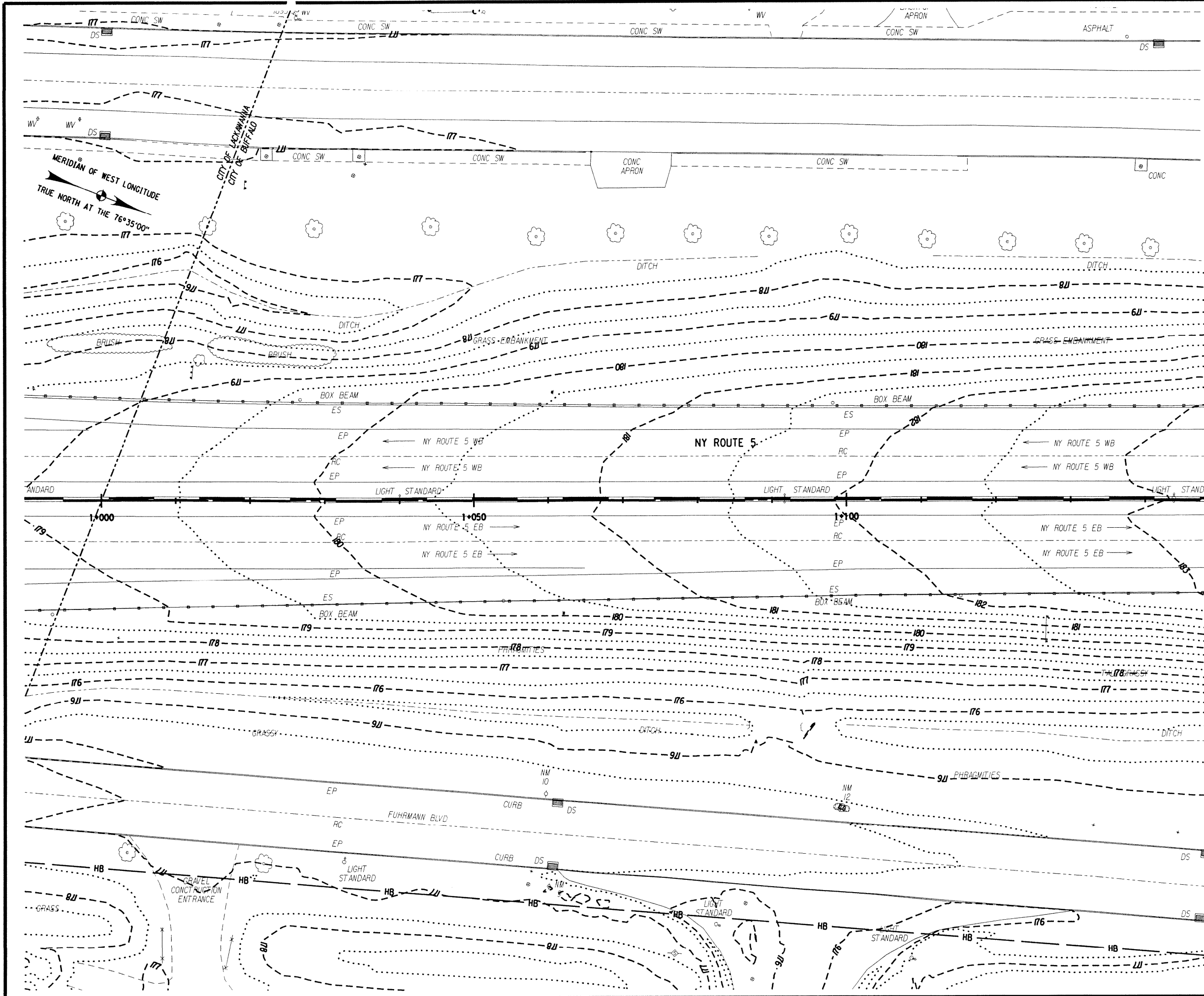
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MATCH LINE STA. 1+150 - SEE DWG. ECP-2

LEGEND:

- SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
- STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
- STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED

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Jeffrey Zepanich 5-17-12
SIGNATURE DATE

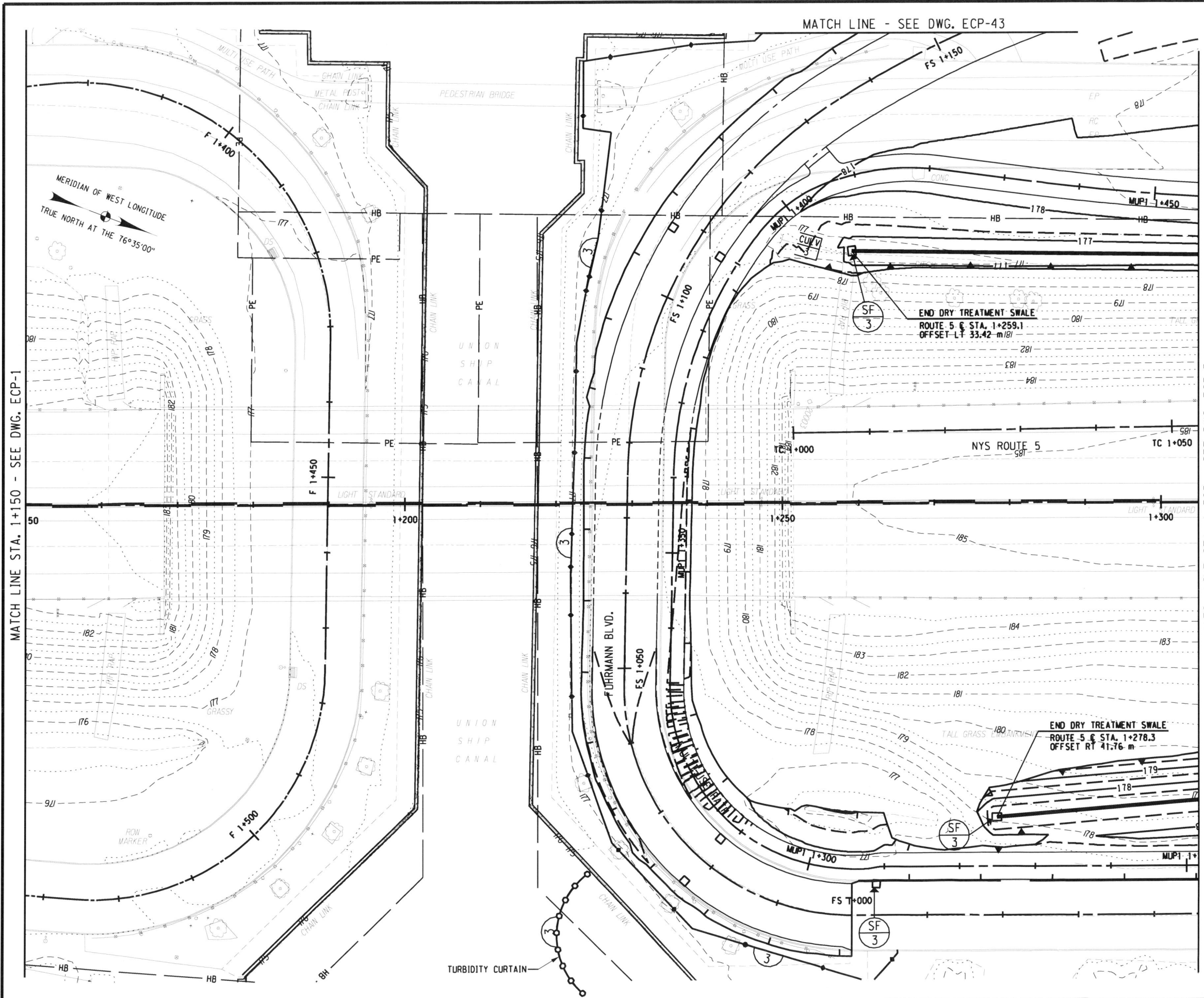
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 09/07/07 DRAWING NO. ECP-1

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 PLOTTED BY: borkowski

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MATCH LINE - SEE DWG. ECP-43

MATCH LINE STA. 1+150 - SEE DWG. ECP-1

MATCH LINE STA. 1+305 - SEE DWG. ECP-3

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| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
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| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
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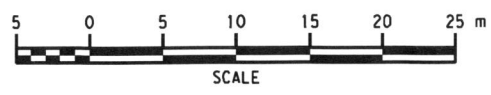
- NOTES:**
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 694.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES. SEE SHEET 2 FOR APPROVAL.

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 - STANDARD SILT FENCE INLET PROTECTION
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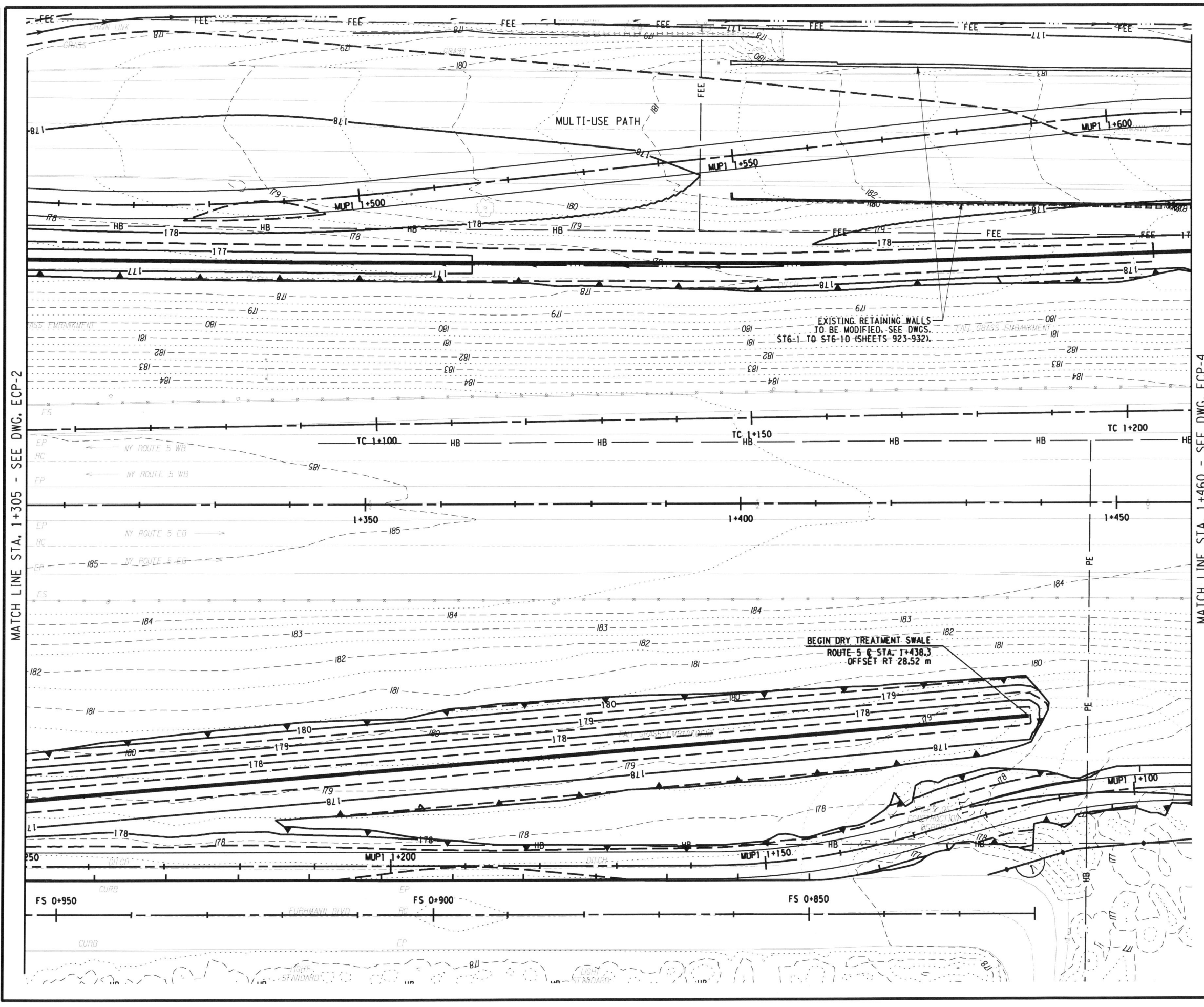
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

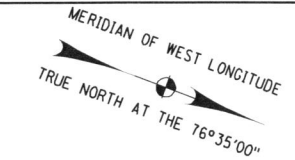
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| CITY OF BUFFALO | | ERIE COUNTY | | |
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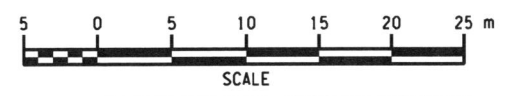
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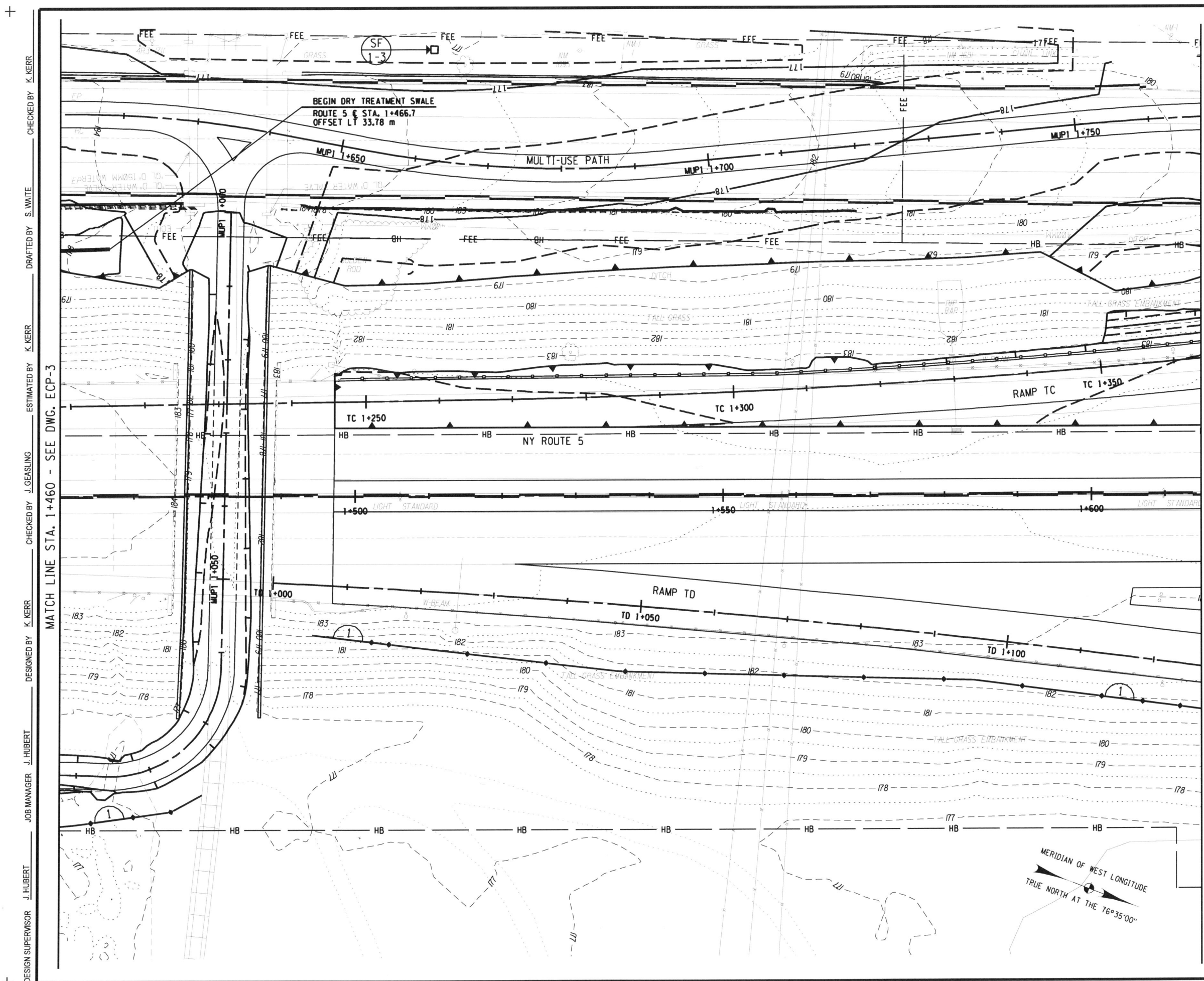
Jeffrey Zepewich 5-14-12
SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 08/15/09 DRAWING NO. ECP-3

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 DATE: 08/15/09

MATCH LINE STA. 1+460 - SEE DWG. ECP-3

MATCH LINE STA. 1+615 - SEE DWG. ECP-5

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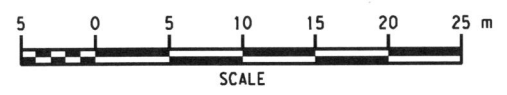
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SIGNATURE DATE 5-14-12

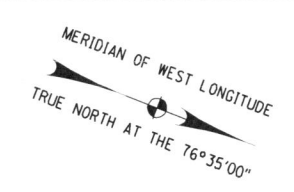
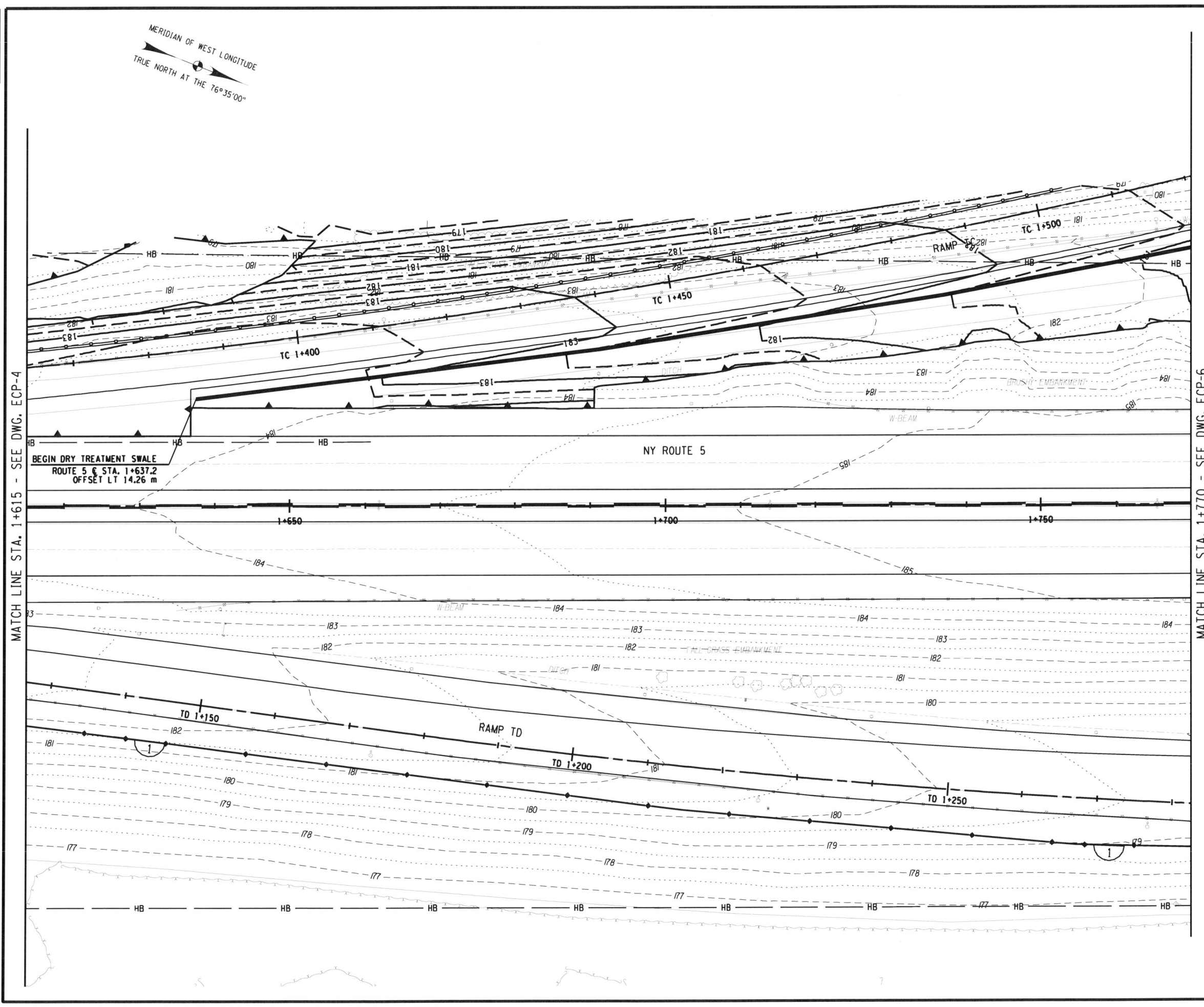
GRADING, EROSION AND SEDIMENT CONTROL PLANS

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PB AMERICAS, INC. DATE 08/15/09 DRAWING NO. ECP-4

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| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 097F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD., FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

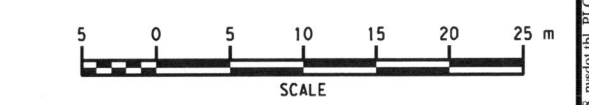
- NOTES:**
1. SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 2. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 3. EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 697.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

5-14-12
 SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

| | | |
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| PB AMERICAS, INC. | DATE 08/15/09 | DRAWING NO. ECP-5 |
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DATE: 12/28/2010 12:03:04 PM
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 PLOTTED BY: mcclama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WATTE
 CHECKED BY K. KERR

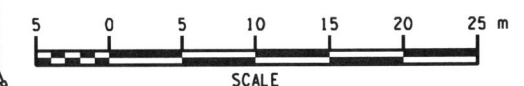
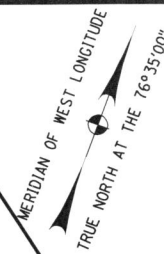
MATCH LINE STA. FB 1+055 - SEE DWG. ECP-46

MATCH LINE STA. 1+895 - SEE DWG. ECP-8

FIELD CHANGE
 THIS SHEET SUPERSEDES SHEET 698.
 NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 698F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD., FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

NOTES:
 1. SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.



SCALE
 ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
 AS BUILT REVISIONS

No. *5-14-12*
 Signature: *Jeffrey Zepewich*
 DATE: 5-14-12

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

PB AMERICAS, INC. DATE 08/15/09 DRAWING NO. ECP-6

MATCH LINE - SEE DWG. ECP-45

MATCH LINE STA. 1+770 - SEE DWG. ECP-5

MATCH LINE STA. T 1+144 - SEE DWG. ECP-7

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DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 +

| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 699F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |




- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 699.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

LEGEND:

-  SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
-  STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
-  STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED

5 0 5 10 15 20 25 m
SCALE

ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

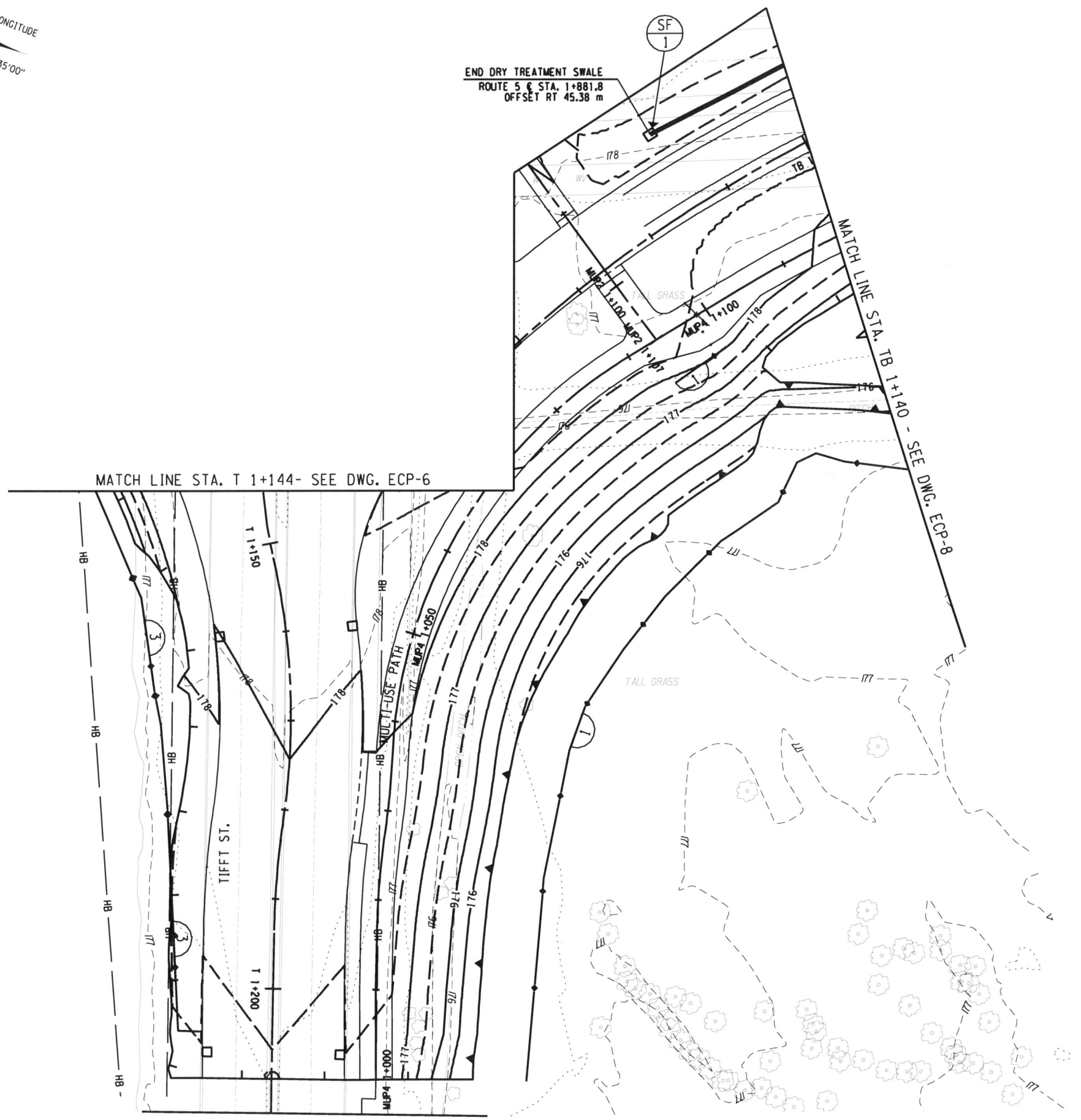
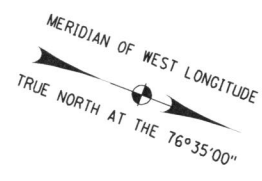
No. _____

John Zepewich 5-14-12
SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

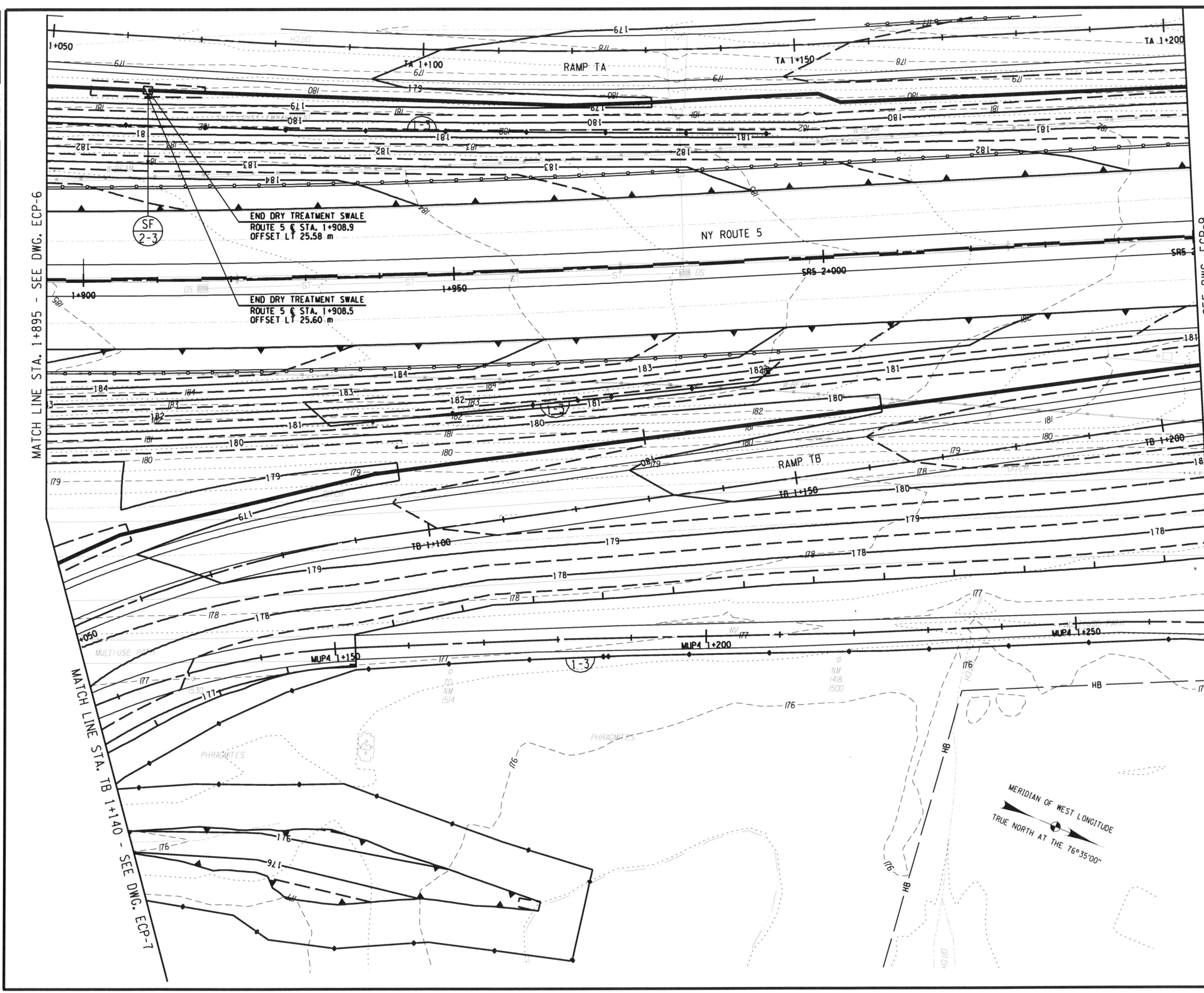
STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

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| PB AMERICAS, INC. | DATE 06/15/09 | DRAWING NO. ECP-7 |
|--------------------------|------------------|----------------------|



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 DATE: 12/28/2010 12:01:47 PM

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR



| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 700F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD., FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

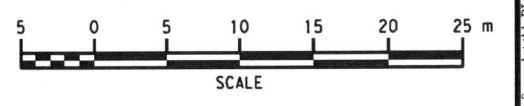
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 700.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No. *5-14-12*

 SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

BP AMERICAS, INC. DATE 08/15/09 DRAWING NO. ECP-8

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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 701F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

NOTES:




- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
- EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
- EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

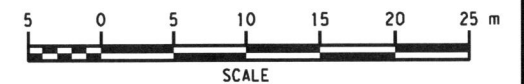
FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 701.

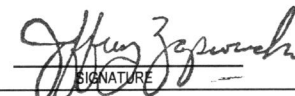
NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

LEGEND:

-  SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
-  STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
-  STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



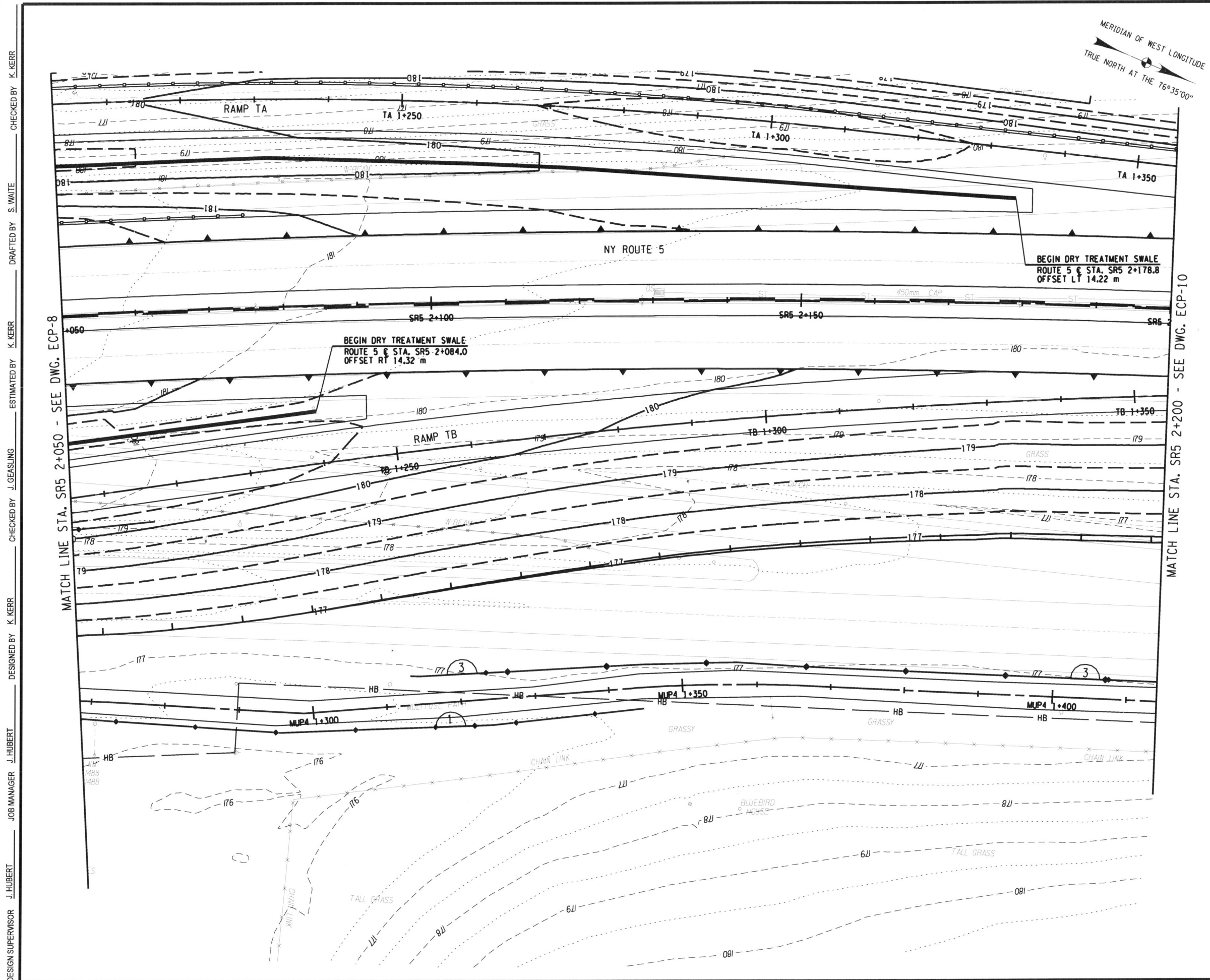
ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No  5-14-12
SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-9



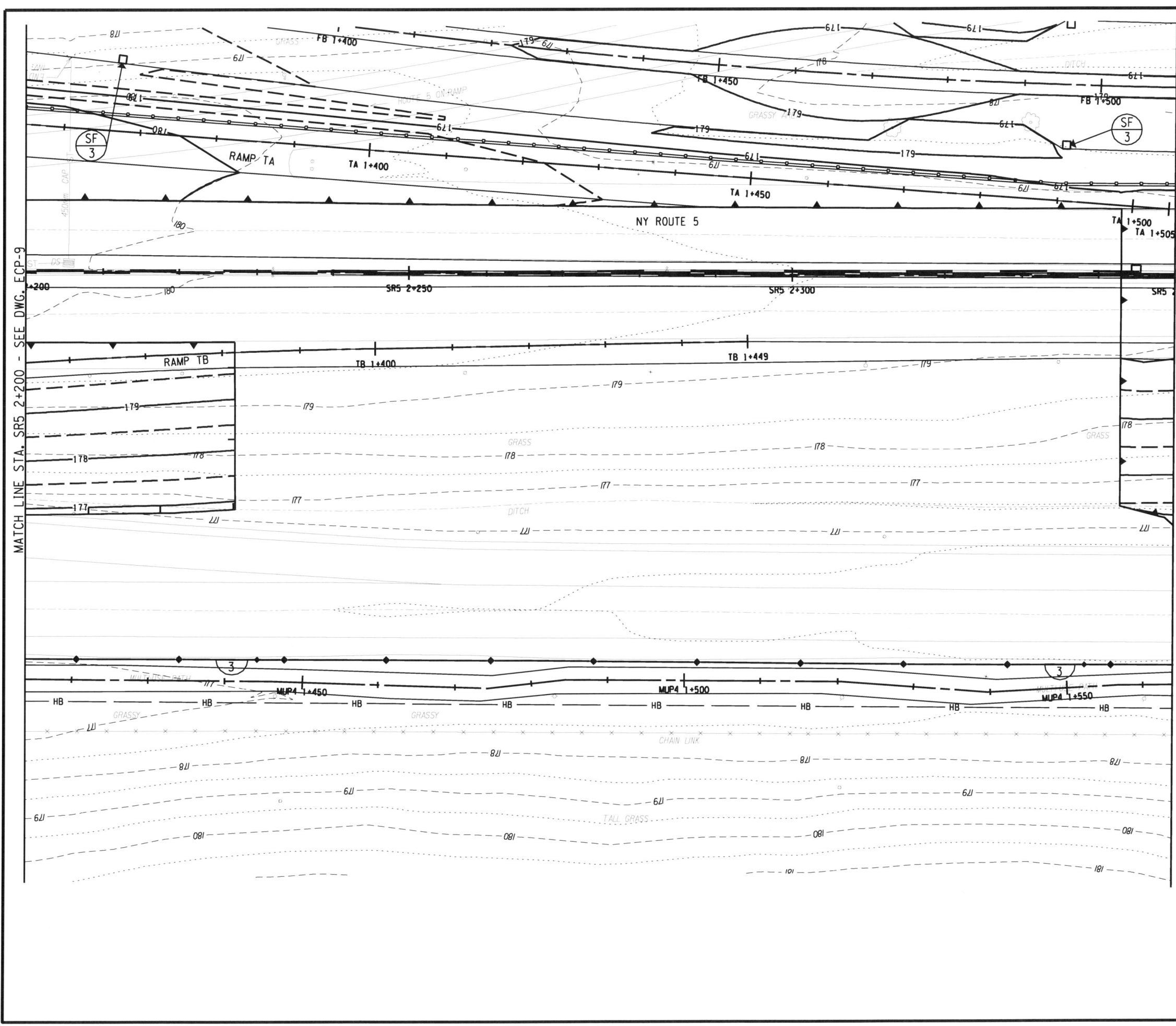
MATCH LINE STA. SR5 2+050 - SEE DWG. ECP-8

MATCH LINE STA. SR5 2+200 - SEE DWG. ECP-10

DESIGN SUPERVISOR J. HUBERT
JOB MANAGER J. HUBERT
DESIGNED BY K. KERR
CHECKED BY J. GEASLING
ESTIMATED BY K. KERR
DRAFTED BY S. WAITE
CHECKED BY K. KERR

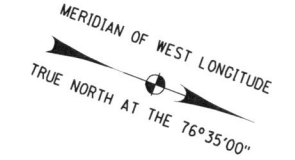
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DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 702F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

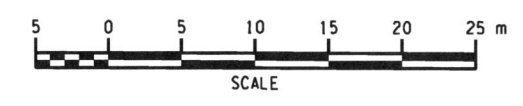


FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 702.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

5-14-12
 SIGNATURE DATE

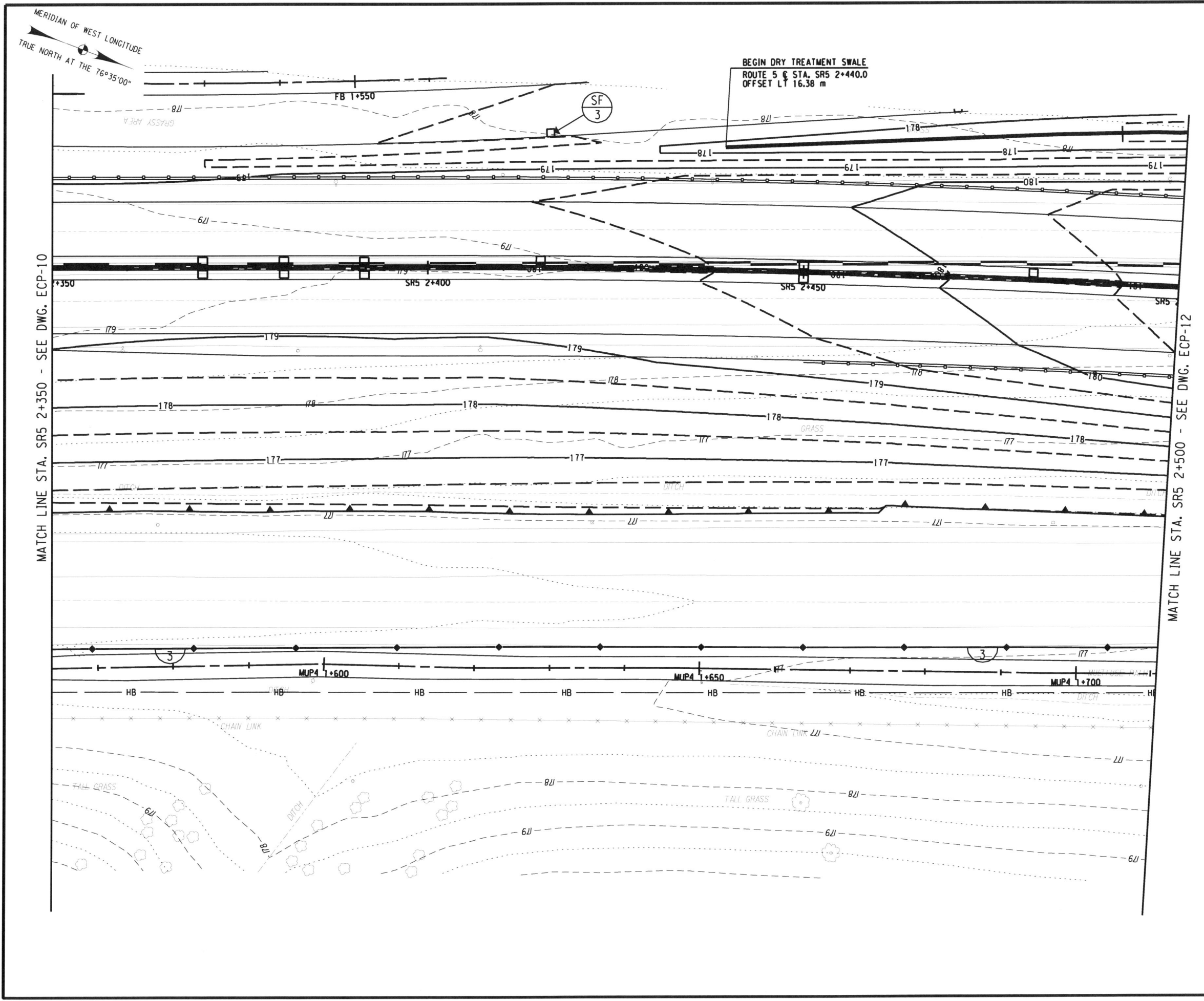
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

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| PA AMERICAS, INC. | DATE 09/15/09 | DRAWING NO. ECP-10 |
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 PLOTTED BY: mecliana

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY K. KERR
 ESTIMATED BY J. GEASLING
 CHECKED BY J. GEASLING
 DRAFTED BY S. WAITE
 CHECKED BY S. WAITE
 CHECKED BY K. KERR



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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 703F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

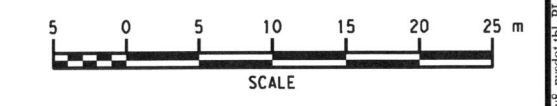
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 703.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S&C PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No

[Signature] 5-14-12
SIGNATURE DATE

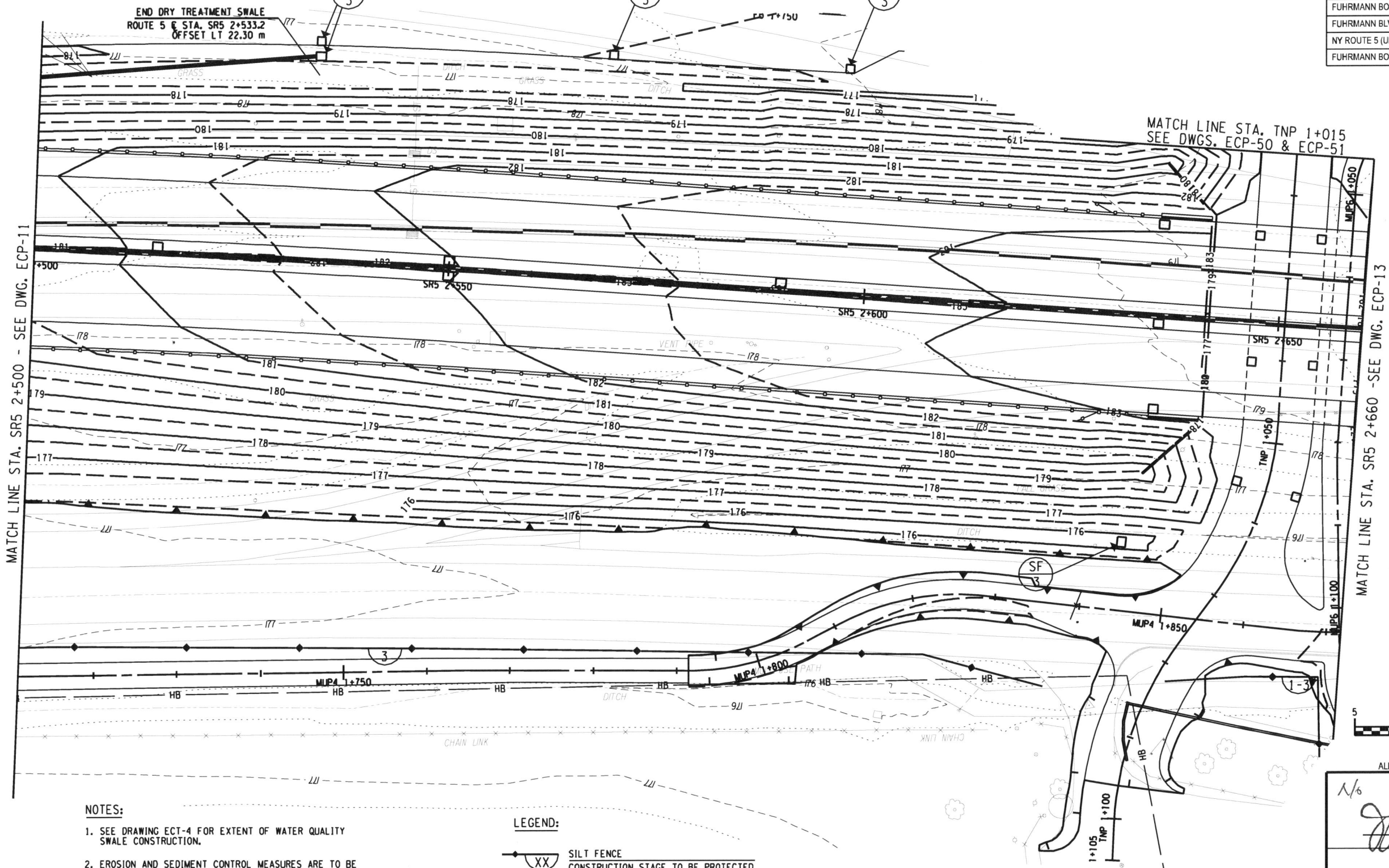
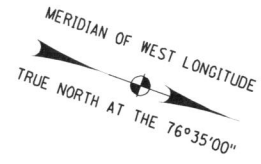
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

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| PA AMERICAS, INC. | DATE 06/15/09 | DRAWING NO. ECP-11 |
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FILE: I:\NYSDOT\CADD\Region 5\0400\project\stwy_highway_desig\plan\03F50401_cpl_crc.plt_01.dgn
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 DATE: 7/28/2010 11:59:10 AM

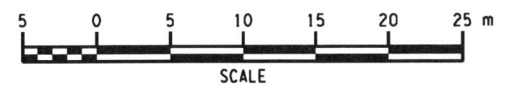
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| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 704F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |



FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 704.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES. SEE SHEET 2 FOR APPROVAL.



ALL DIMENSIONS ARE IN M UNLESS OTHERWISE NOTED

AS BUILT REVISIONS

Jeffrey Zepewich 5-14-12
SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS



STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-12

- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

- LEGEND:**
- SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 FILE: \\NYSDOT\CAVD\Region5\p44\project\highway_design\p44\44154441_cph_erc_plt_012.dgn PLOTTED BY: meclara

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR

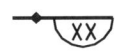


| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 705F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD., FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

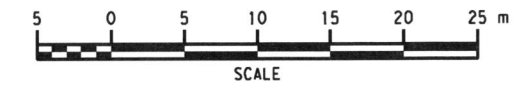
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 705.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
-  SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 -  STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 -  STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



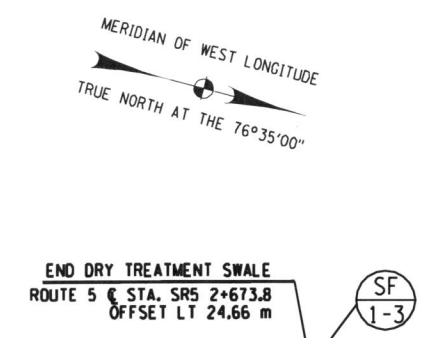
ALL DIMENSIONS ARE IN M UNLESS OTHERWISE NOTED
 AS BUILT REVISIONS

Jeffrey Zepewich 5-14-12
 SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

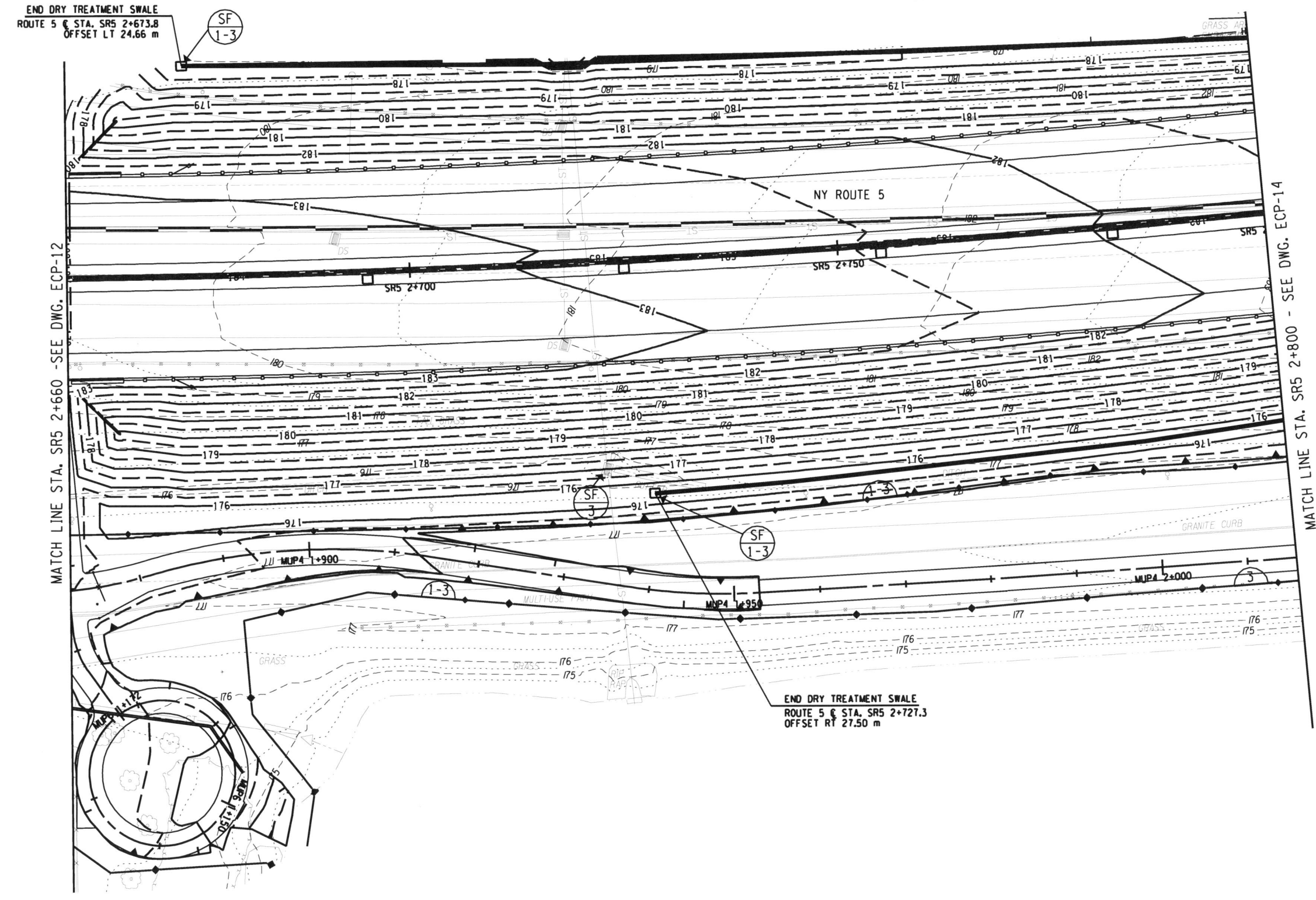
PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-13



END DRY TREATMENT SWALE
 ROUTE 5 @ STA. SR5 2+673.8
 OFFSET LT 24.66 m

MATCH LINE STA. SR5 2+660 - SEE DWG. ECP-12

MATCH LINE STA. SR5 2+800 - SEE DWG. ECP-14



END DRY TREATMENT SWALE
 ROUTE 5 @ STA. SR5 2+727.3
 OFFSET RT 27.50 m

FILE: F:\NYSDOT\CADD\Region 5\5044\projects\ry_highway_design\plan\705F1-5044\cpl_etc_pln_013.dwg PLOTTED BY: mcclama

| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 706F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

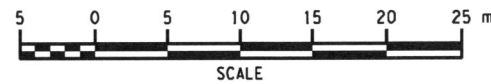
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 706.

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- LEGEND:**
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CONSTRUCTION STAGE TO BE PROTECTED
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CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED

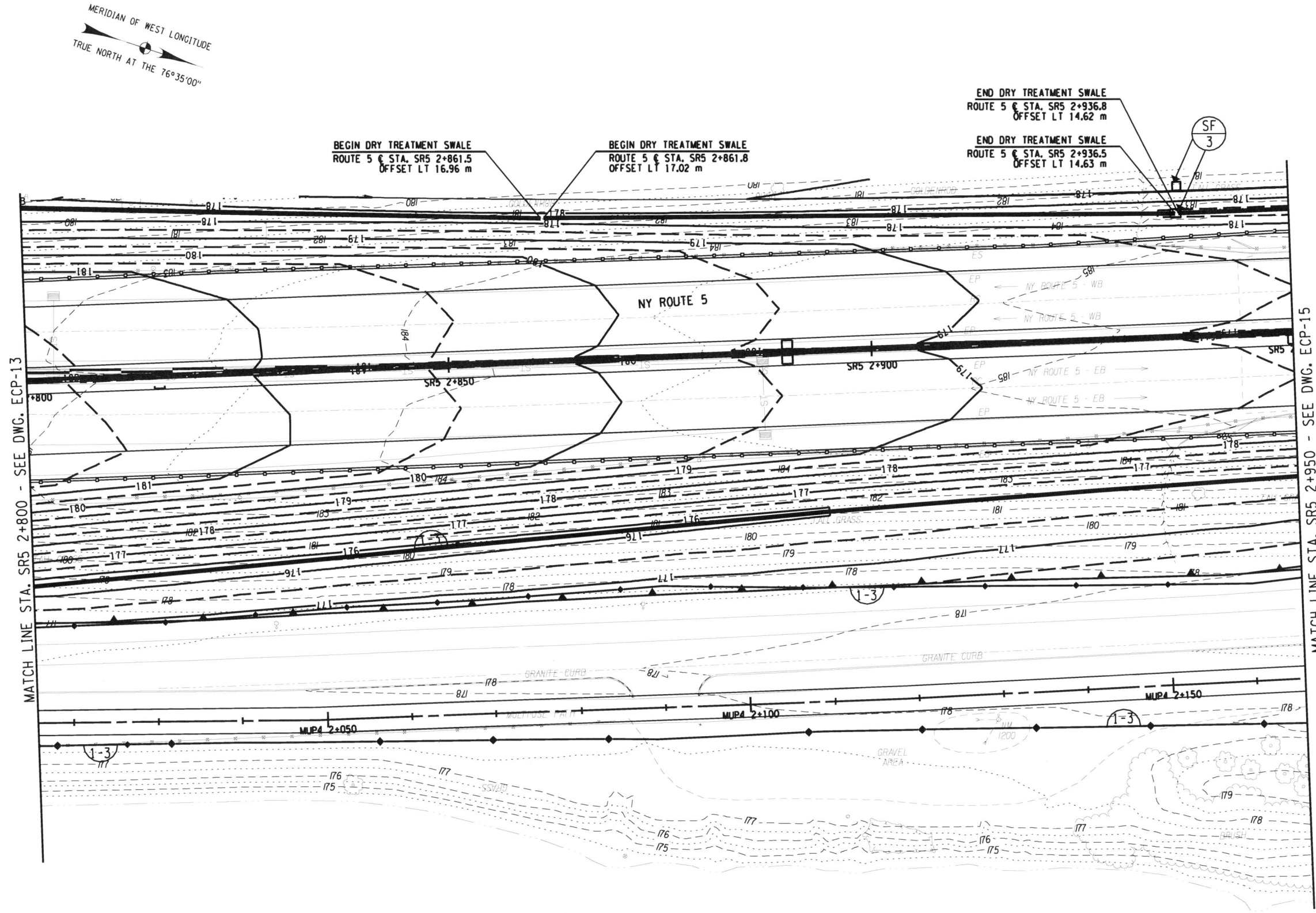
AS BUILT REVISIONS

John Zepewich 5-14-12
SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

| | | |
|--------------------------|------------------|-----------------------|
| PA AMERICAS, INC. | DATE 12/31/09 | DRAWING NO. ECP-14 |
|--------------------------|------------------|-----------------------|



DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR

DATE: 12/29/2009 11:57:15 AM
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 PLOTTED BY: meclama

| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 707F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
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| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

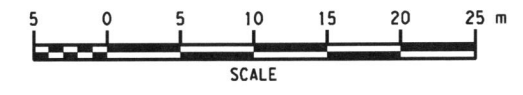
- NOTES:**
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 707.

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- LEGEND:**
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CONSTRUCTION STAGE TO BE PROTECTED



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AS BUILT REVISIONS

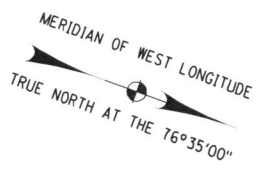
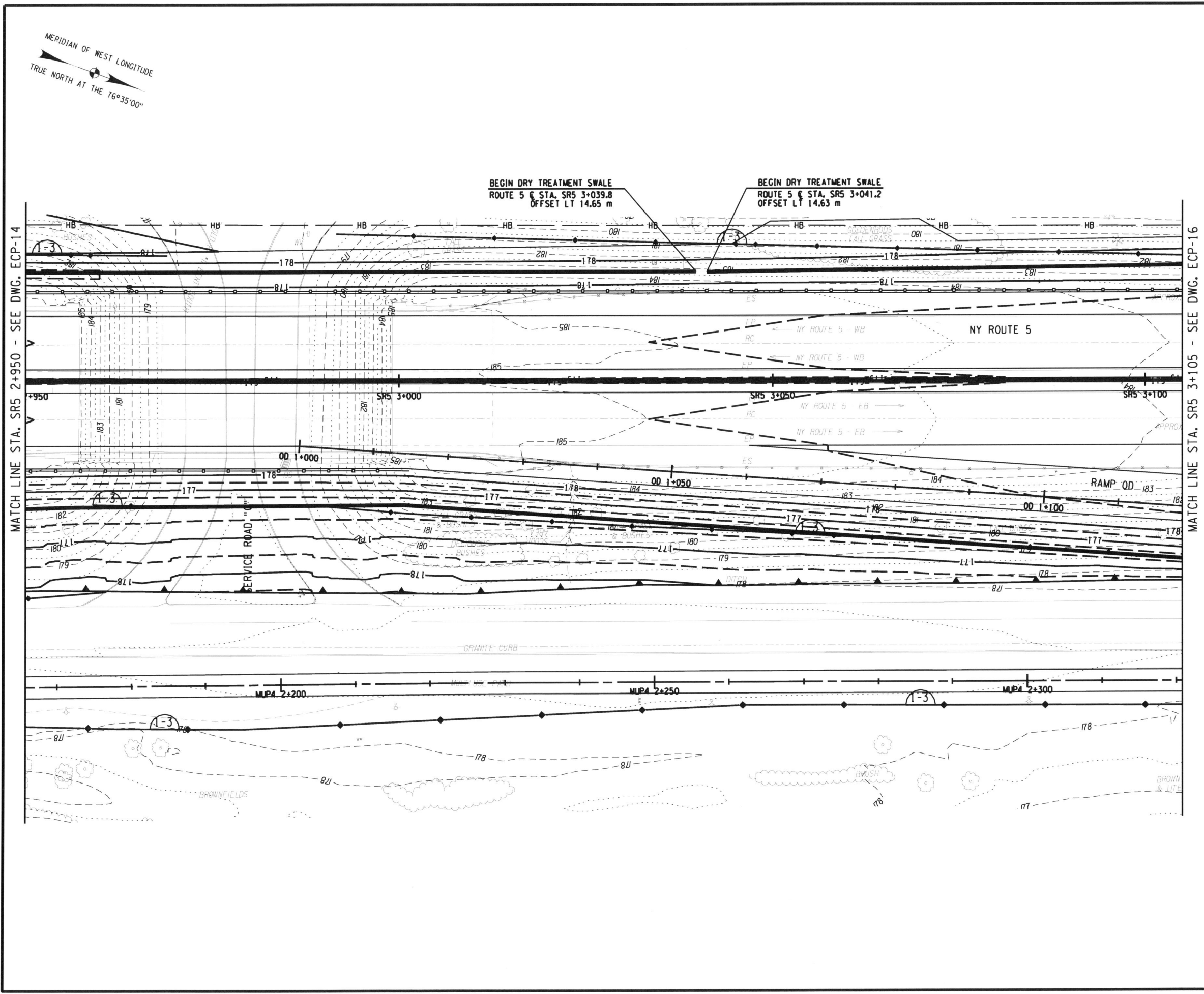
No. _____

Jeffrey Zepewich 5-14-12
SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-15



DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 FILE: T:\NYSDOT\CADD\Region 5\5044\01\projects\sv_highway_design\plan\707F1-5044\cpl_erc_pln_05.dgn

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 PLOTTED BY: mcliana

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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 708F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
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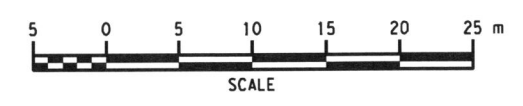
- NOTES:**
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 708.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

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CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

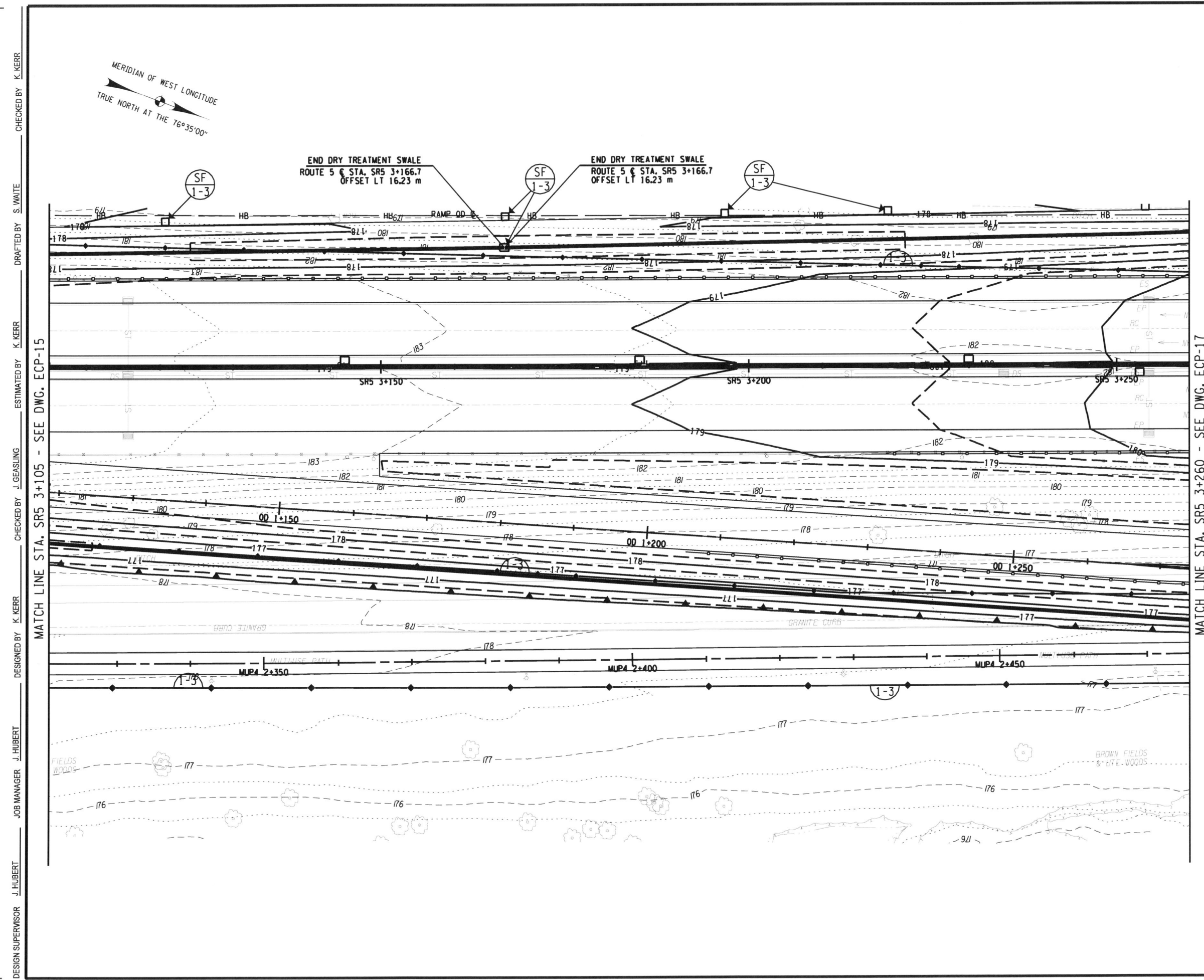
No. *5-14-12*

 SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLAN

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-16



DESIGN SUPERVISOR J. HUBBERT
 JOB MANAGER J. HUBBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 FILE: K:\NYSDOT\CADD\Region 5\0400\project\wy_highway_design\gdn\08F50400_spl_err_plt_06.dgn
 DATE: 12/29/09 11:56:00 AM

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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 709F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

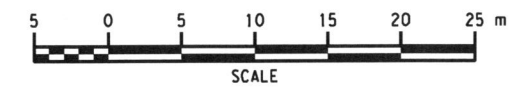
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 709.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

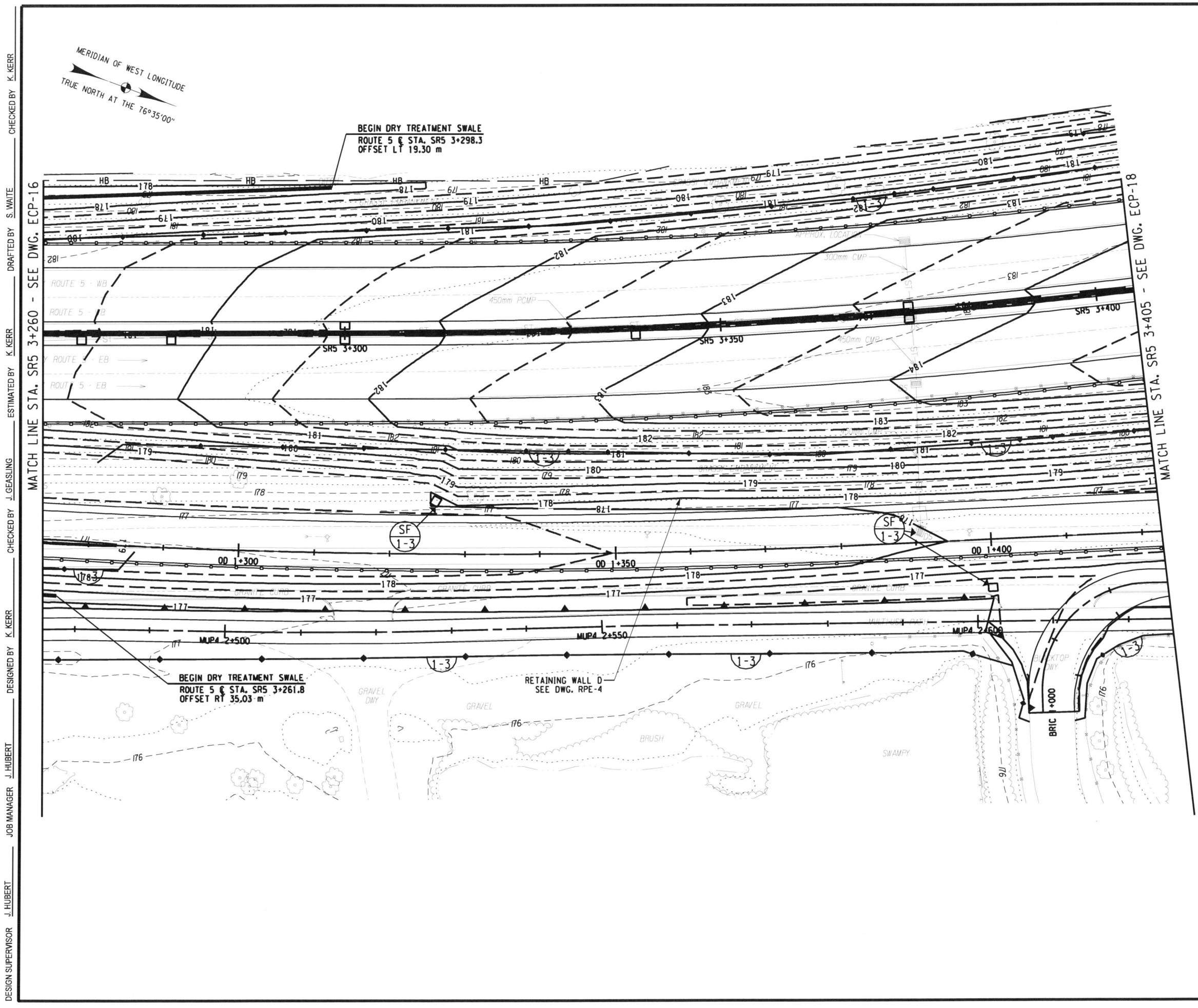
No. *5-14-12*

 SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

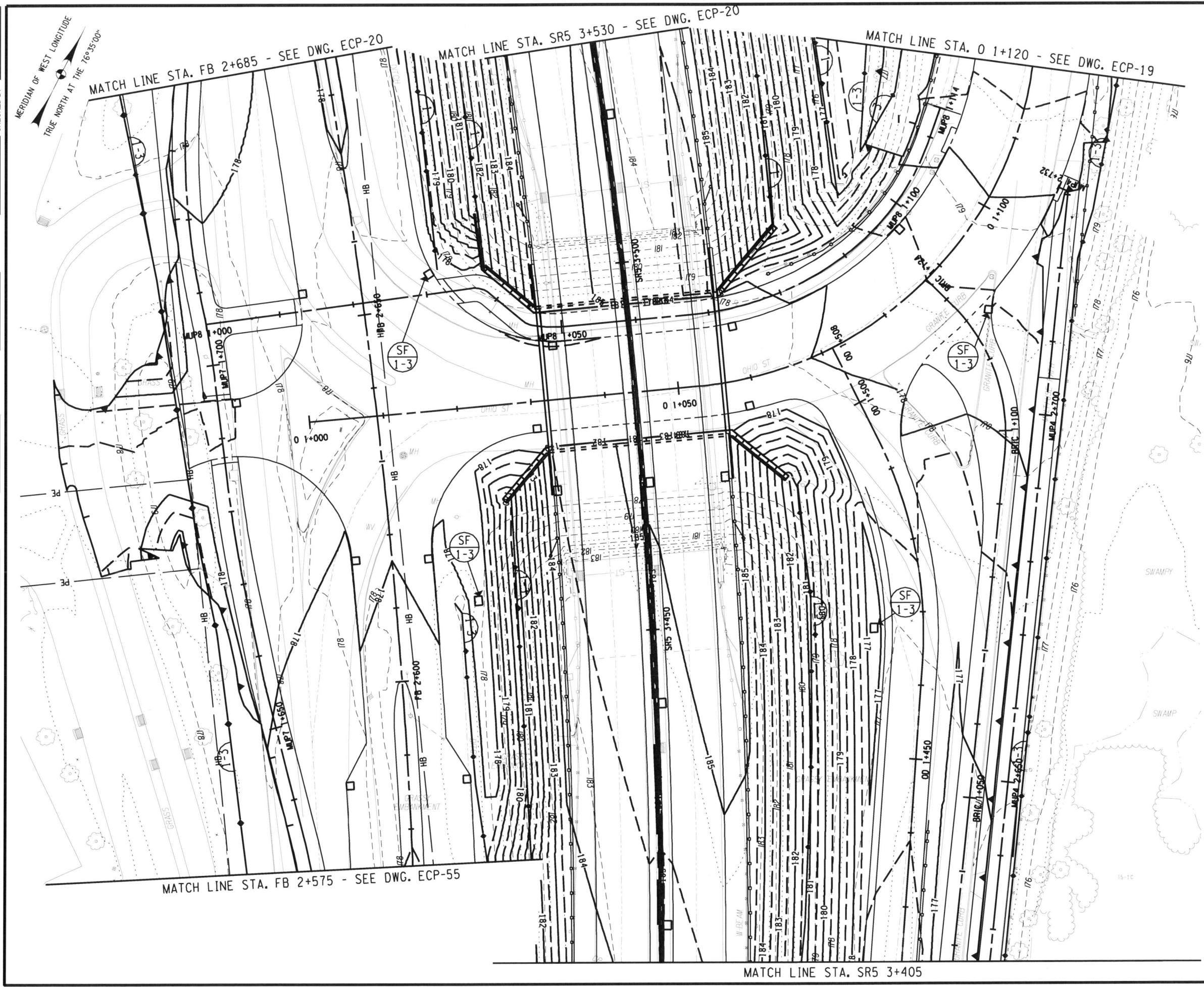
PB AMERICAS, INC. DATE 06/15/09 DRAWING NO. ECP-17



DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 CHECKED BY K. KERR

DATE: 12/28/2010 11:55:19 AM
 FILE: \\NYSDOT\CADD\Region 5\044\project\sway_highway_design\dwg\09F-514401_cpl_erc.plt_017.dwg
 PLOTTED BY: mueliana

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASUNG
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR



| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 710F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
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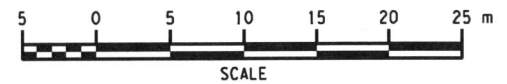
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 710.

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No.

Jeffrey Zepewich 5-14-12
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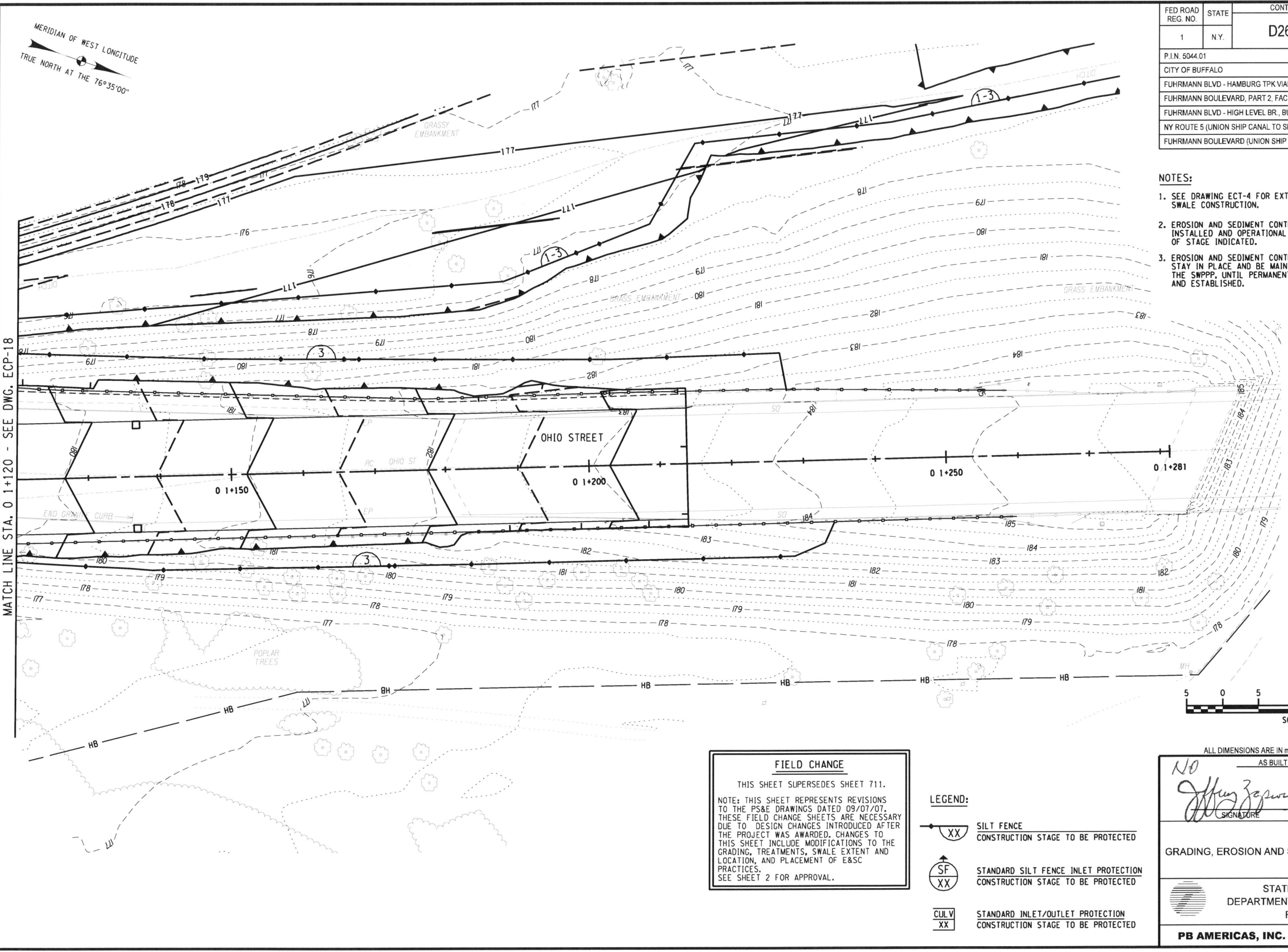
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-18

FILE: F:\NYSDOT\CADD\Region 5\0440\projects\svy_highway_design\gen\710F1-504401_cph_etc_plt_008.dgn

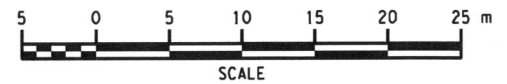
DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR



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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 711F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
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MATCH LINE STA. 0+1120 - SEE DWG. ECP-18



FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 711.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED

ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED

AS BUILT REVISIONS

5-14-12
 SIGNATURE DATE

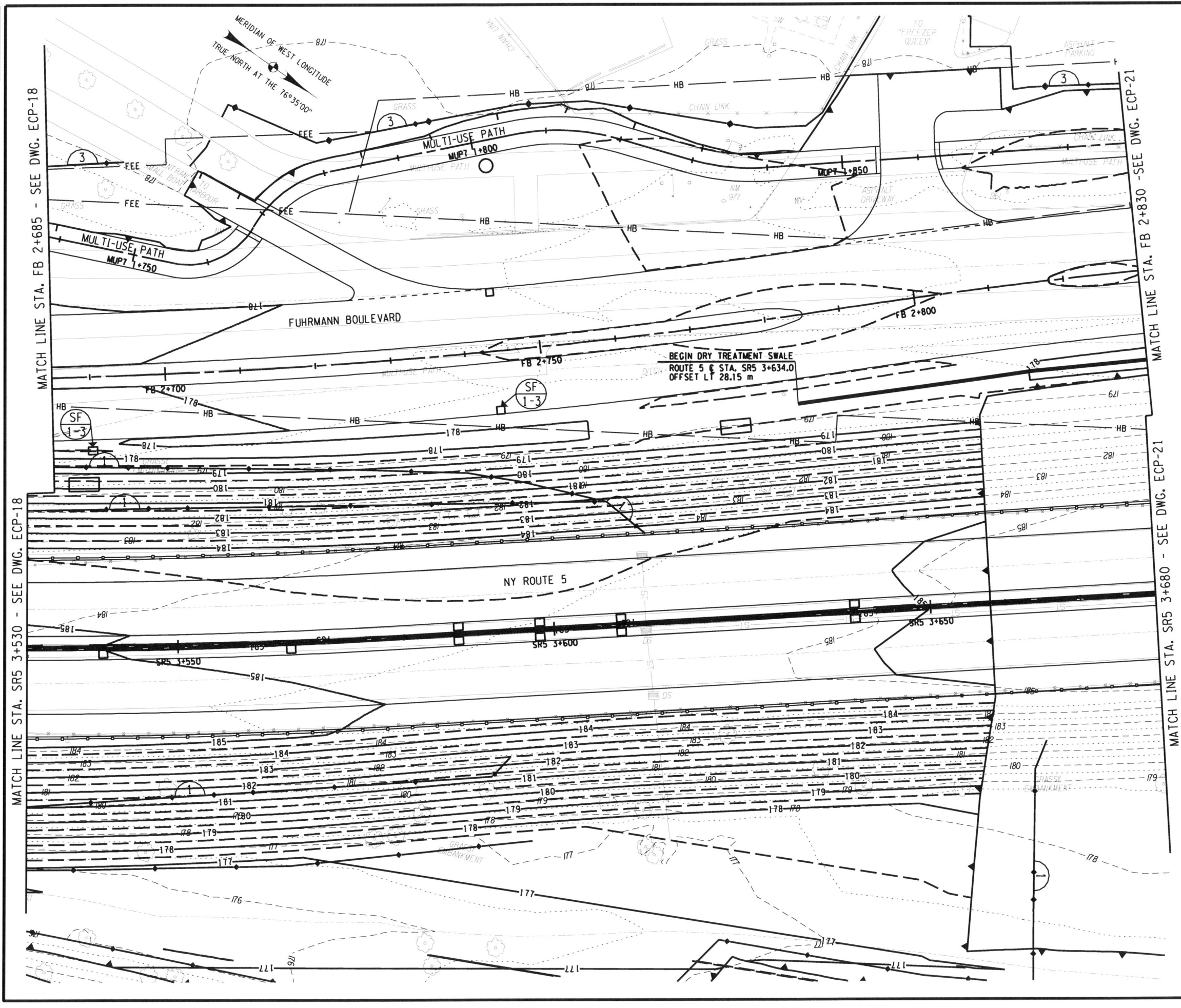
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

| | | |
|--------------------------|------------------|-----------------------|
| PB AMERICAS, INC. | DATE 12/31/09 | DRAWING NO. ECP-19 |
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FILE: \\NYSDOT\CADD\Region 5\5044\Projects\ray_highway_design\egm\VPF-ECP-19.dwg cpl_crc_pbr_019.dwg
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 PEN TABLE: C:\Program Files\Bentley\Workspace\System\tables\pen08_nysdot.tbl PLOTTED BY: meclama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 CHECKED BY K. KERR



| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 712F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

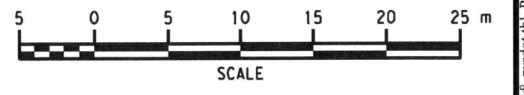
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 712.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No. *5-14-12*

Jeffrey Zapruch SIGNATURE DATE

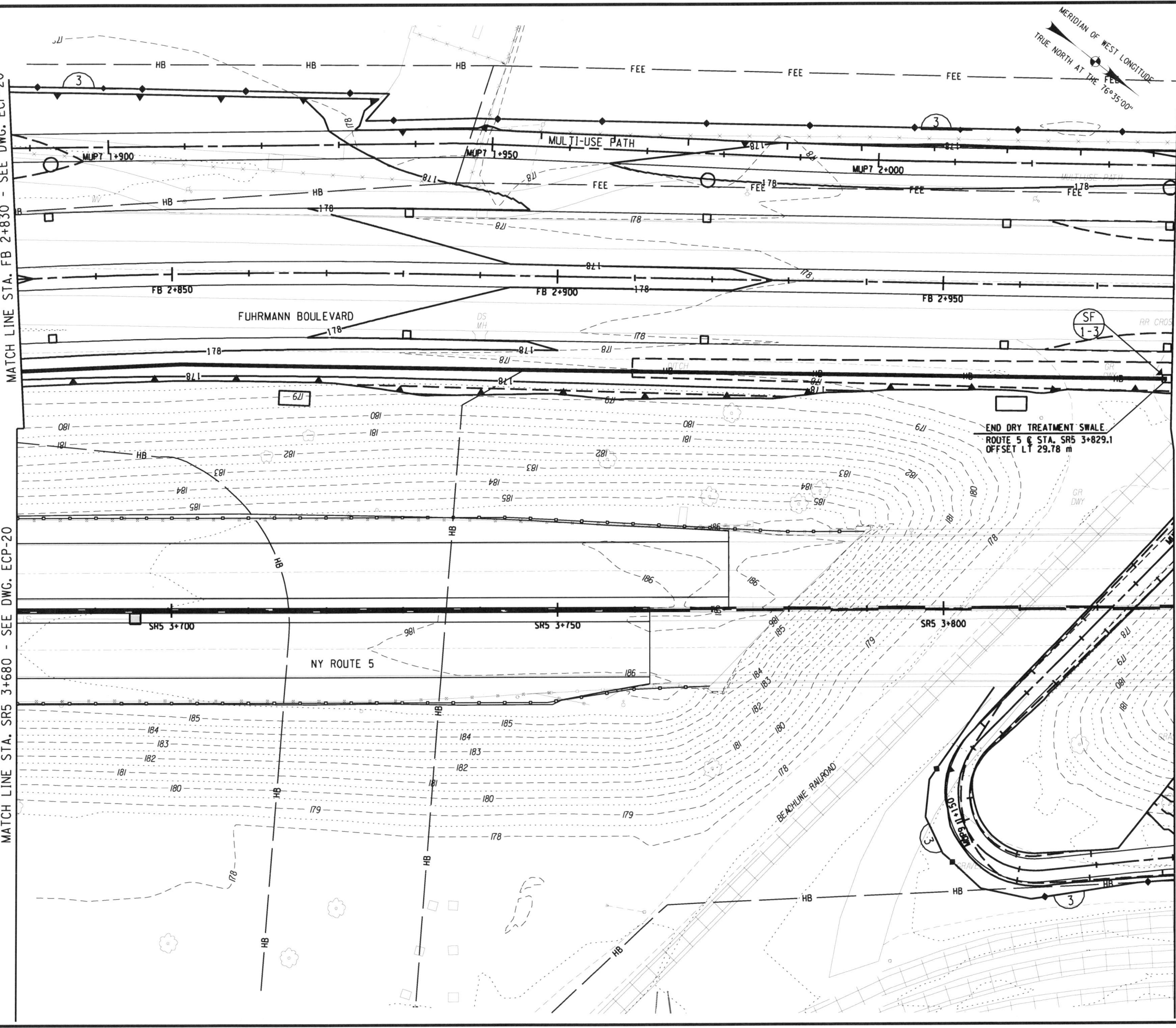
GRADING, EROSION AND SEDIMENT CONTROLS PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 06/15/09 DRAWING NO. ECP-20

FILE: \\NYSDOT\CAADD\Region 5\5044\0\projects\roy_highway_design\621\712F1-5044\c_epb_etc.plt 020dgn
 PLOT FILE: C:\Program Files\Bentley\Workspace\System\tables\pen\vs_nysdot.tbl PLOTTED BY: meclama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 +



MATCH LINE STA. FB 2+830 - SEE DWG. ECP-20
 MATCH LINE STA. FB 2+980 - SEE DWG. ECP-22
 MATCH LINE STA. SR5 3+830 - SEE DWG. ECP-22

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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 713F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD., FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

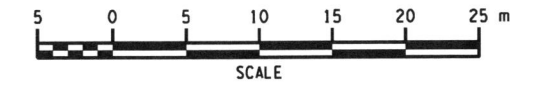
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 713.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



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No. 5-14-12

 SIGNATURE DATE

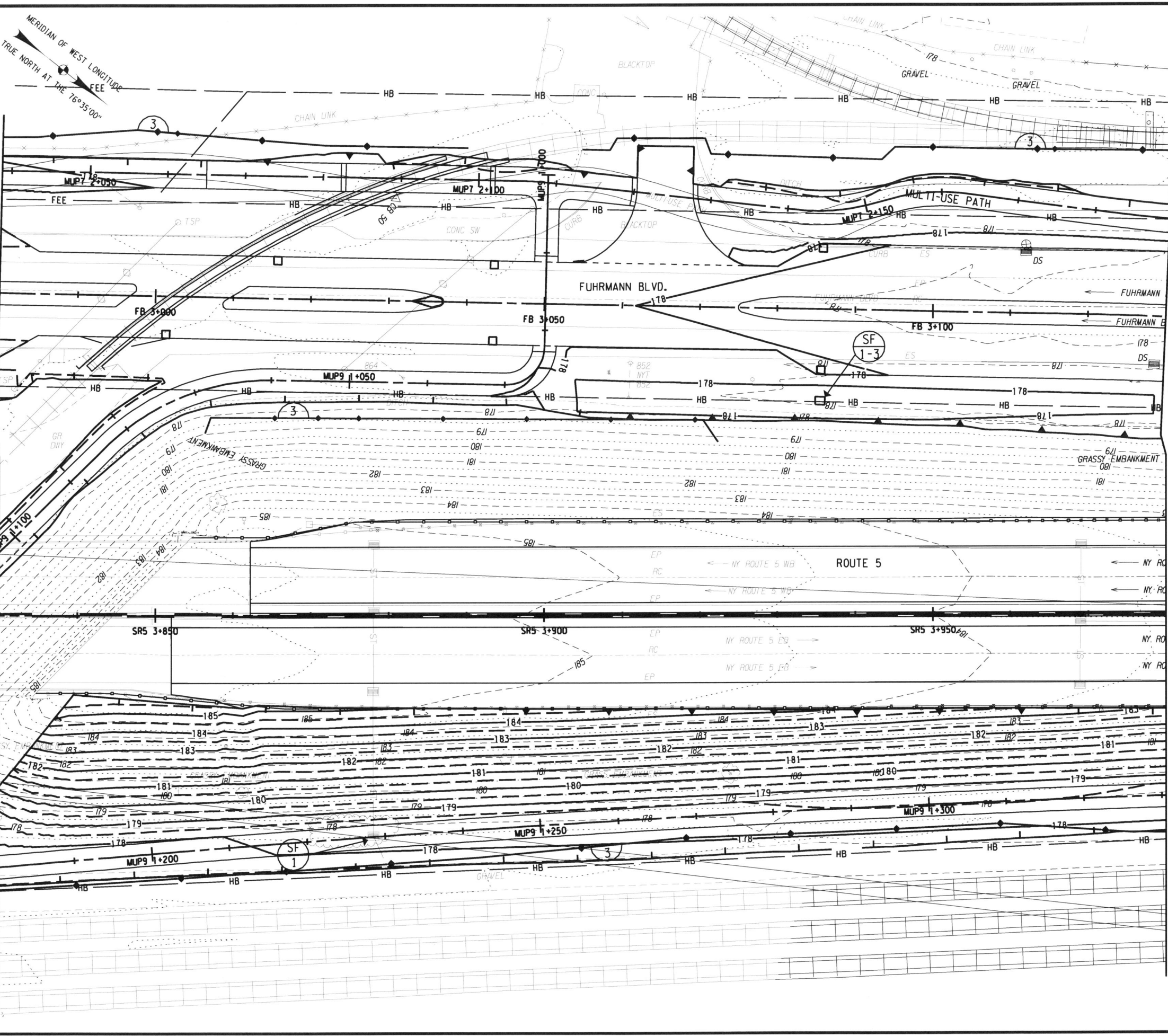
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 06/15/09 DRAWING NO. ECP-21

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 PLOT FILE: C:\Program Files\Bentley\Workspace\SystemTables\pen08_nysdot.tbl PLOTTED BY: meclama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 DATE: 08/15/09



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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 714F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

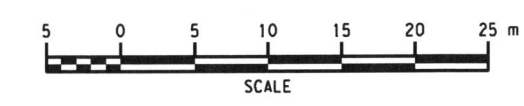
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 714.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No. 5-14-12

Jeffrey Zepewich
SIGNATURE DATE

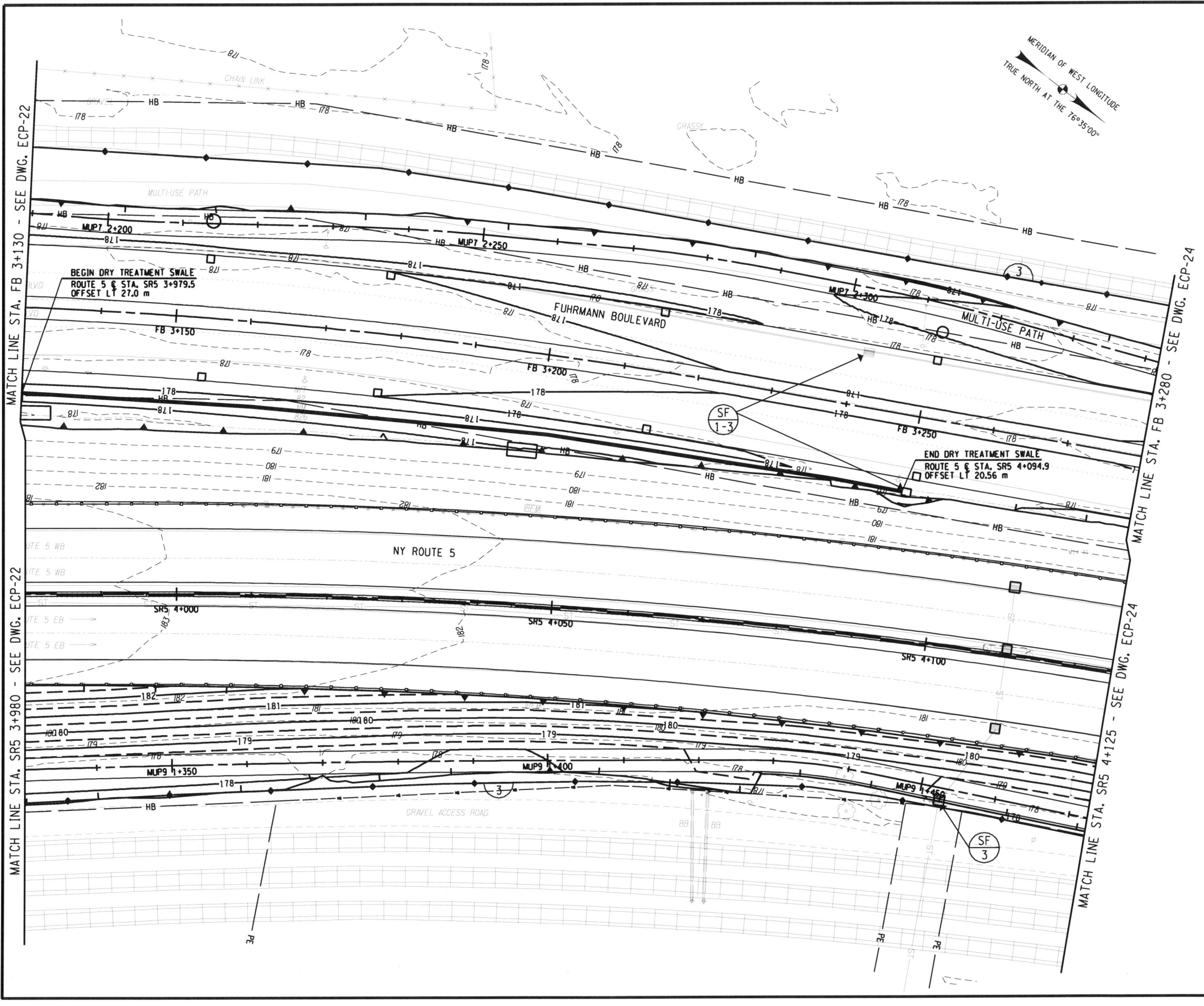
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

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|--------------------------|------------------|-----------------------|
| PB AMERICAS, INC. | DATE 08/15/09 | DRAWING NO. ECP-22 |
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 DATE: 08/15/09 11:53:17 AM

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR



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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 715F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

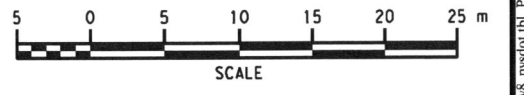
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 715.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
 AS BUILT REVISIONS

NO

 SIGNATURE DATE 5.14.12

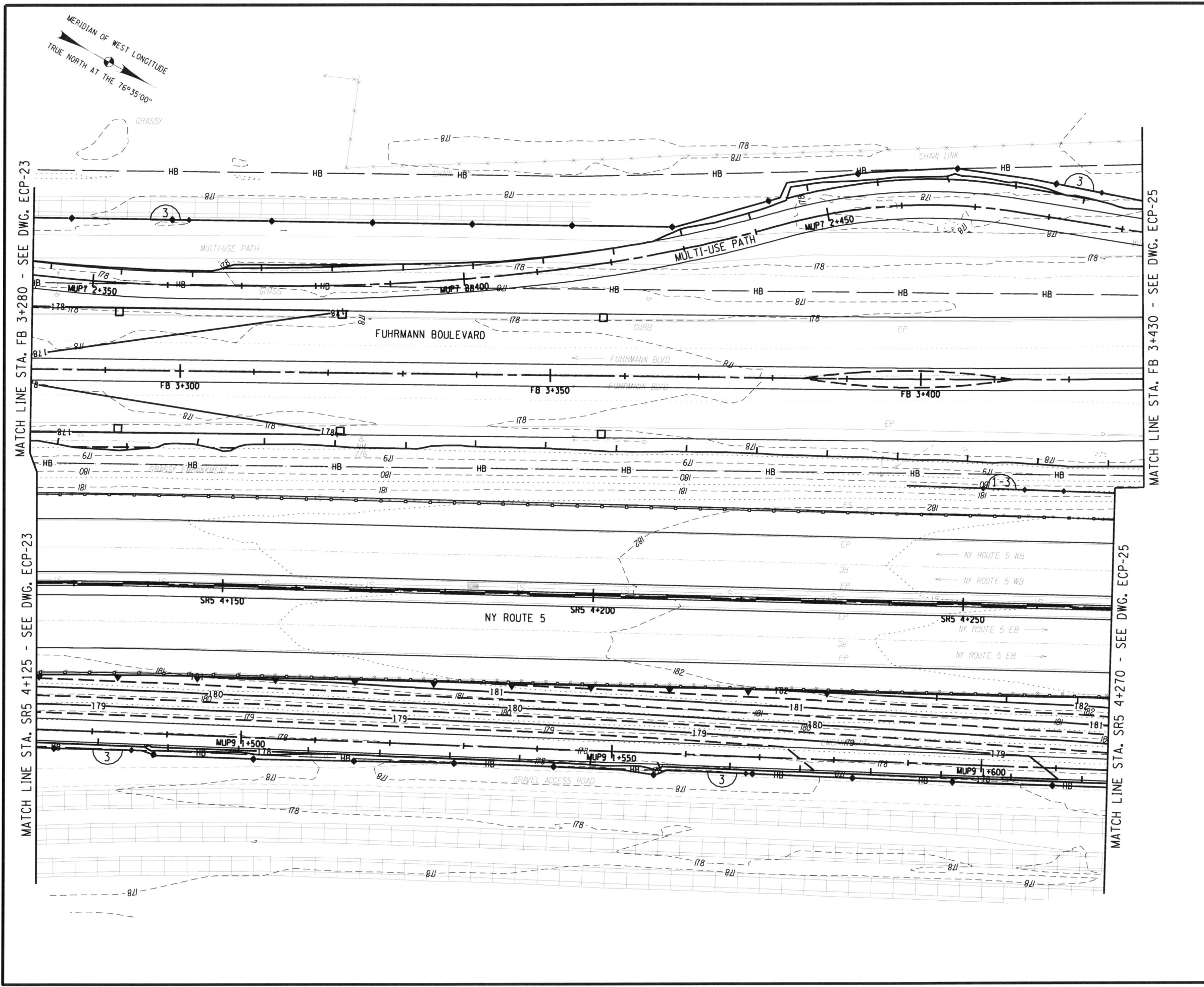
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

PB AMERICAS, INC. DATE 06/15/09 DRAWING NO. ECP-23

FILE: K:\NYSDOT\CADD\Region 5\040401\project\wy_highway_design\gn1515F50401_erc_plt_02.dwg PLOTTED BY: meclama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 CHECKED BY K. KERR



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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 716F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

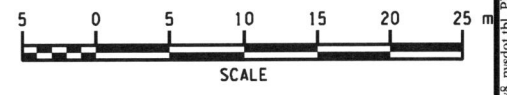
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 716.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No

John Zepewich 5-14-12
SIGNATURE DATE

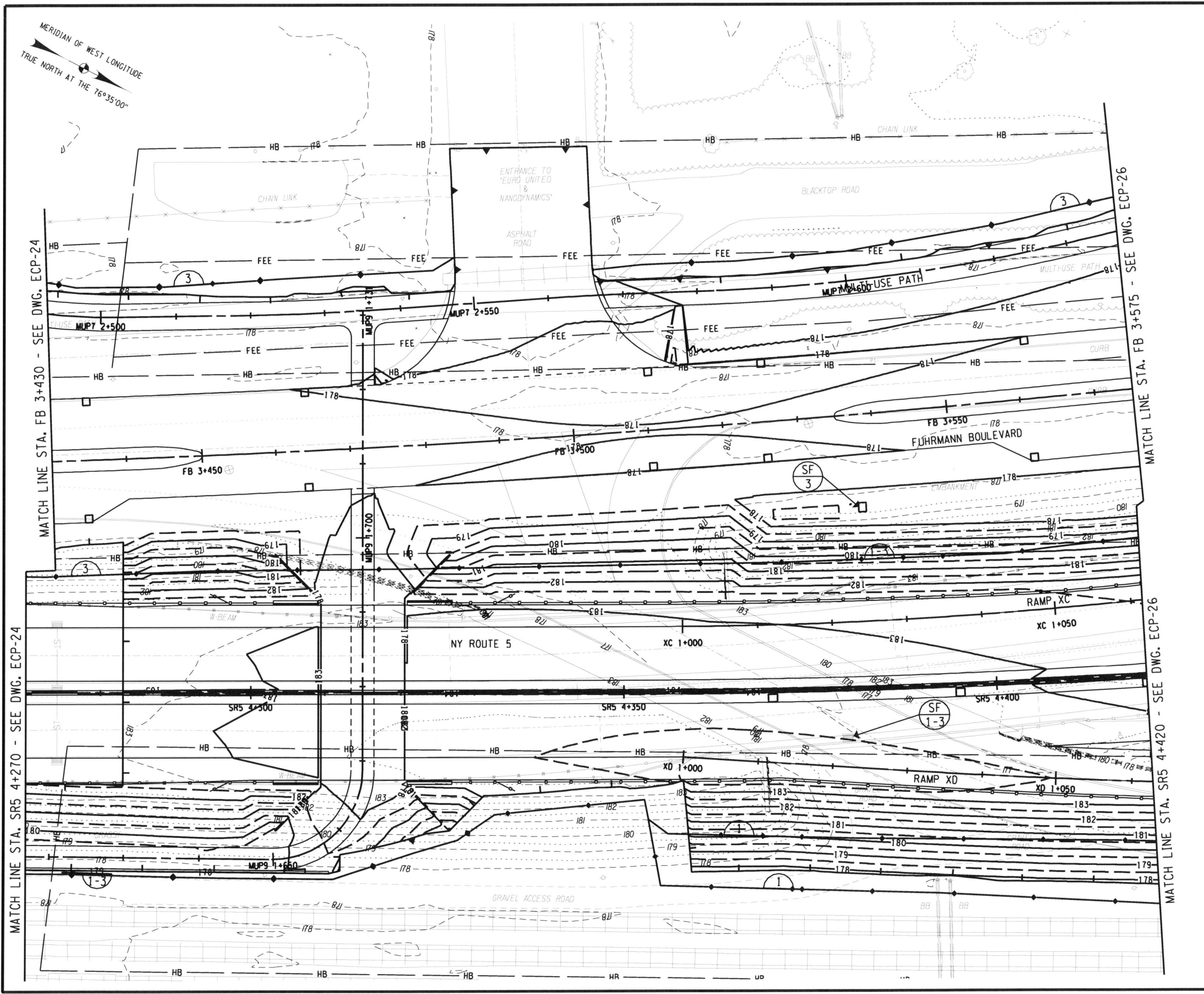
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 06/15/09 DRAWING NO. ECP-24

FILE: I:\NYSDOT\CADD\Region 5\5044\01\projects\sway_highway_design\dwg\716F1-54401_cpl_etc.plt_02.dwg
 DATE: 7/28/2010 10:38:11 AM

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 DESIGN SUPERVISOR J. HUBERT



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| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 717F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

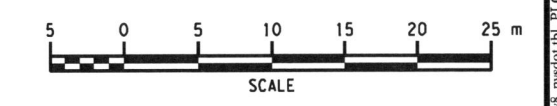
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 717.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
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ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No

SIGNATURE DATE 5-14-12

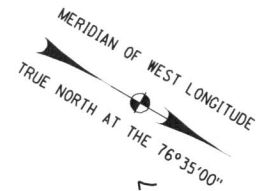
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

| | | |
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| PB AMERICAS, INC. | DATE 06/15/09 | DRAWING NO. ECP-25 |
|--------------------------|------------------|-----------------------|

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NOTE: GRADING TO BE MODIFIED IN THIS AREA TO ACCOMMODATE MULTI-USE PATH AND DRIVEWAY



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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 718F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
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| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
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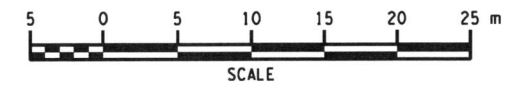
NOTES:

- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
- EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
- EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE
 THIS SHEET SUPERSEDES SHEET 718.
 NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

LEGEND:

- SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
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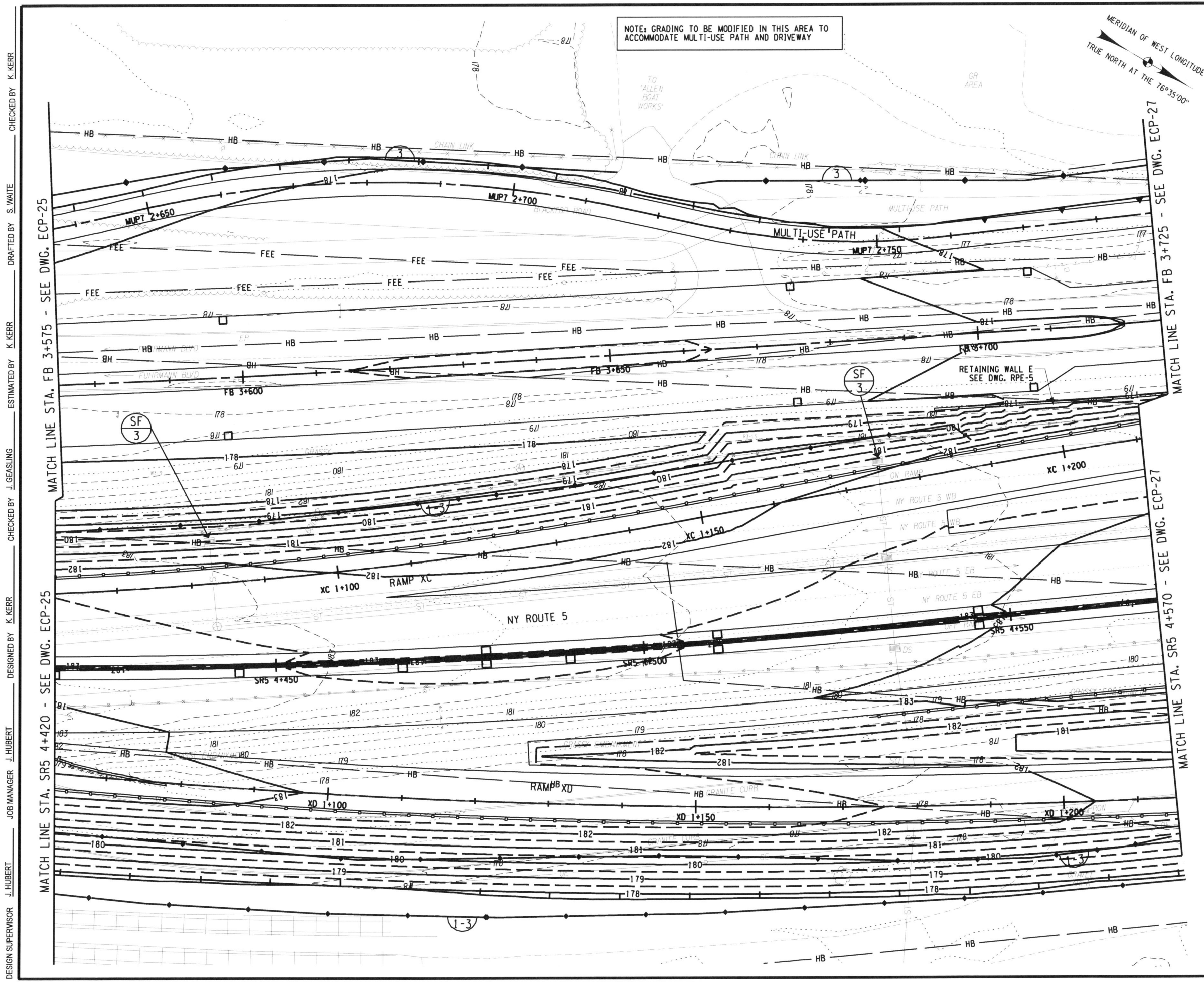
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GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

DATE: 12/31/09 DRAWING NO.: ECP-26

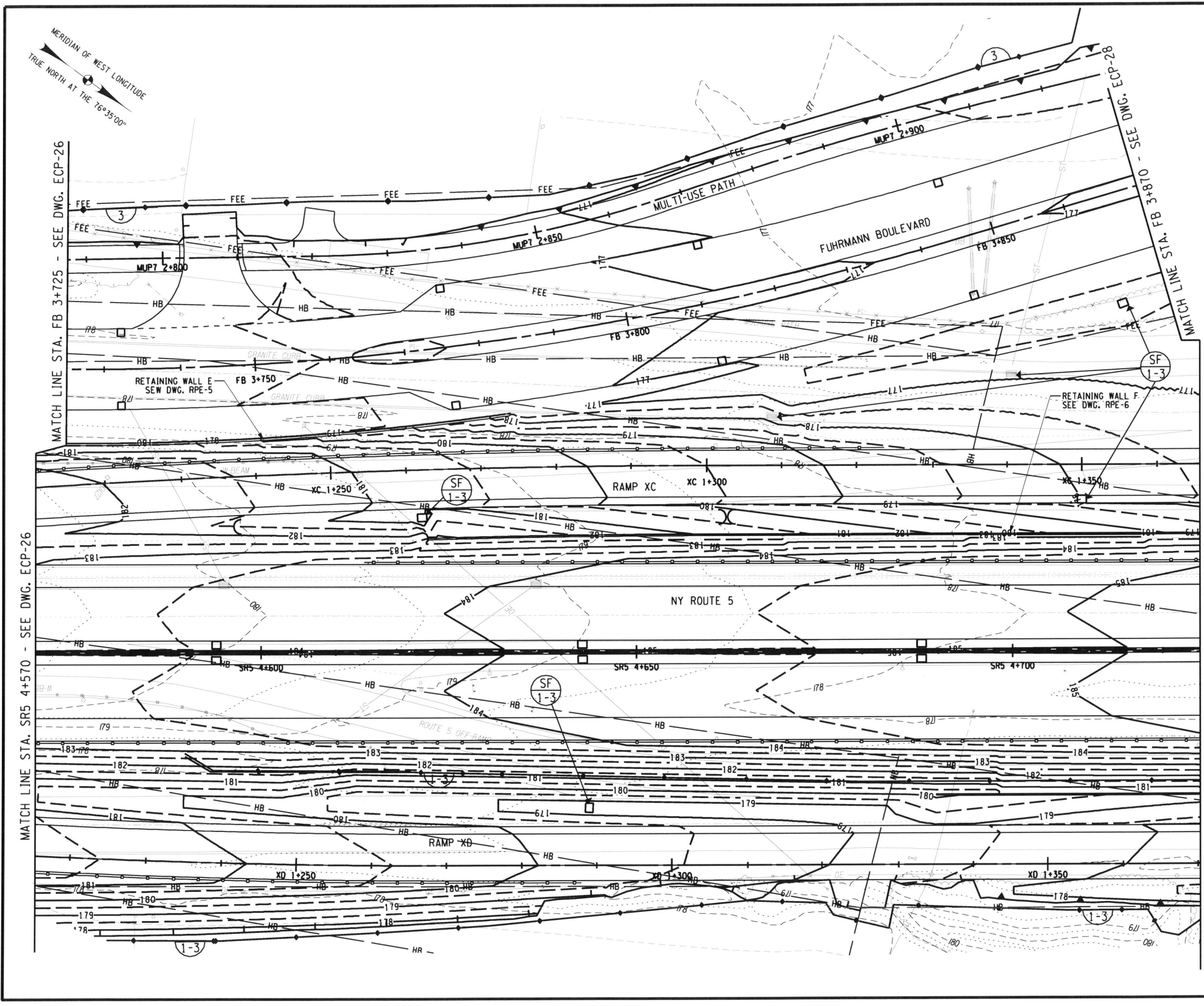
PB AMERICAS, INC.



DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR

FILE: P:\NY SDOT\CADD\Region 5\0404\projects\wy_highway_design\0404\cpl_erc_pnt_0404.dwg
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DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
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 CHECKED BY K. KERR
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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 719F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 719.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

LEGEND:

- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
- STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
- STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED

SCALE

ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No. *5-14-12*

Jeffrey Zeprowski
SIGNATURE DATE

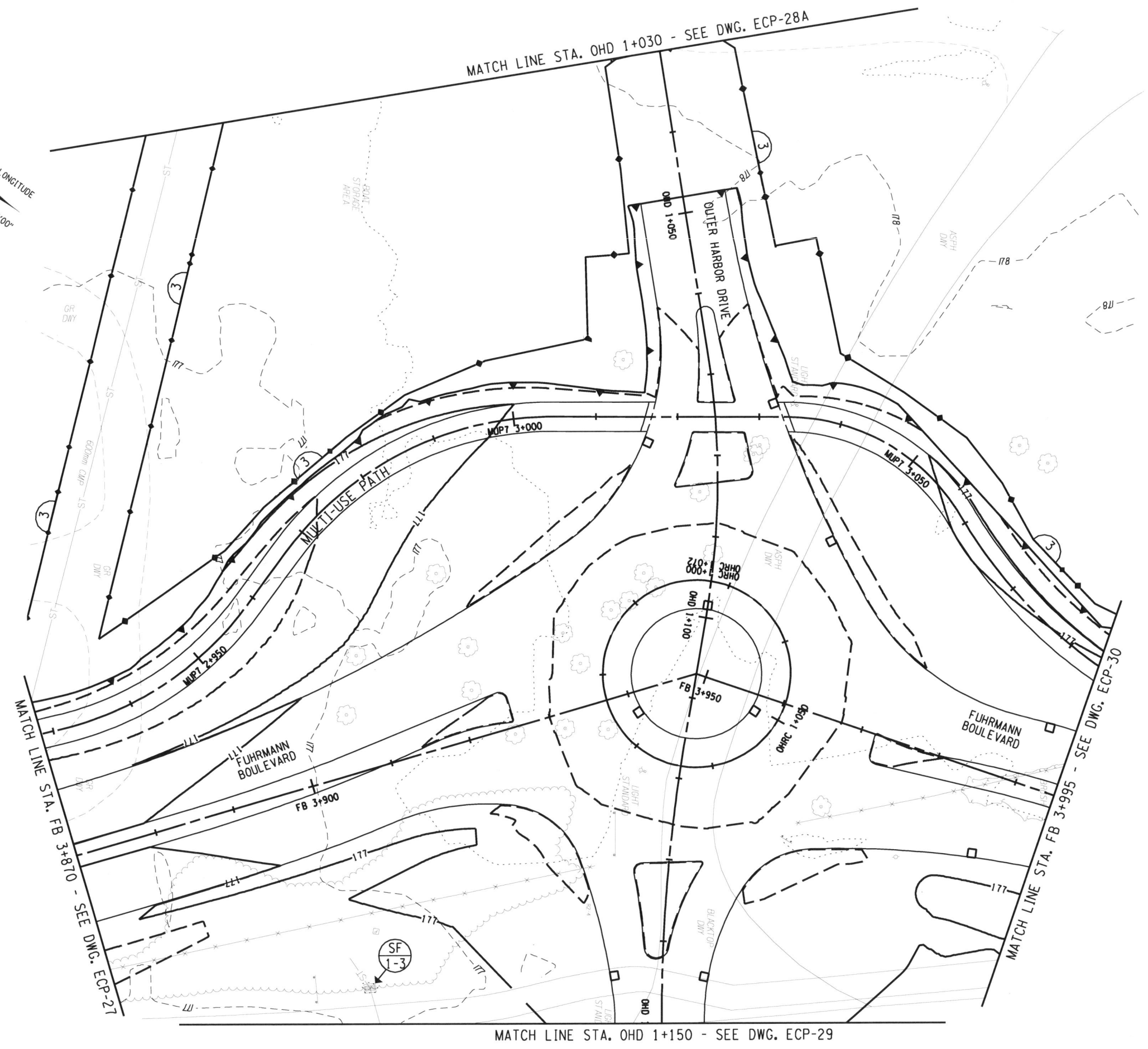
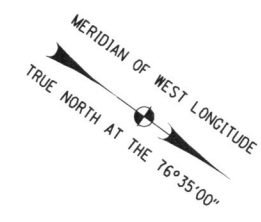
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

| | | |
|--------------------------|------------------|-----------------------|
| PB AMERICAS, INC. | DATE 12/31/09 | DRAWING NO. ECP-27 |
|--------------------------|------------------|-----------------------|

FILE: P:\NYSDOT\CADD\Region 5\04040\projects\skyway_highway_design\gen\191F-5440_cpl_ere_pnt_02.dwg
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DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. HUBERT
 CHECKED BY K. KERR
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR



| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 720F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

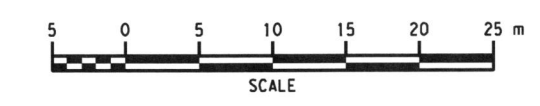
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 720.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No. _____

Jeffrey Zaporucha 5-14-12
SIGNATURE DATE

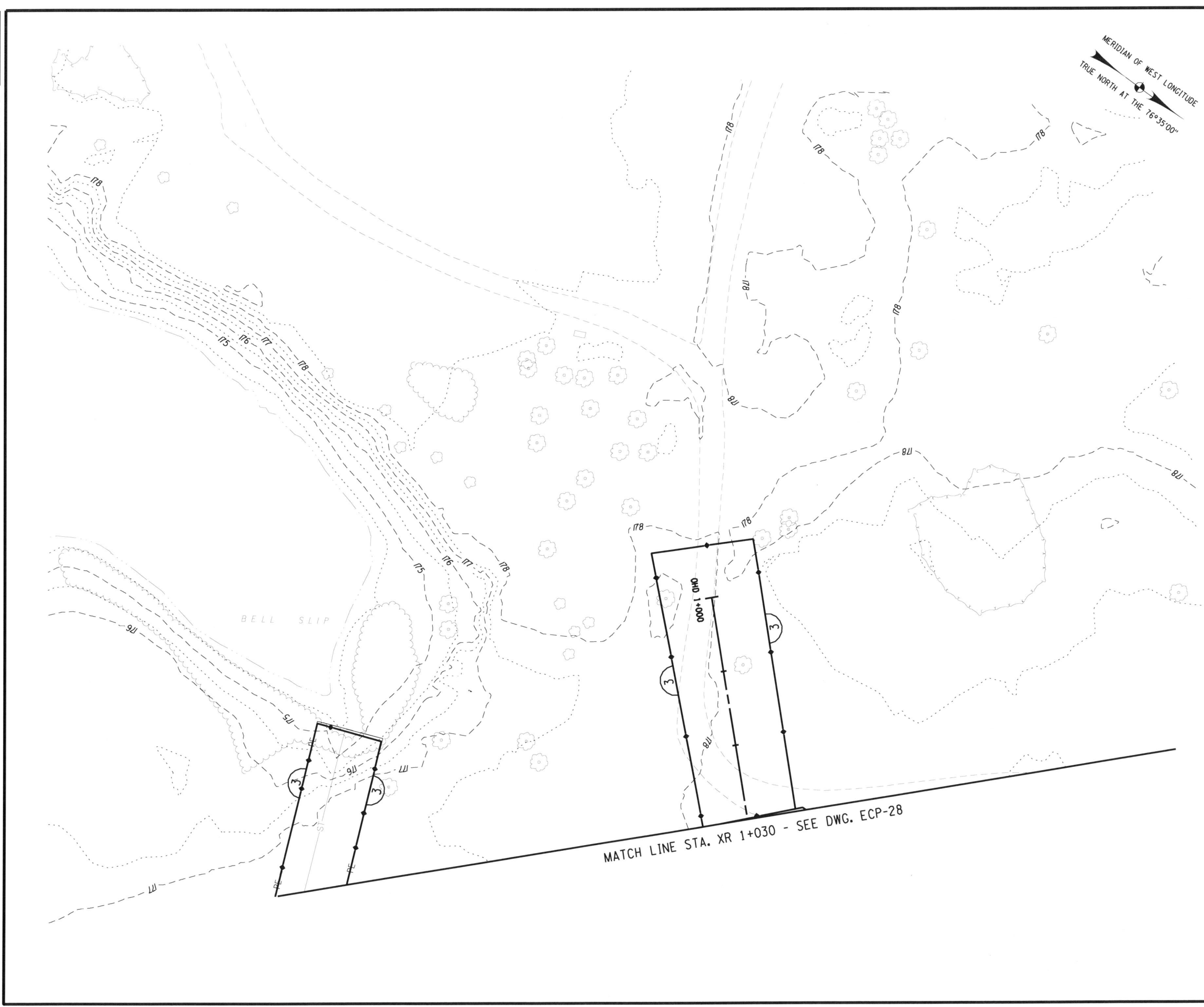
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

| | | |
|--------------------------|------------------|-----------------------|
| PB AMERICAS, INC. | DATE 12/31/09 | DRAWING NO. ECP-28 |
|--------------------------|------------------|-----------------------|

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DESIGN SUPERVISOR A. TABONI
 JOB MANAGER J. HUBERT
 DESIGNED BY M. MASER
 CHECKED BY A. TABONI
 ESTIMATED BY M. MASER
 DRAFTED BY S. WAITE
 CHECKED BY A. TABONI



| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 721F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

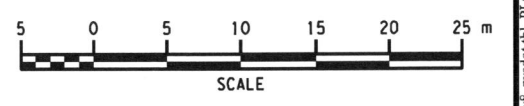
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 721.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No. _____

Jeffrey Zepurich 5-14-12
SIGNATURE DATE

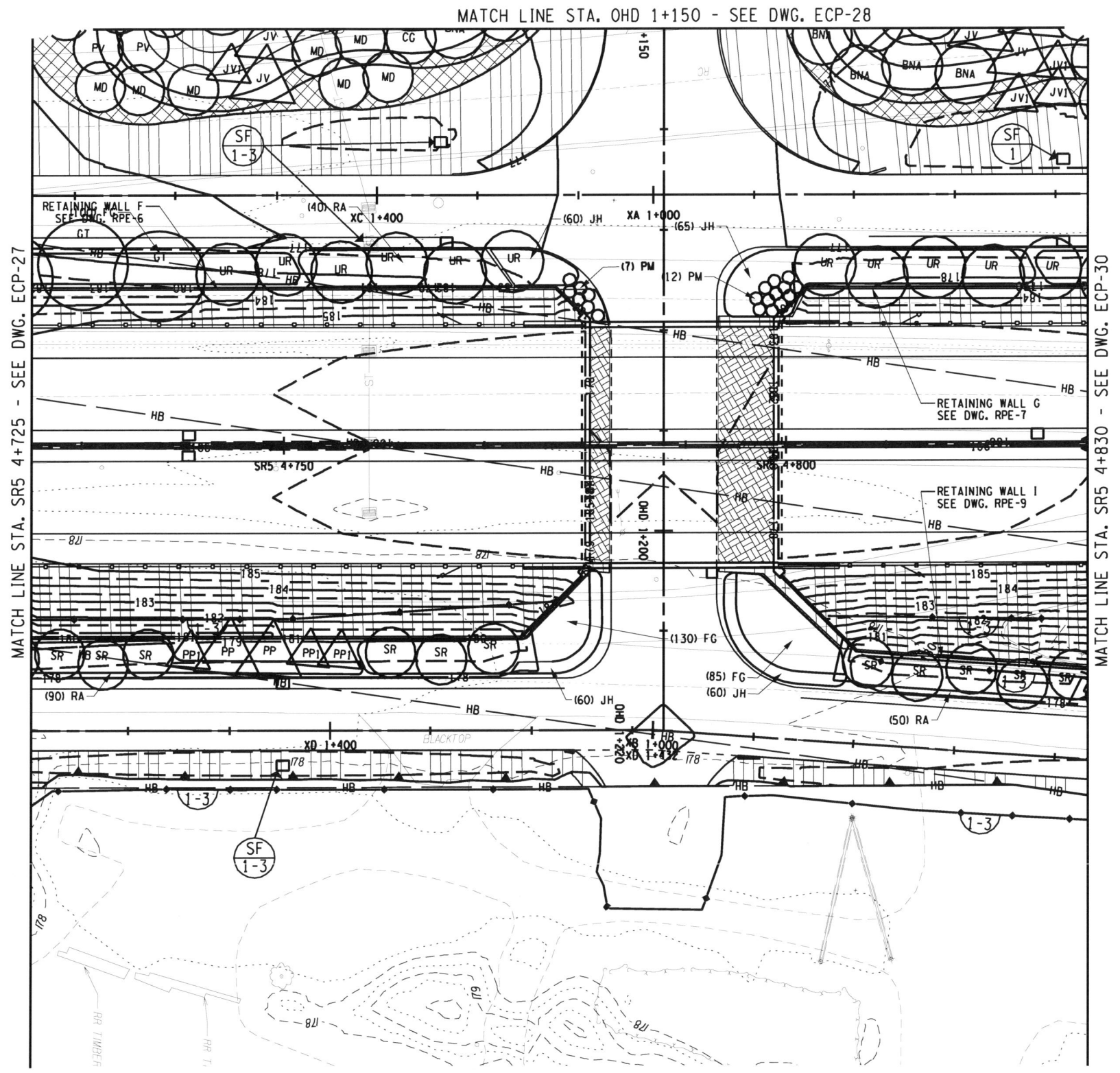
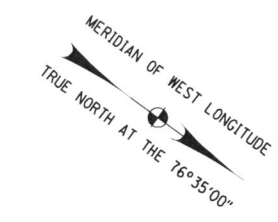
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 06/15/09 DRAWING NO. ECP-28A

FILE: F:\NYSDOT\CADD\Region 5\5044\projects\sy_highway_design\gn\721F1-5044\cpl_etc_pbl_028A.dgn
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 PLOTTER: BY: meclama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR



| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 722F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

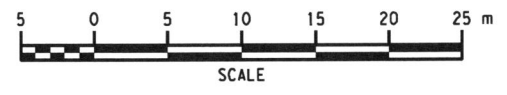
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 722.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S/C PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
 AS BUILT REVISIONS

N/A
Jeffrey Zaporucha 5-14-12
 SIGNATURE DATE

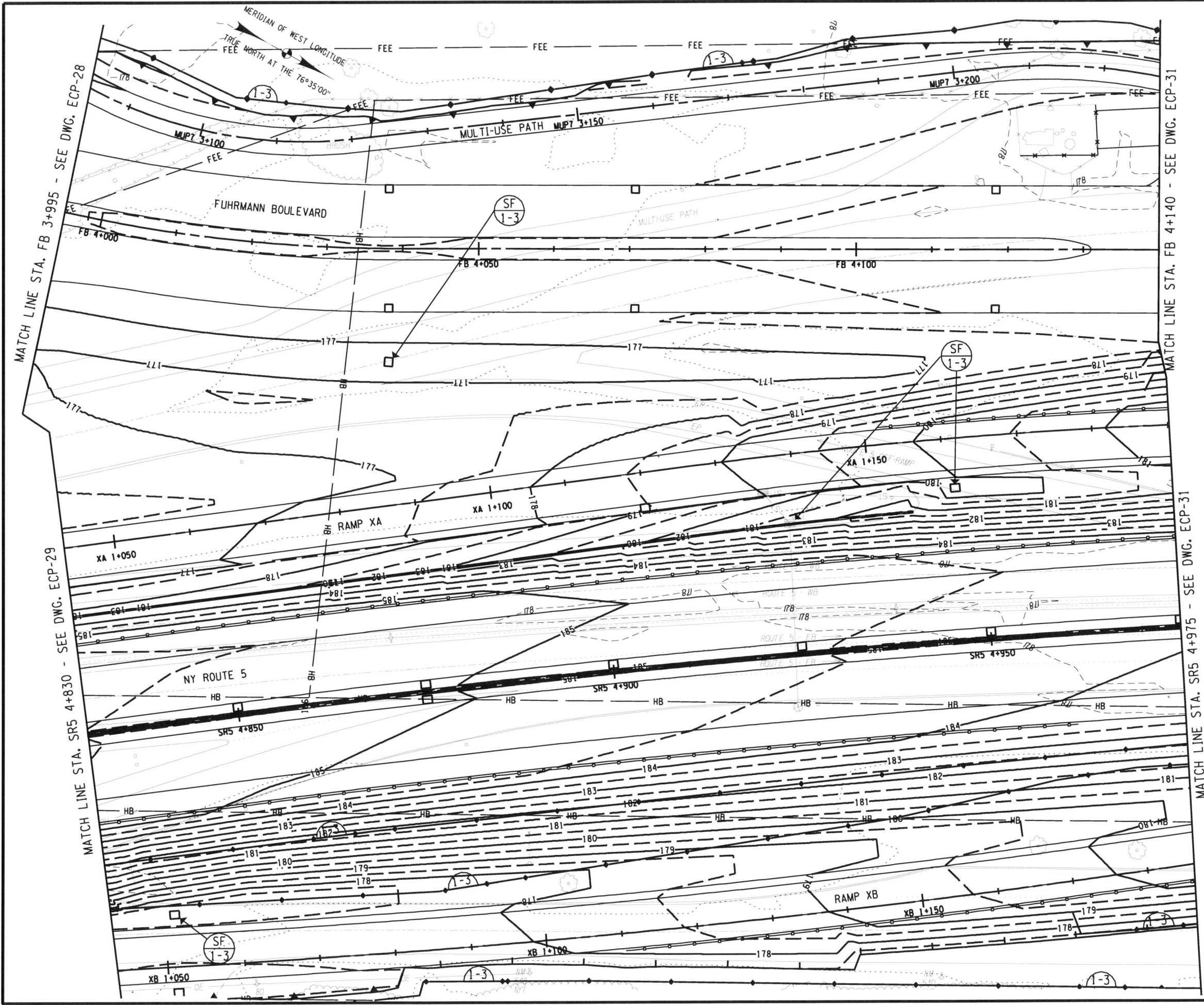
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-29

FILE: P:\NYSDOT\CADD\Region 5\5044\proj\proj_swy_highway_design\gn1\22F1-5044\cpl_etc_pln_029.dgn

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 ESTIMATED BY J. GEASLING
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 CHECKED BY K. KERR



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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 723F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

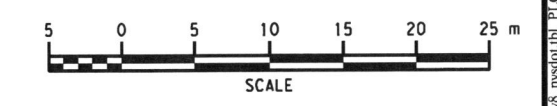
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 723.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
 AS BUILT REVISIONS

No. *5-14-12*

Jeffrey Zaporucha
 SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

PB AMERICAS, INC.

DATE 12/31/09 DRAWING NO. ECP-30

FILE: P:\NYS\DO\CAADD\Region 5\0400\projects\wy_highway_design\dwg\227534001_epl_err_p1.dwg DATE: 12/28/2010 11:45:33 AM

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR

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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 724F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

- NOTES:
1. SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 2. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 3. EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

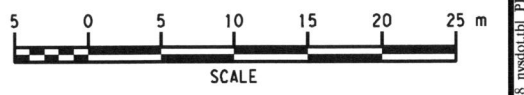
FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 724.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

LEGEND:

- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
- STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
- STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



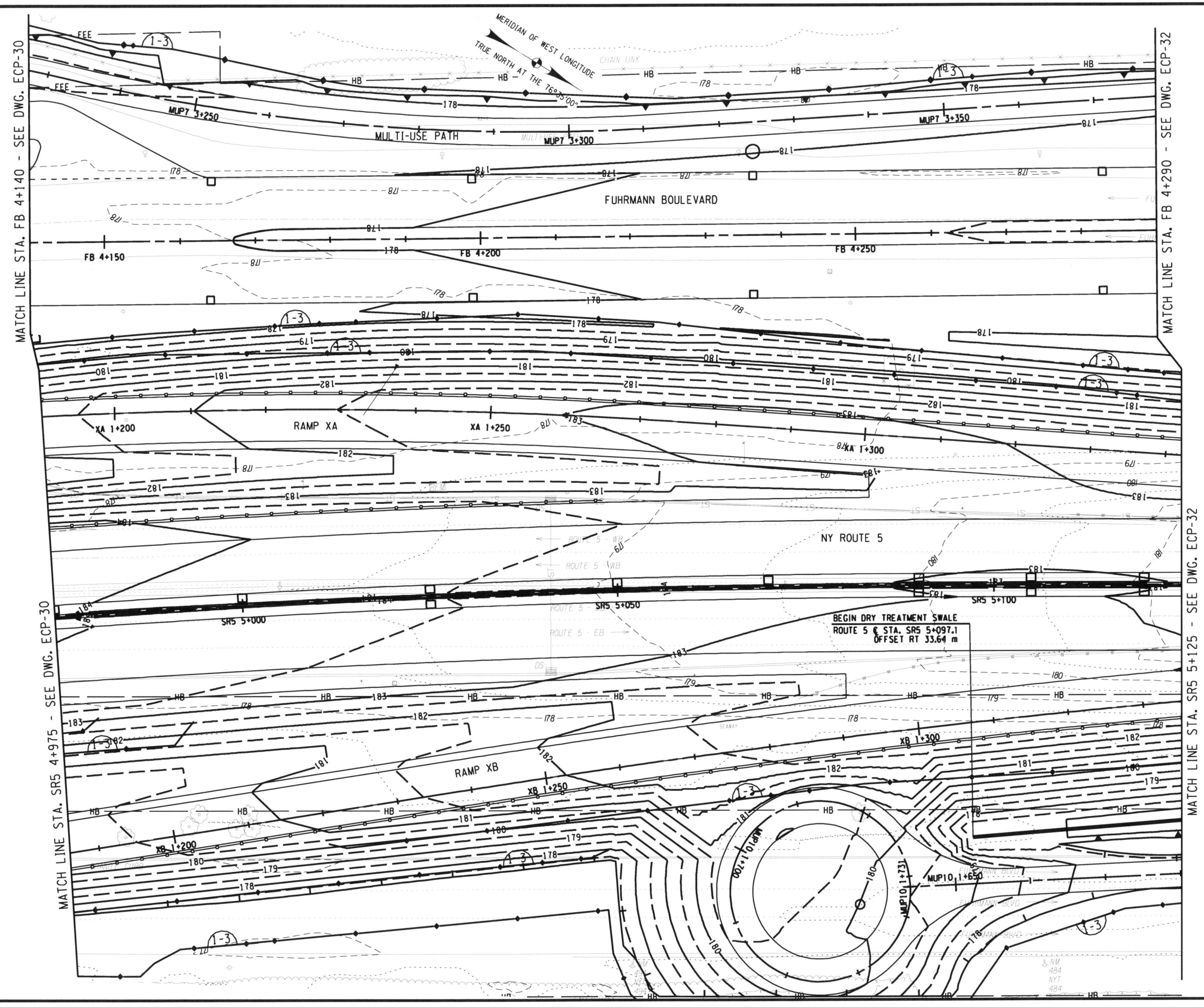
ALL DIMENSIONS ARE IN M UNLESS OTHERWISE NOTED
 AS BUILT REVISIONS

No. *5-14-12*
 SIGNATURE *Jeffrey Zepewich* DATE *5-14-12*

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

PB AMERICAS, INC. DATE 08/15/09 DRAWING NO. ECP-31



MATCH LINE STA. FB 4+140 - SEE DWG. ECP-30

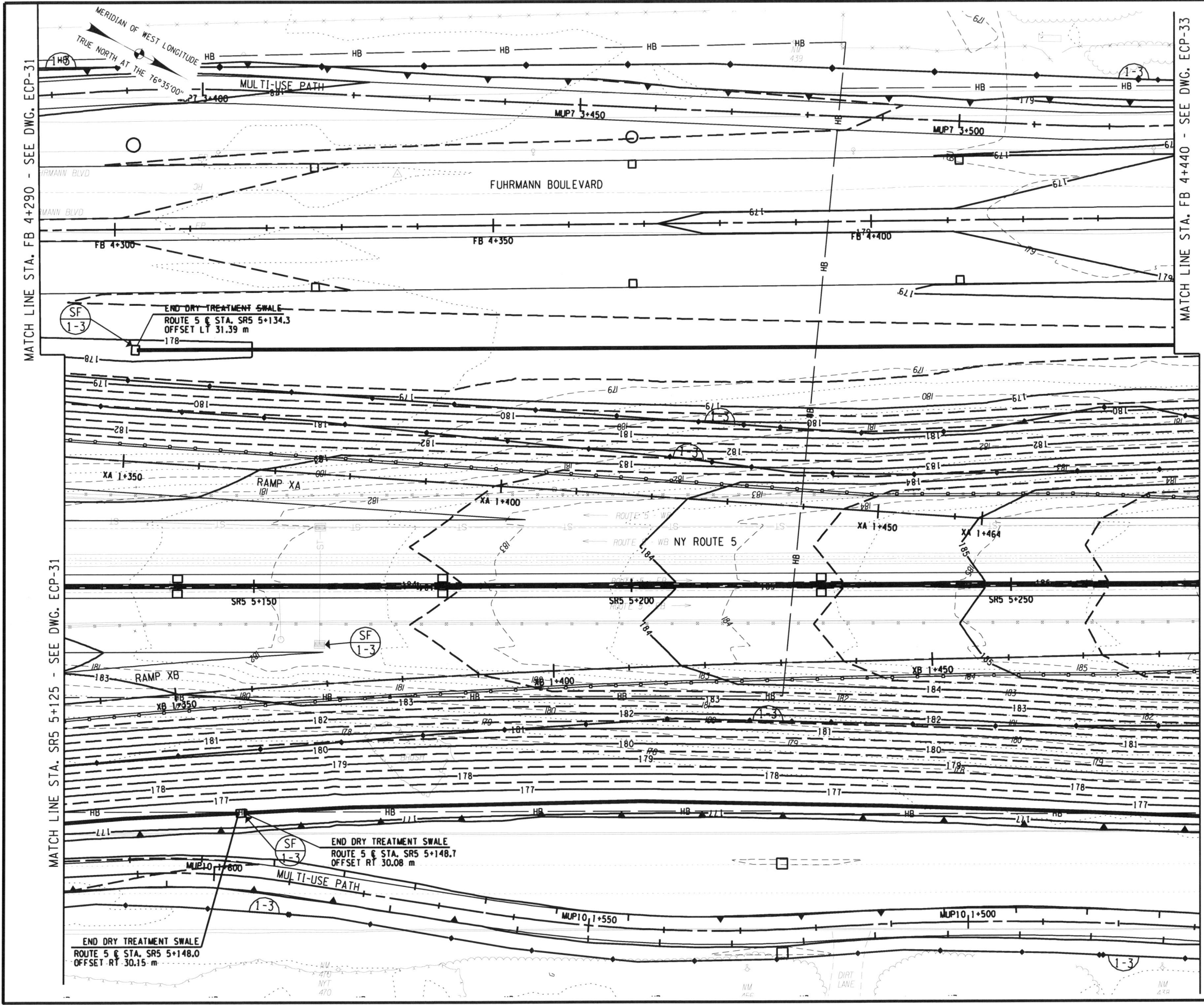
MATCH LINE STA. SR5 4+975 - SEE DWG. ECP-30

MATCH LINE STA. FB 4+290 - SEE DWG. ECP-32

MATCH LINE STA. SR5 5+125 - SEE DWG. ECP-32

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DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 CHECKED BY K. KERR



| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 725F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

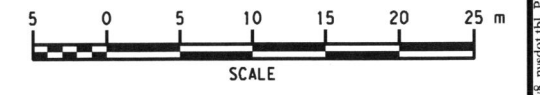
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 725.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
 AS BUILT REVISIONS

No. _____

John Zepner 5-14-12
 SIGNATURE DATE

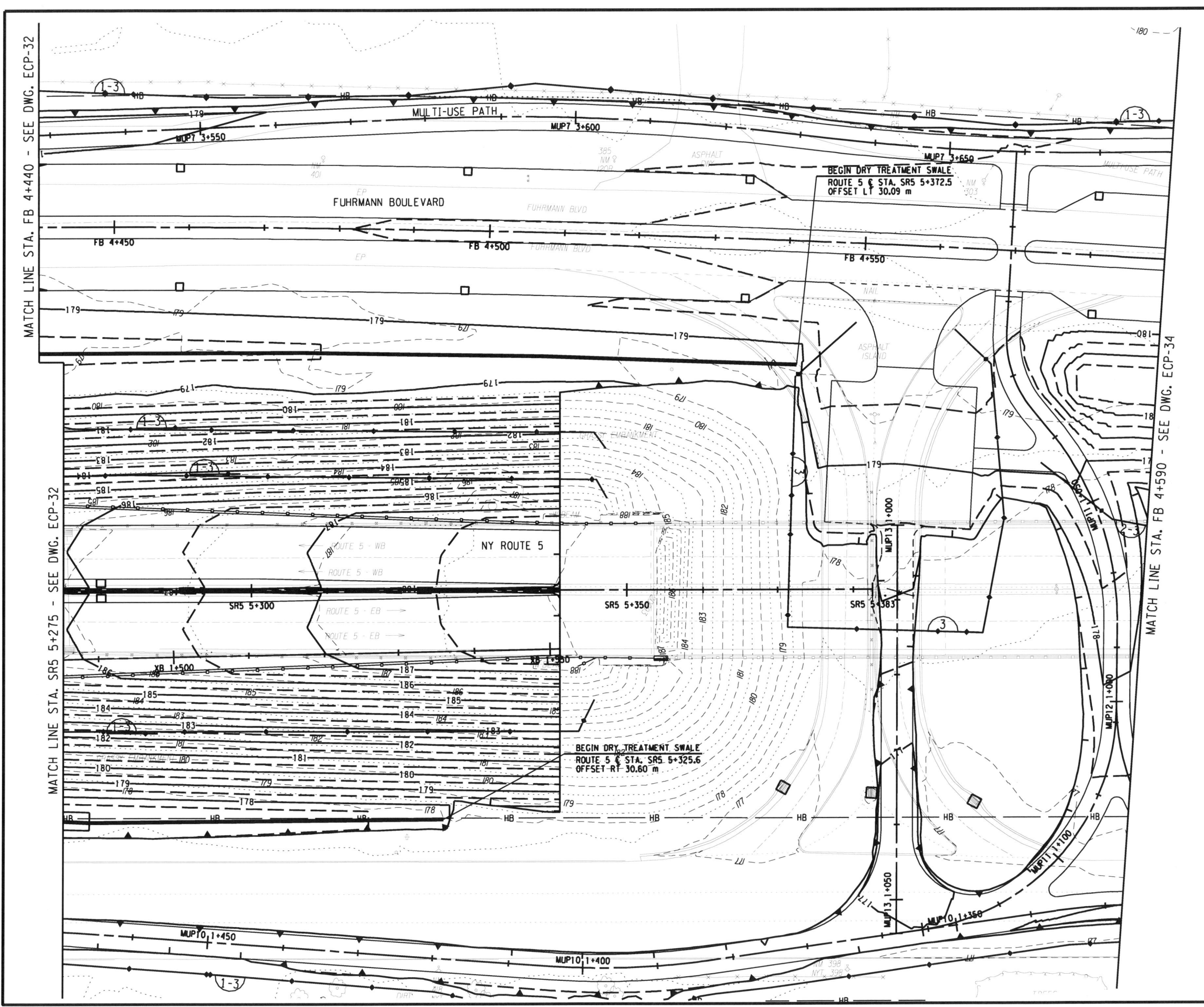
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

| | | |
|--------------------------|------------------|-----------------------|
| PB AMERICAS, INC. | DATE 06/15/09 | DRAWING NO. ECP-32 |
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FILE: I:\NYSDOT\CADD\Region 5\0440\projects\highway_design\plan\25F5040\cpl_erc_pln_03.dwg PLOTTED BY: meclama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 FILE: I:\NYSDOT\CADD\Region 5\040\projects\highway_design\plan\26\F5040\1_erc_pln_033.dgn



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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 726F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

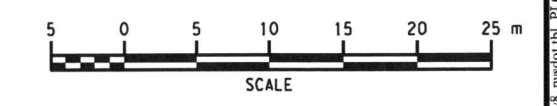
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 726.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
 AS BUILT REVISIONS

No. _____

Jeffrey Zaporucha 5-14-12
 SIGNATURE DATE

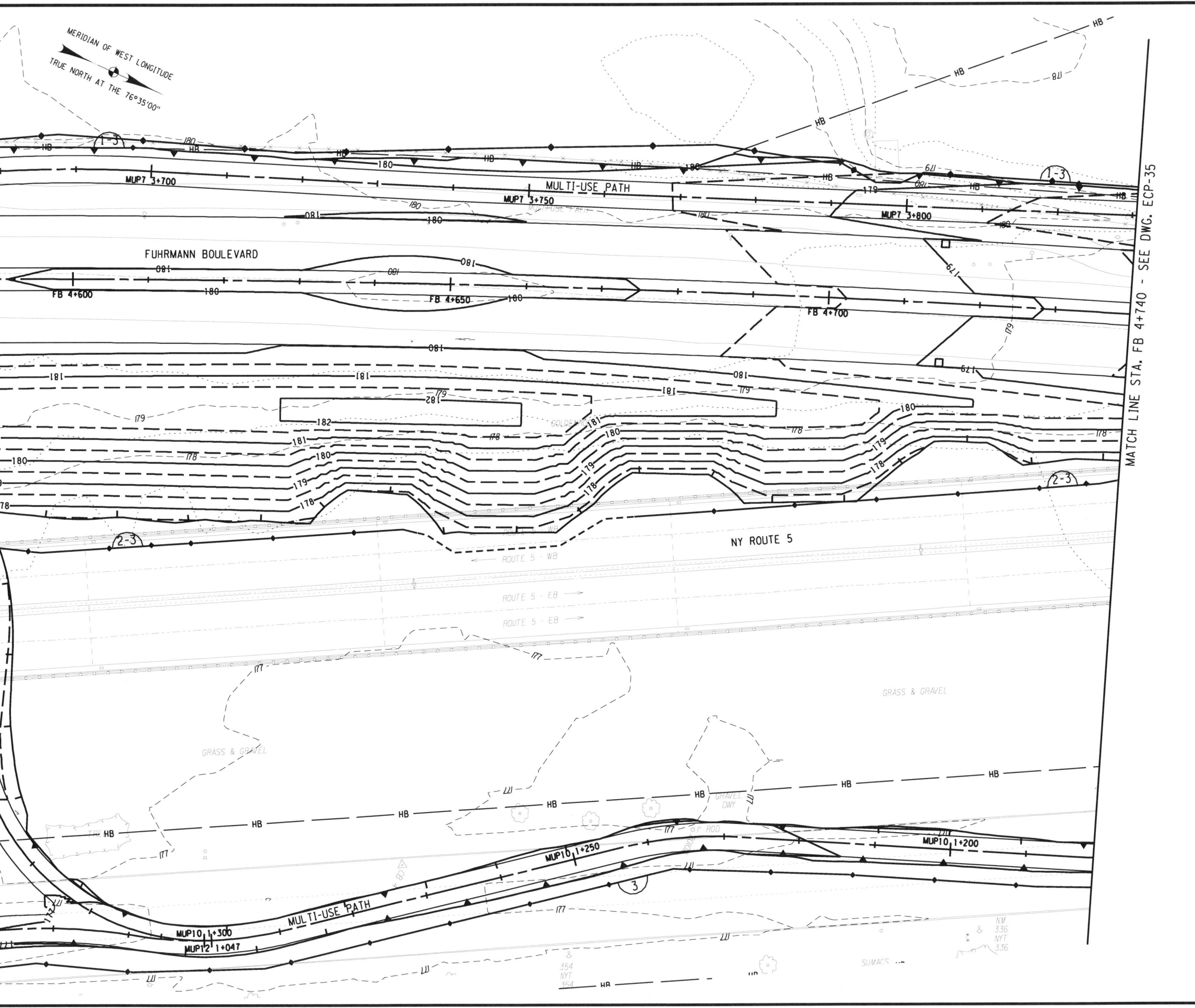
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

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|--------------------------|------------------|-----------------------|
| PB AMERICAS, INC. | DATE 06/15/09 | DRAWING NO. ECP-33 |
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DATE: 7/28/2010 10:57:52 AM
 FILE: I:\NYSDOT\CADD\Region 5\040\projects\highway_design\plan\26\F5040\1_erc_pln_033.dgn
 PLOT BY: meclama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 ECP-33



| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 727F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

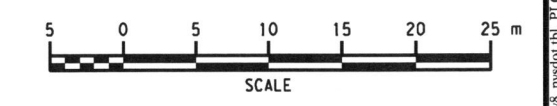
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 727.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S&C PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN M UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No. 5-14-12

Jeffrey Zepucha
SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

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| PB AMERICAS, INC. | DATE 12/31/09 | DRAWING NO. ECP-34 |
|--------------------------|------------------|-----------------------|

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DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 FILE: I:\NYSDOT\CADD\Region 5\0400\projects\way_highway_design\gen\28F50400_spl_erc_plt_003.dgn

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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 728F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

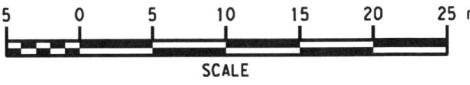
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 728.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED

AS BUILT REVISIONS

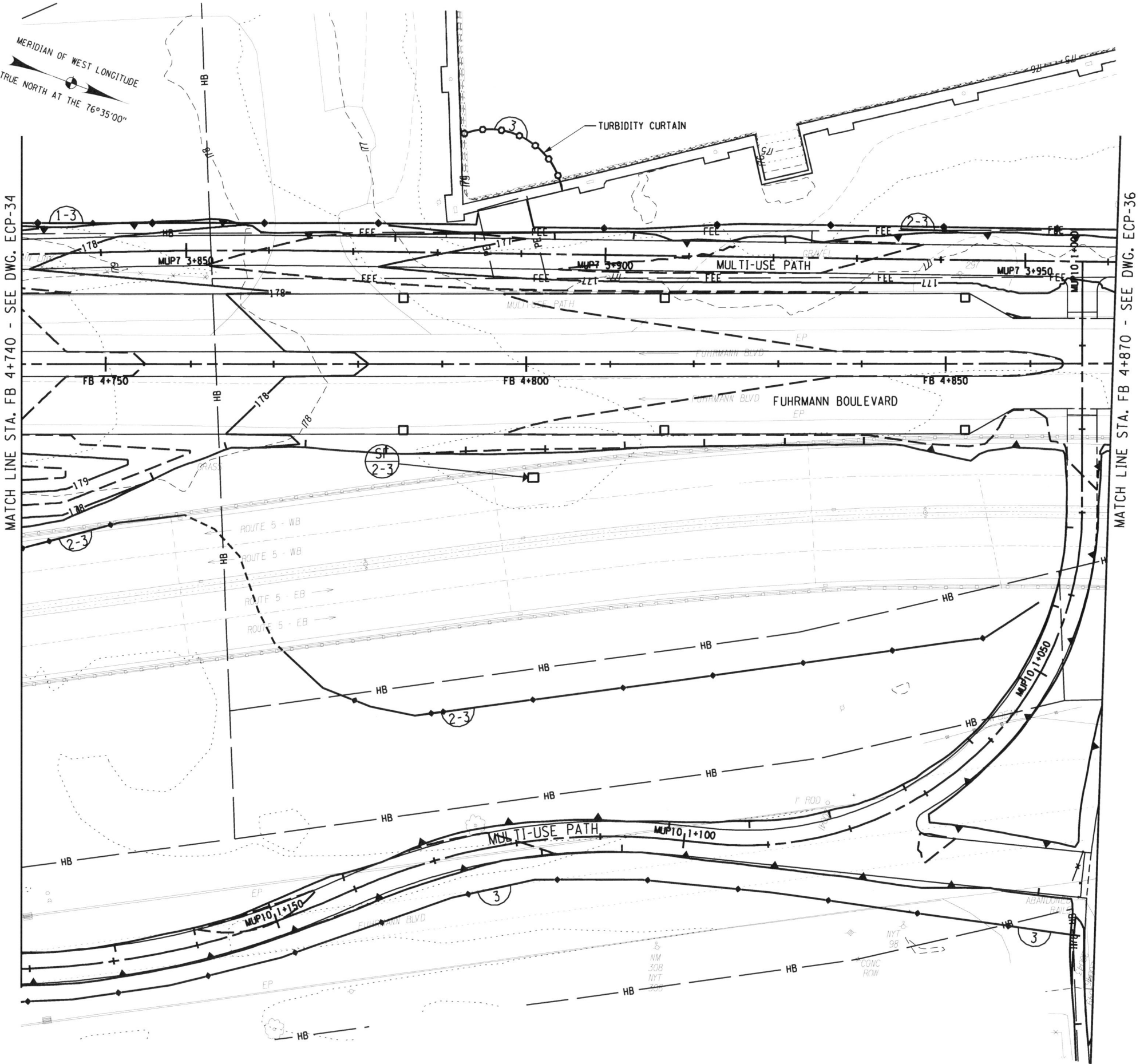
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John Zaporucha 5-14-12
SIGNATURE DATE

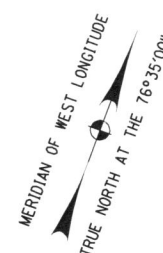
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-35



DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 +

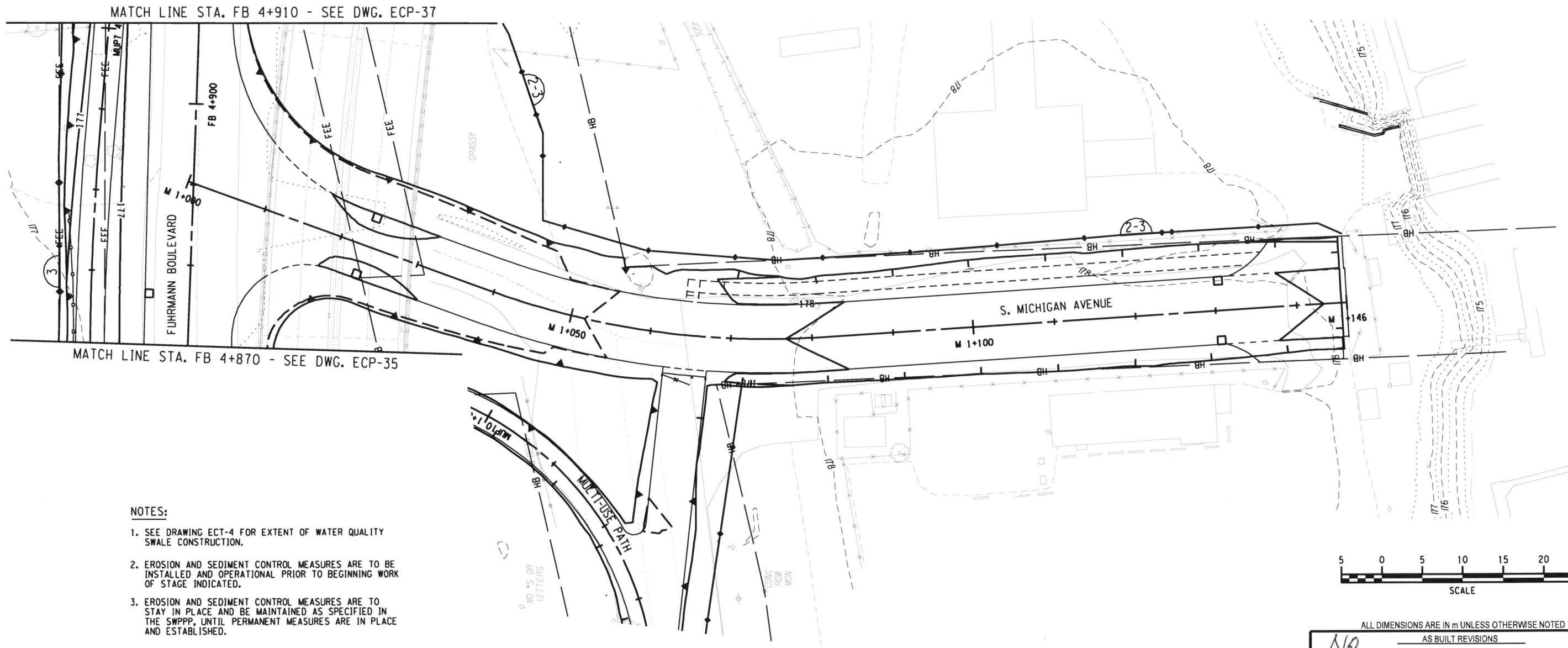


FIELD CHANGE

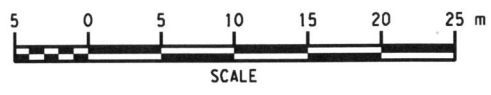
THIS SHEET SUPERSEDES SHEET 729.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 729F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |



- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.



- LEGEND:**
- SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED

ALL DIMENSIONS ARE IN M UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

NO

5-14-12

SIGNATURE DATE

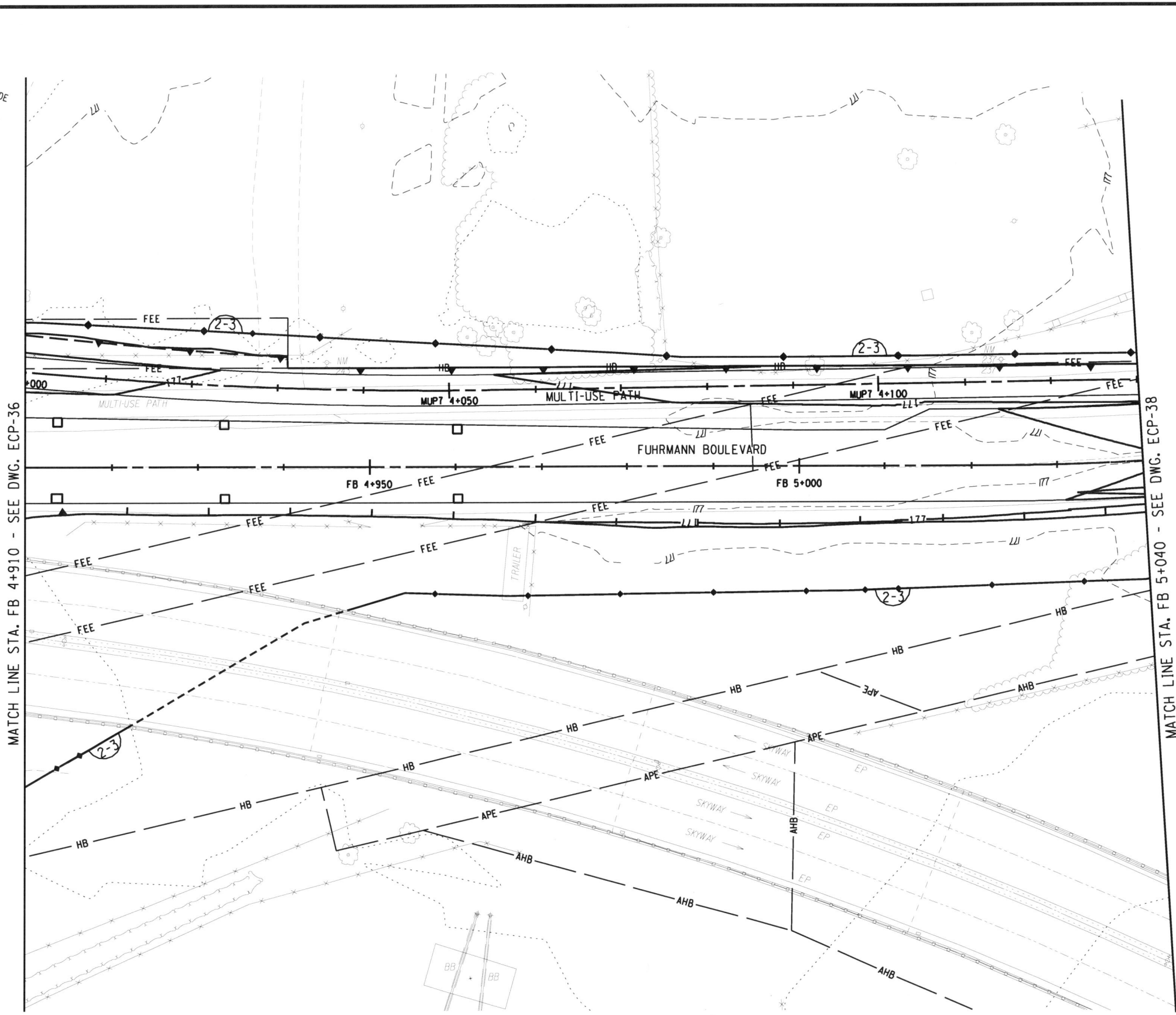
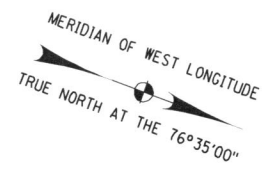
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

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| PB AMERICAS, INC. | DATE 12/31/09 | DRAWING NO. ECP-38 |
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FILE: P:\NYSDOT\CADD\Region 5\0440\projects\wy_highway_design\0729F1\0440_cpl_erc_plt_086.dgn
 DATE: 12/28/09 11:00:25 AM
 PLOTTED BY: meclama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR



MATCH LINE STA. FB 4+910 - SEE DWG. ECP-36

MATCH LINE STA. FB 5+040 - SEE DWG. ECP-38

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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 730F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

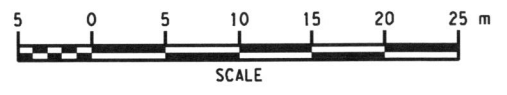
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 730.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No. _____

Jeffrey Zepurich 5-14-12
SIGNATURE DATE

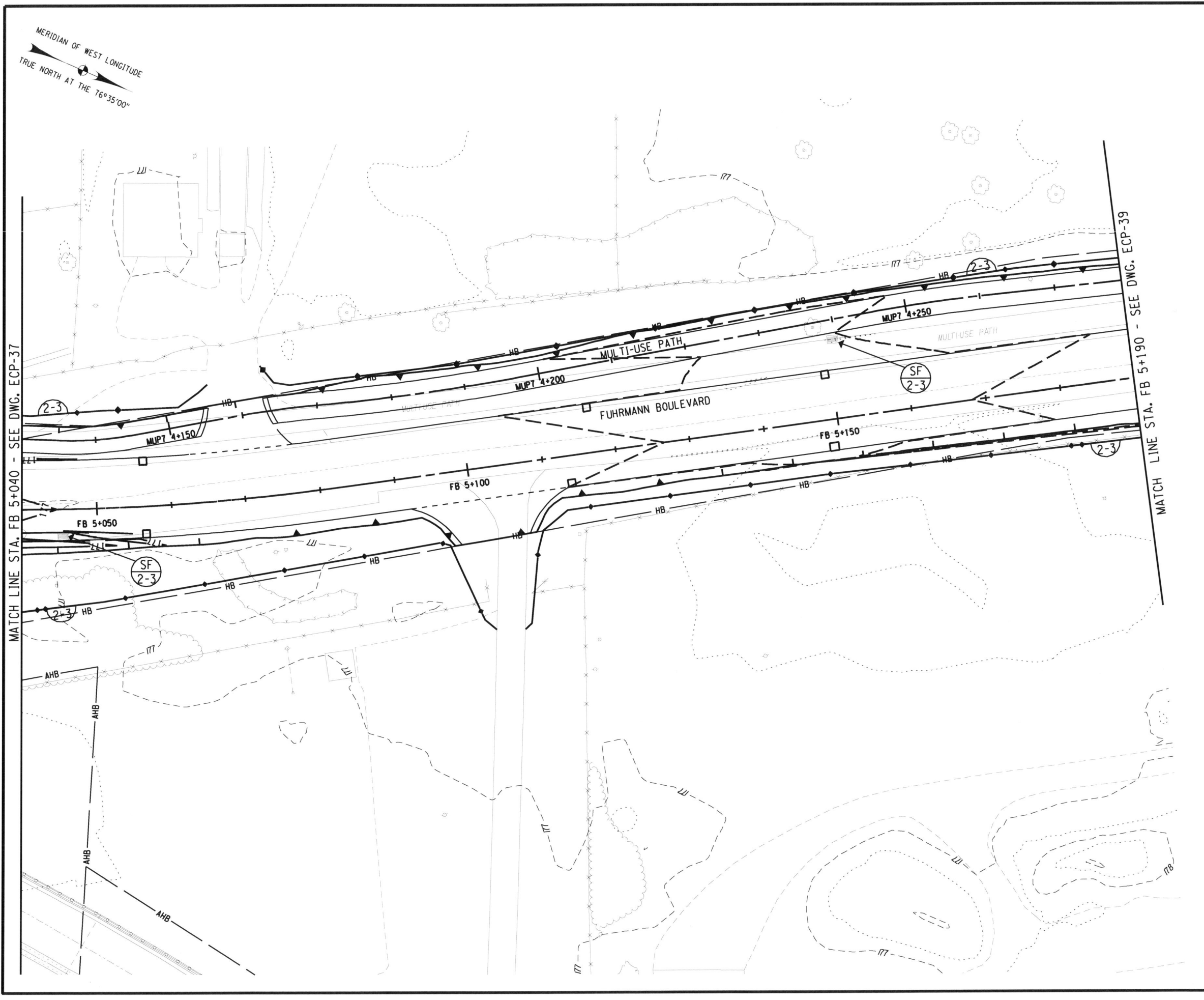
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PA AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-37

FILE: T:\NYSDOT\CADD\Region 5\5044\projects\hwy_highway_design\ugm\30F1-5044\cpl_erc_plt_037.dgn
 DATE: 7/28/2010 11:03:14 AM
 PLOTTER: BY: mclama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR



| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 731F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

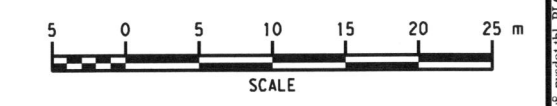
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 731.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No. _____

Jeffrey Zepewich 5-14-12
SIGNATURE DATE

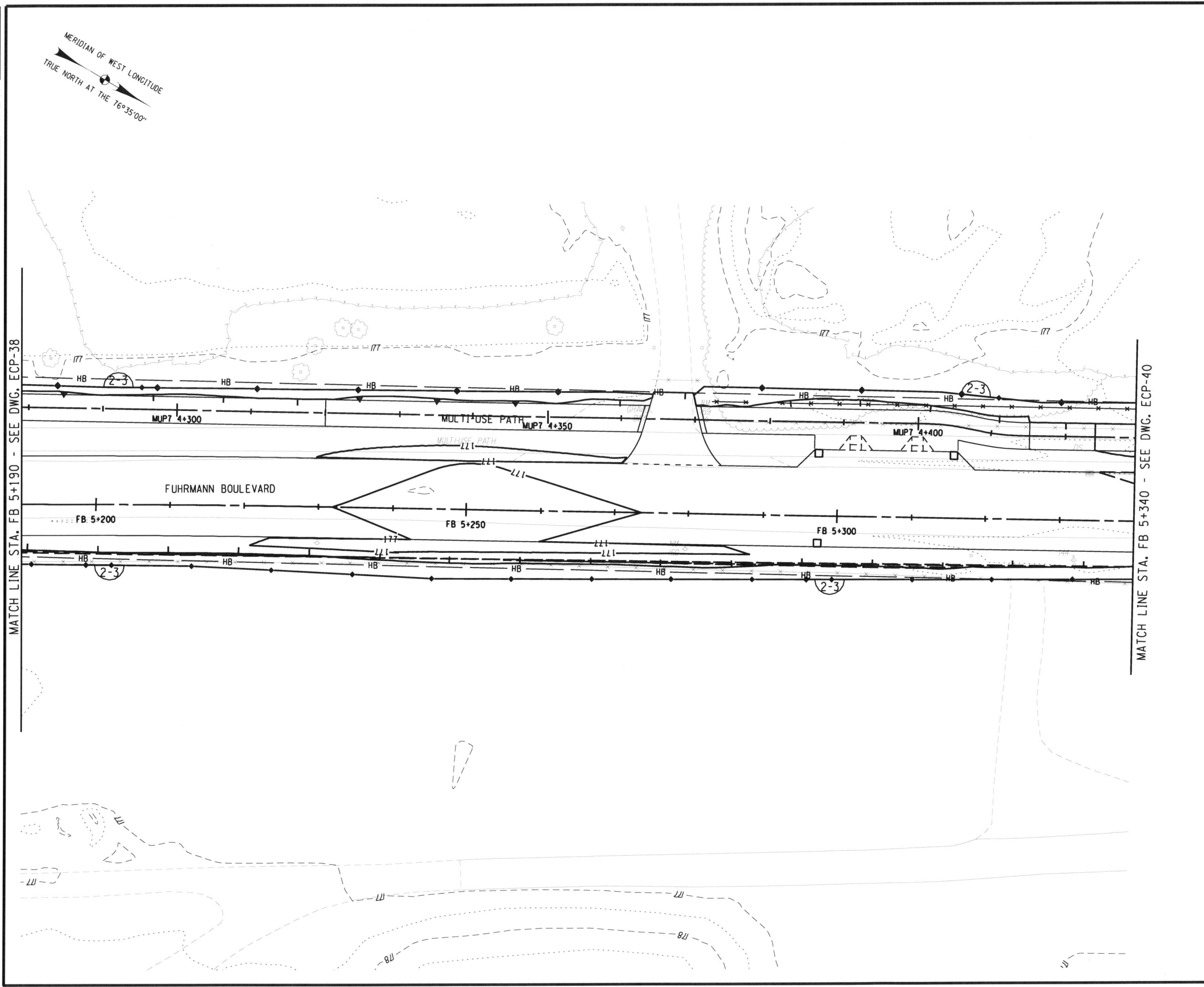
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

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|--------------------------|------------------|-----------------------|
| PB AMERICAS, INC. | DATE 12/31/09 | DRAWING NO. ECP-38 |
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FILE: T:\NYSDOT\CADD\Region 5\5044\01\project\sway_highway_design\gn1\31F-5044\cpl_etc.pnt_035.dgn
 DATE: 7/28/2010 11:01:57 AM
 PLOTTED BY: mclama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 CHECKED BY K. KERR
 ESTIMATED BY J. GEASLING
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 +



| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 732F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

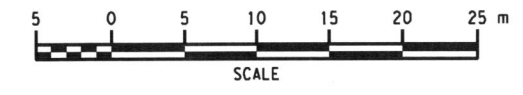
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 732.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No

Jeffrey Zepewich 5-14-12
SIGNATURE DATE

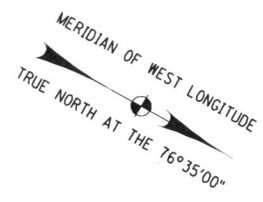
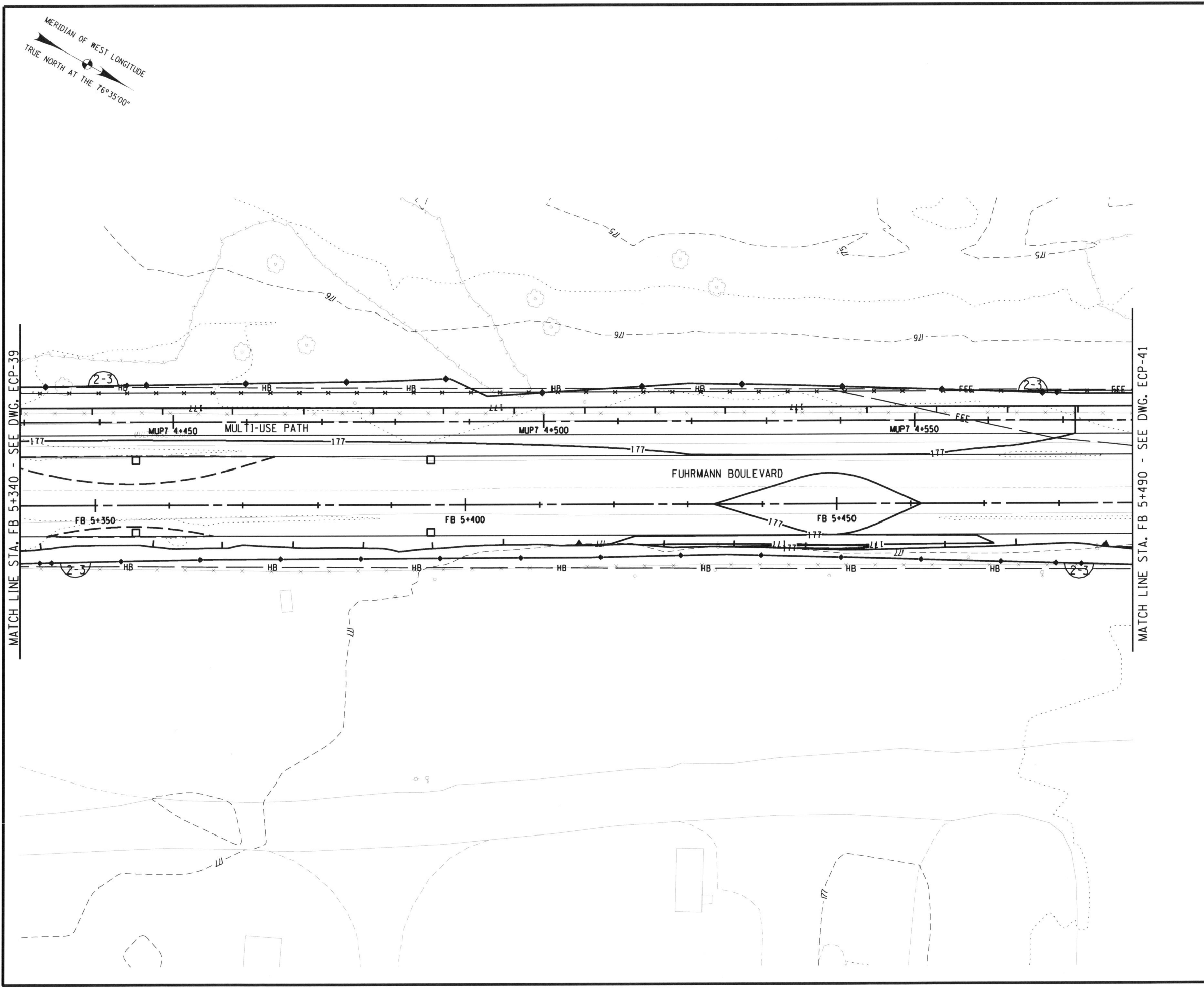
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-39

FILE: F:\NYSDOT\CADD\Region 5\5044\projects\sv_highway_design\gn1\22F1-5044\cpl_etc_pln_059.dgn
 DATE: 12/21/09 11:02:42 AM
 PLOTTED BY: mclama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
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| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 733F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 58-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

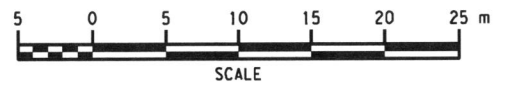
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 733.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No. *5-14-12*

Jeffrey Zepewich
SIGNATURE DATE

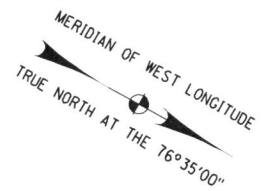
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

| | | |
|--------------------------|------------------|-----------------------|
| PB AMERICAS, INC. | DATE 12/31/09 | DRAWING NO. ECP-40 |
|--------------------------|------------------|-----------------------|

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 DATE: 12/28/2009 10:08:03 AM
 PLOT FILE: C:\Program Files\Bentley\Workspace\System\tables\penw8_nysdot.tbl PLOTTED BY: mciama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 DATE: 12/31/09



| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 734F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

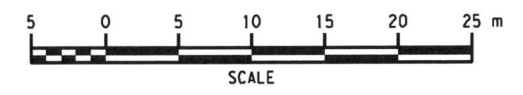
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 734.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

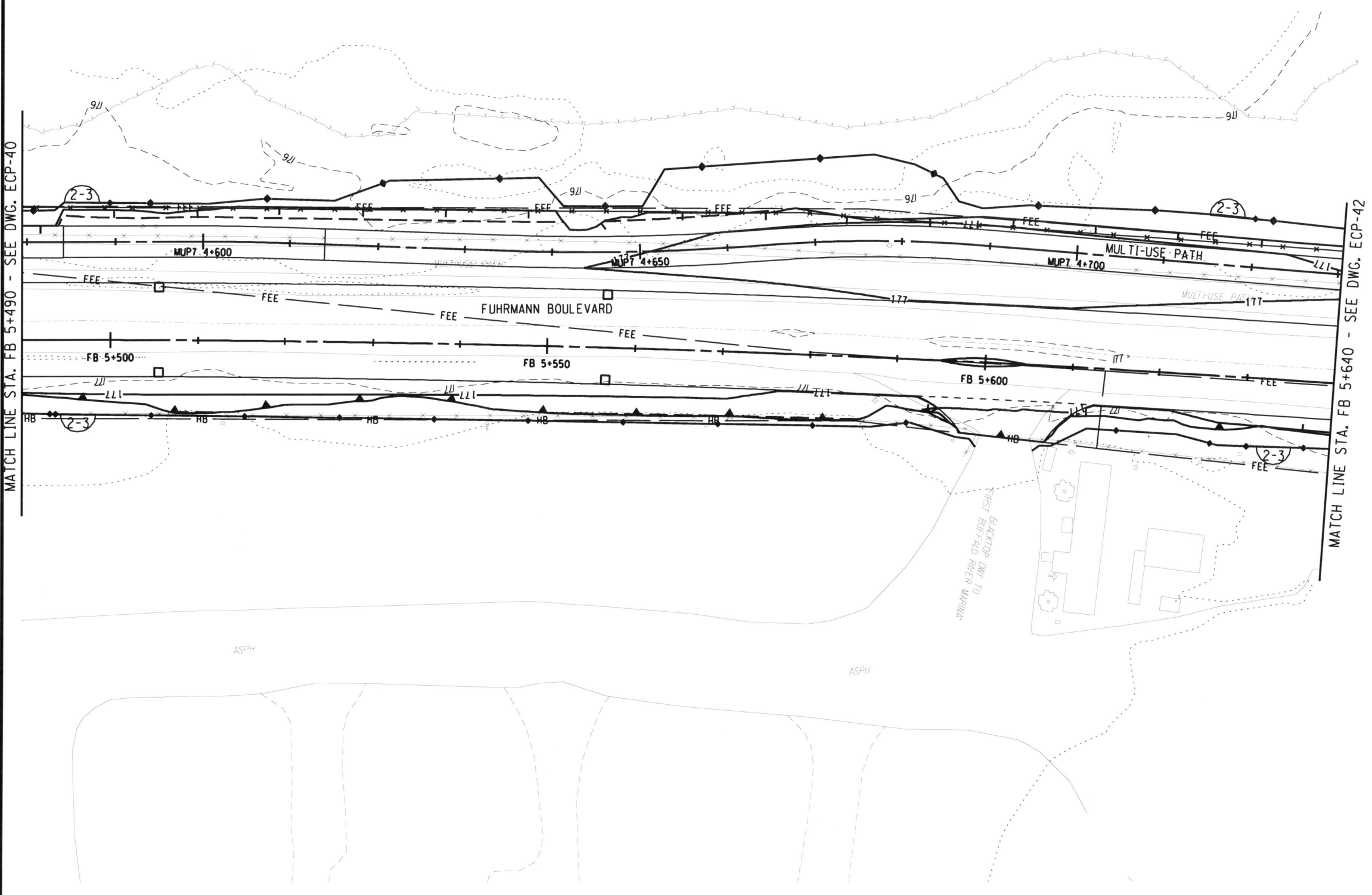
No

Jeffrey Zepewich 5-14-12
SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-41

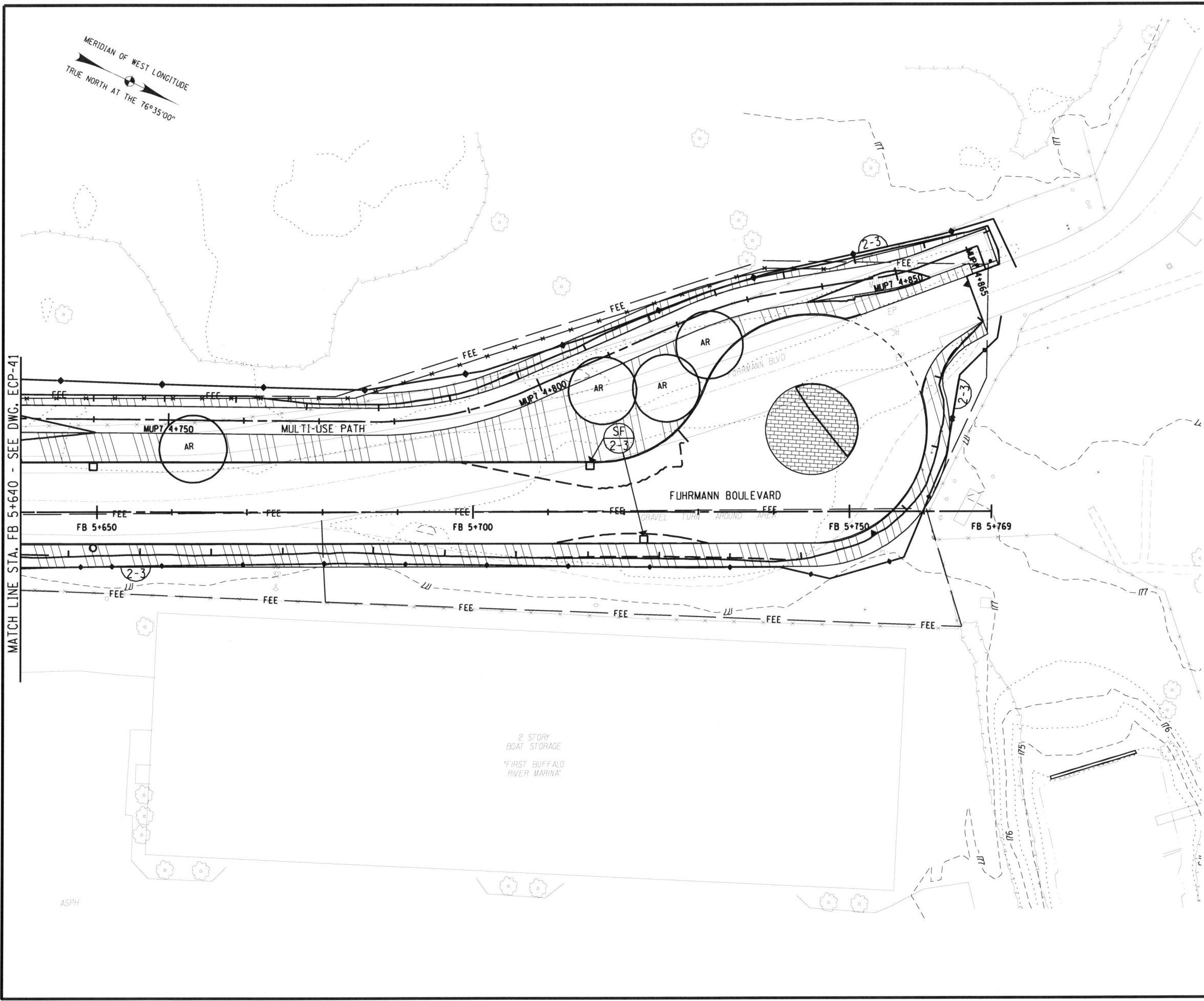
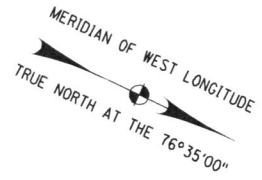


MATCH LINE STA. FB 5+640 - SEE DWG. ECP-42

MATCH LINE STA. FB 5+490 - SEE DWG. ECP-40

FILE: P:\NYSDOT\CADD\Region 5\0440\project\skyway_highway_design\dwg\734F1\50440_cbn_ere_pnt_04.dwg
 PLOTTED BY: mclama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY K. KERR
 ESTIMATED BY J. GEASLING
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR



| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 735F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

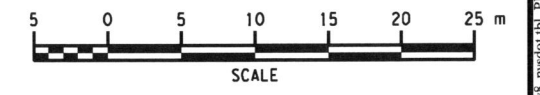
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 735.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No

Jeffrey Zepewich 5-14-12
SIGNATURE DATE

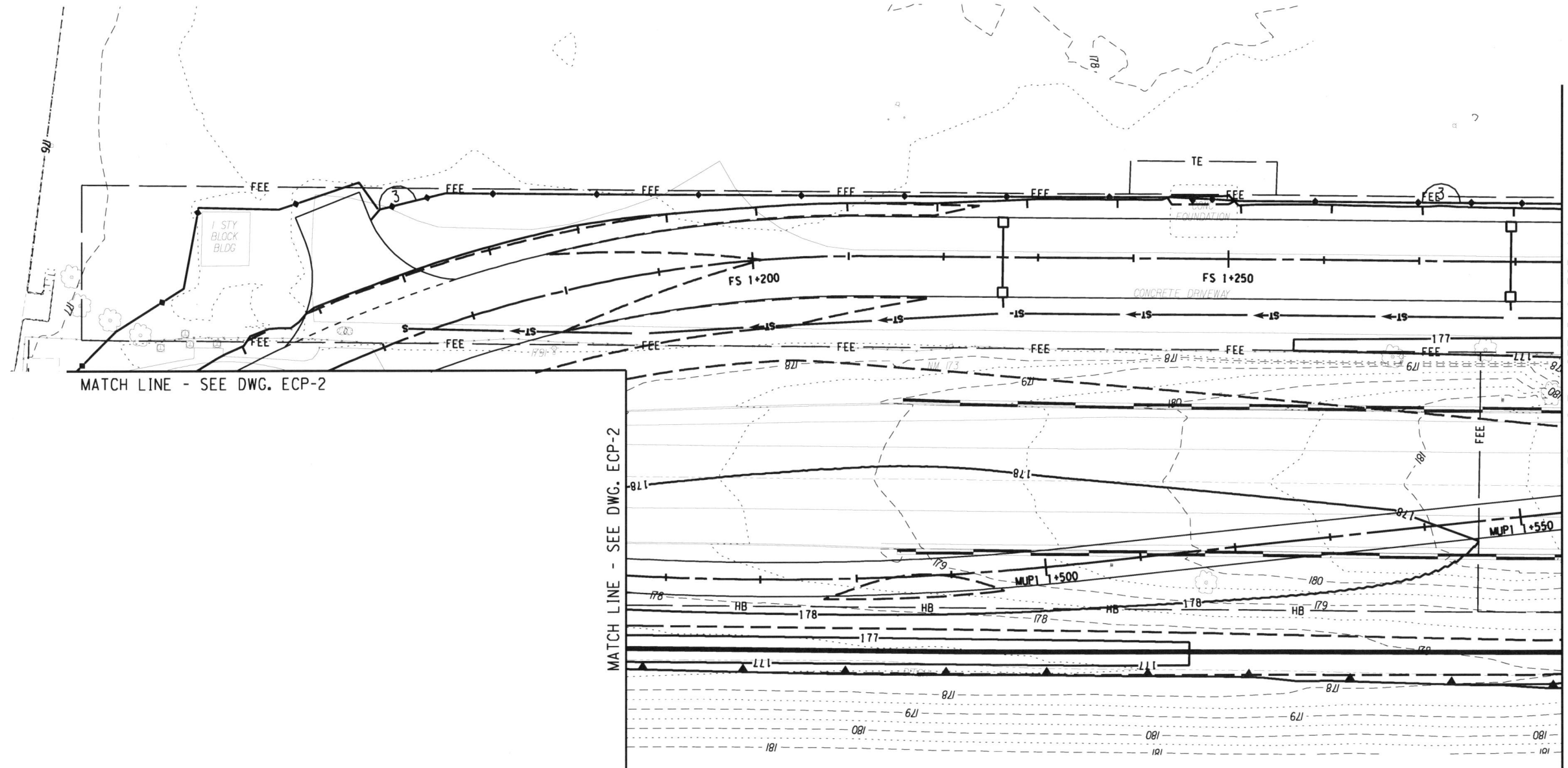
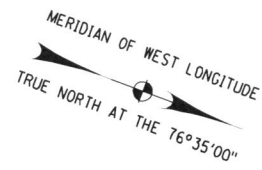
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-42

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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 736F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |



CHECKED BY K. KERR
 DRAFTED BY S. WAITE
 ESTIMATED BY K. KERR
 CHECKED BY J. GEASLING
 DESIGNED BY K. KERR
 JOB MANAGER J. HUBERT
 DESIGN SUPERVISOR J. HUBERT

DATE: 12/29/2010 11:03:33 AM
 FILE: F:\NYSDOT\CADD\Region 5\0440\projects\hwy_design\dwg\736F1-504401_cpl_etc_plt_043.dgn
 PLOTTED BY: mclama

MATCH LINE - SEE DWG. ECP-2

MATCH LINE - SEE DWG. ECP-2

MATCH LINE - SEE DWG. ECP-44

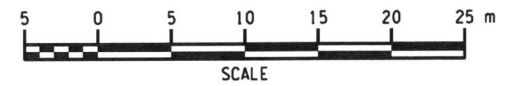
- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED

- NOTES:**
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 736.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

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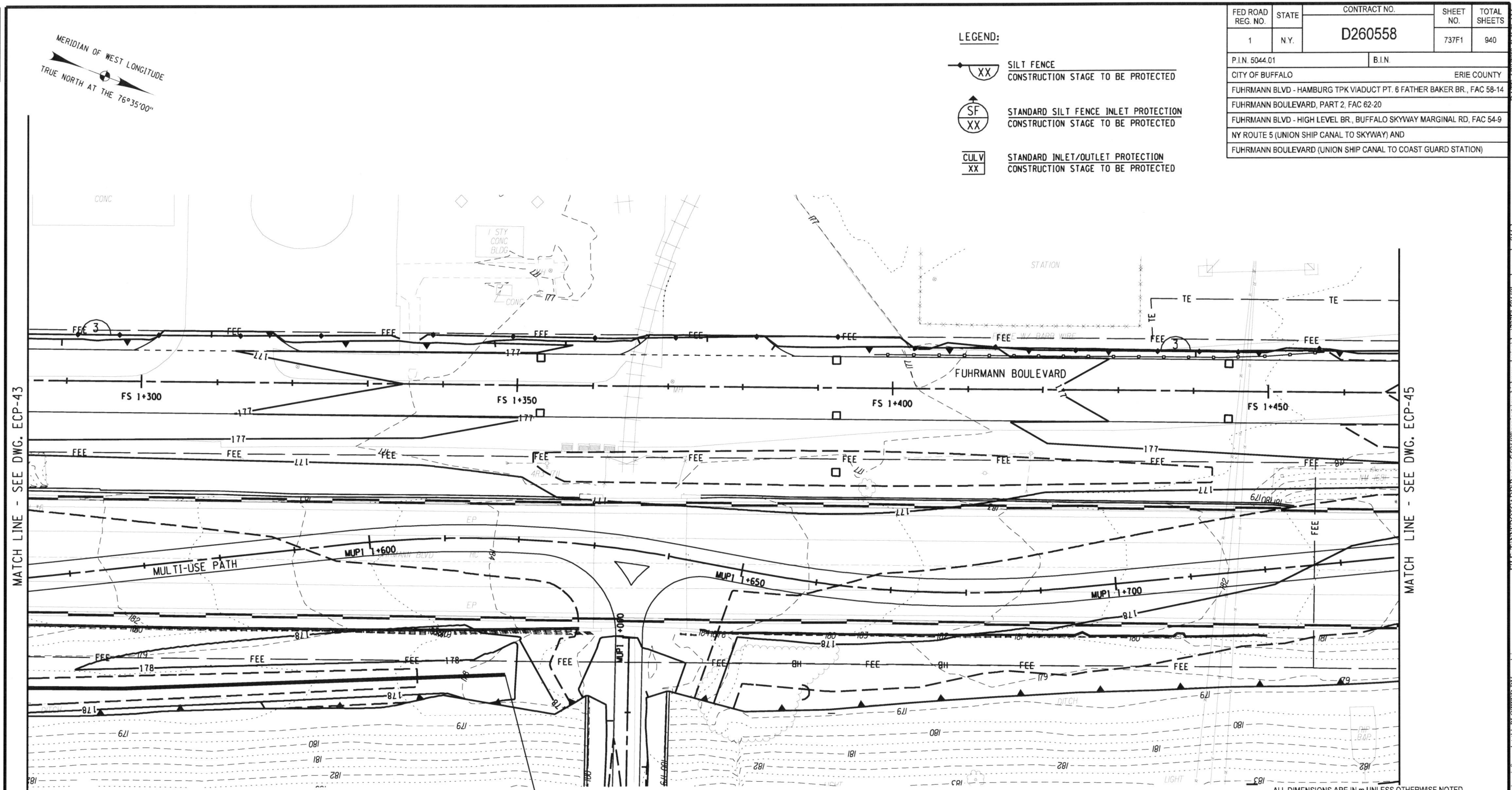
Jeffrey Zaporucha 5-14-12
SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-43

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR



MATCH LINE - SEE DWG. ECP-43

MATCH LINE - SEE DWG. ECP-45

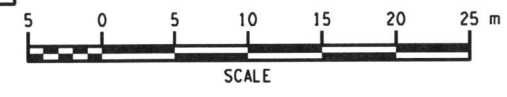
- LEGEND:**
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED

| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 737F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
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BEGIN DRY TREATMENT SWALE
 ROUTE 5 @ STA. 1+466.7
 OFFSET LT 33.78 m

FIELD CHANGE
 THIS SHEET SUPERSEDES SHEET 737.
 NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES. SEE SHEET 2 FOR APPROVAL.



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED

AS BUILT REVISIONS
 14
Jeffrey Zepewich 5-14-12
 SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-44

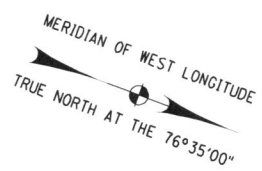
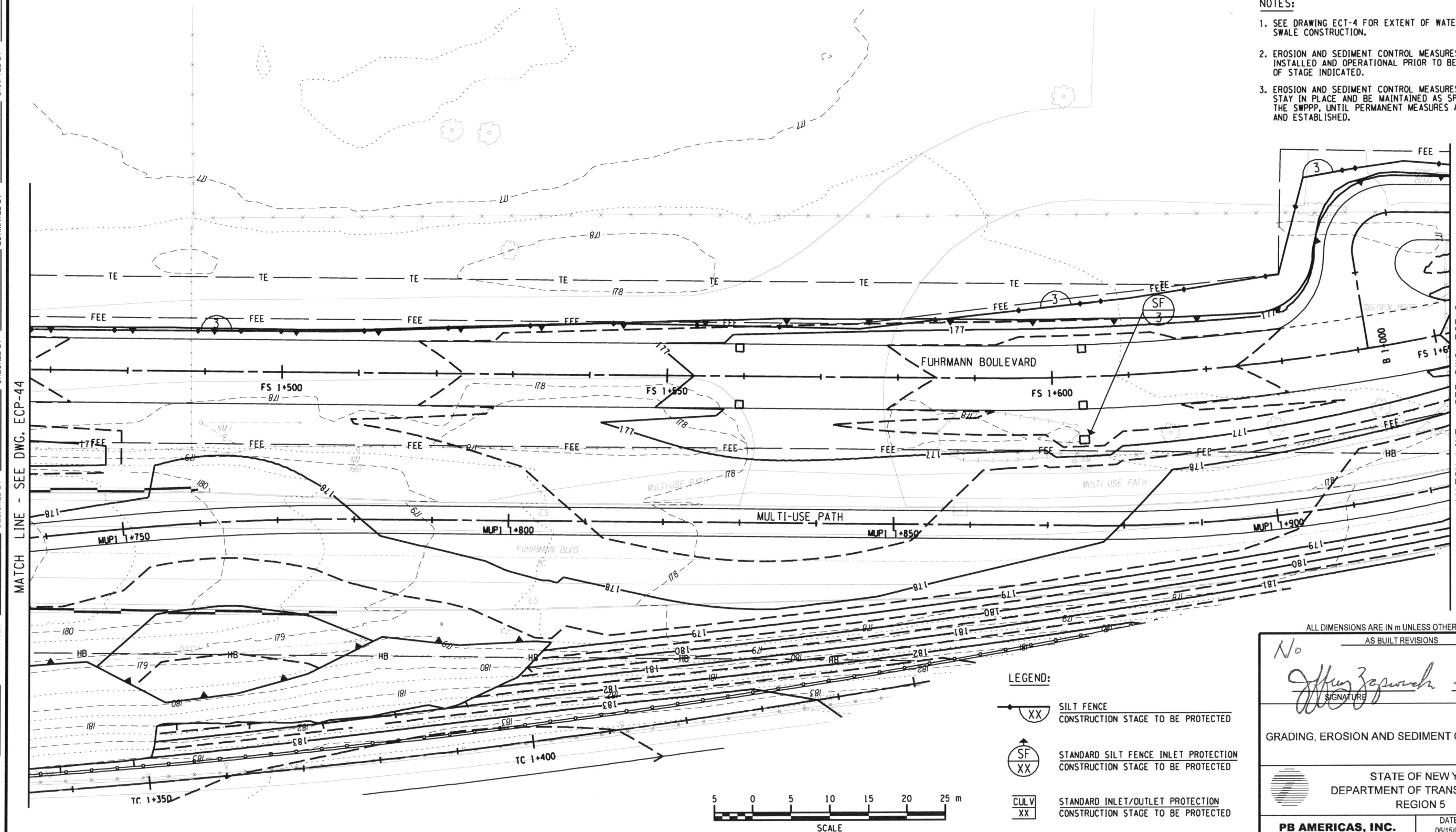
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DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR

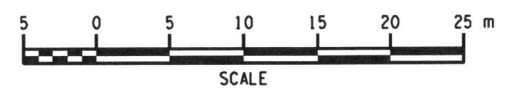
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| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 738F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
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| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

FIELD CHANGE
 THIS SHEET SUPERSEDES SHEET 738.
 NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES.
 SEE SHEET 2 FOR APPROVAL.

- NOTES:**
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- LEGEND:**
- SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
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No. *5-14-12*
 SIGNATURE *[Signature]* DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

PB AMERICAS, INC. DATE 06/15/09 DRAWING NO. ECP-45

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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 739F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
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| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

NOTES:

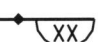

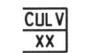
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
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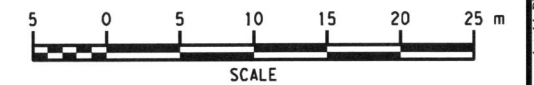
FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 739.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

LEGEND:

-  SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
-  STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
-  STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED

AS BUILT REVISIONS

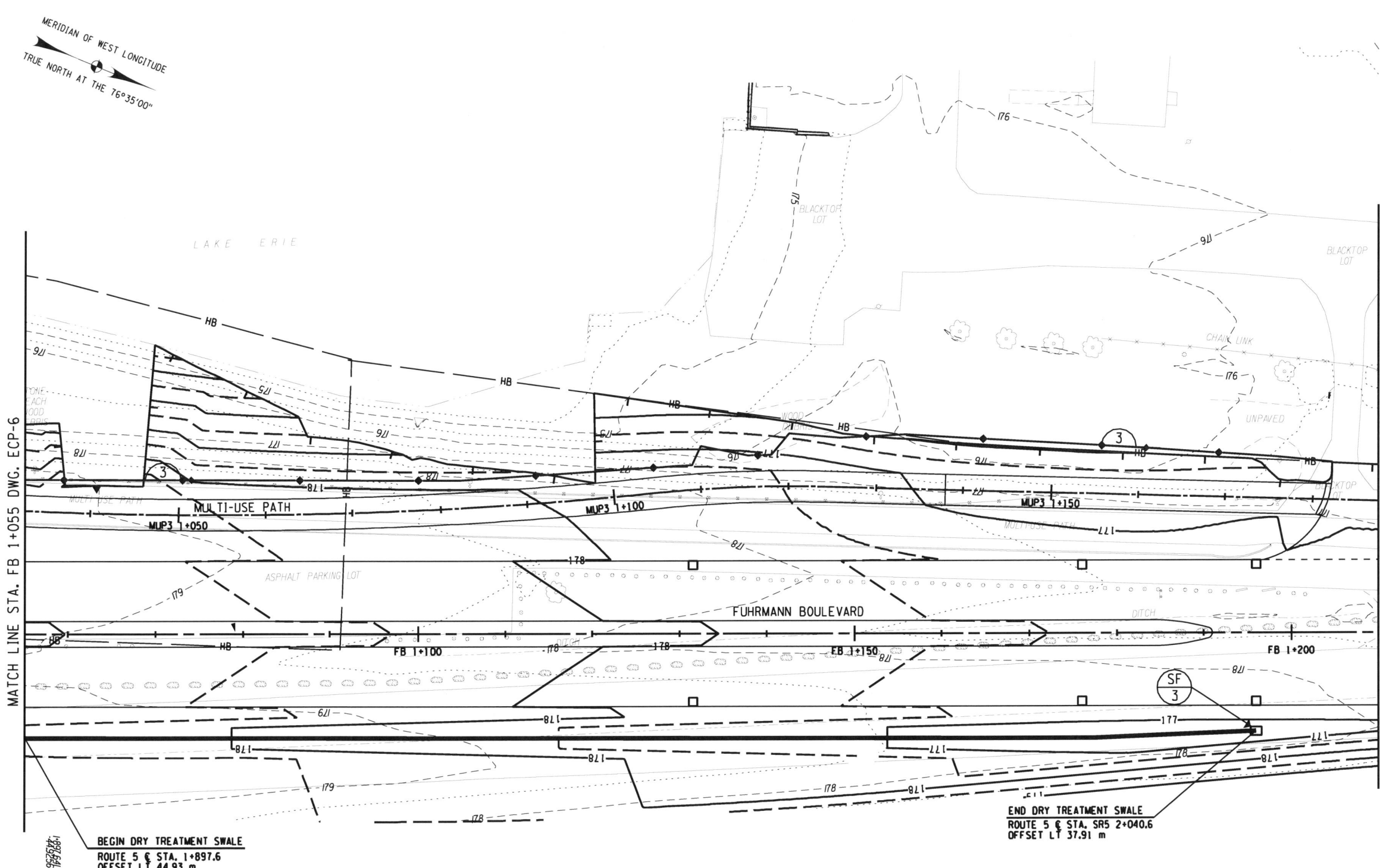
No. *10*

Jeffrey Zepewich 5-14-12
SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLAN

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

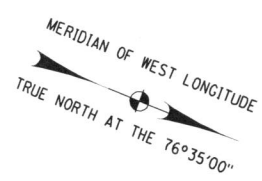
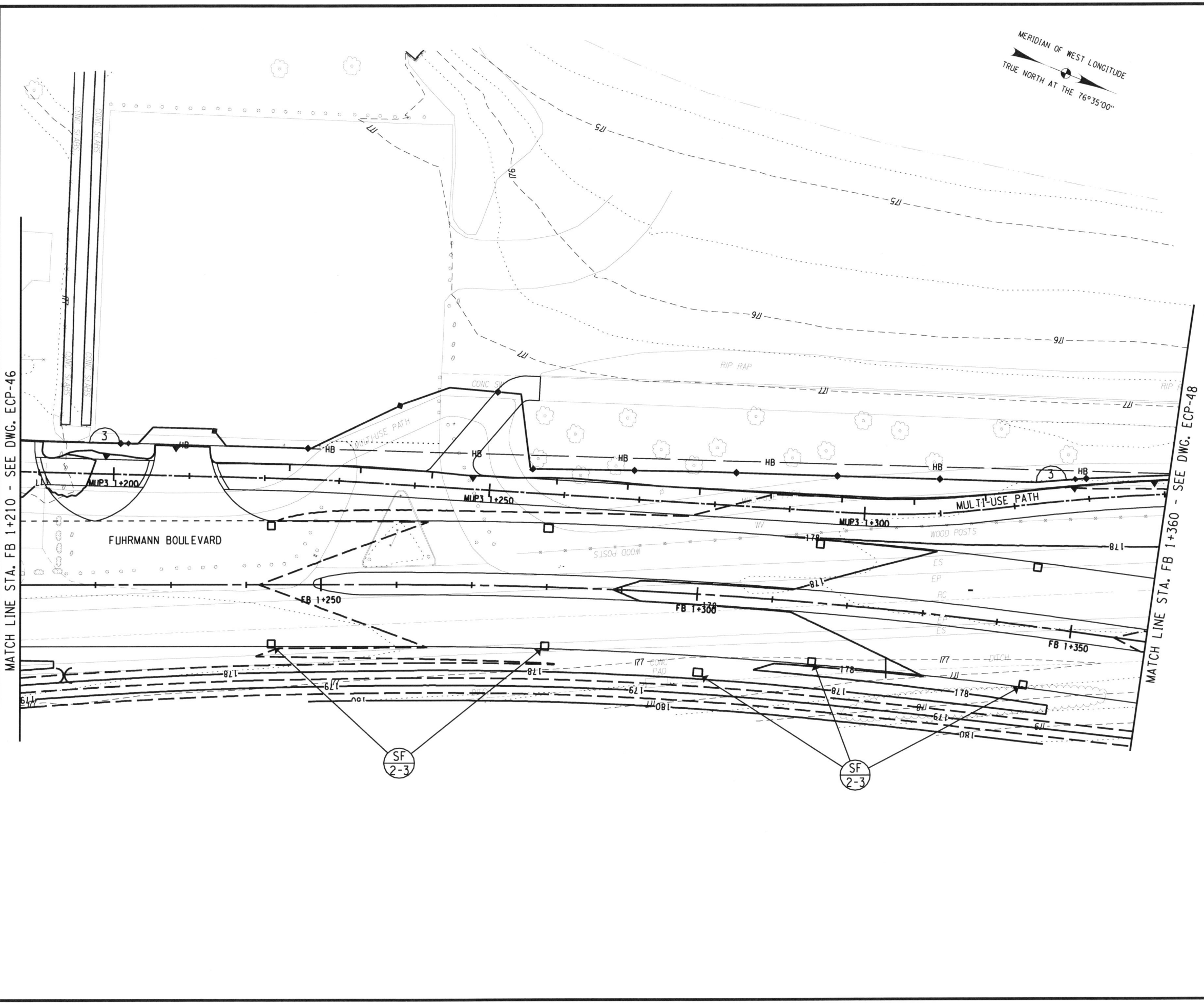
PB AMERICAS, INC. DATE 06/15/09 DRAWING NO. ECP-46



DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 ESTIMATED BY J. GEASLING
 CHECKED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR
 MERIDIAN OF WEST LONGITUDE
 TRUE NORTH AT THE 76°35'00"

DATE: 1/28/2010 11:25:52 AM
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 PLOTTED BY: mclama

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR



| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 740F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

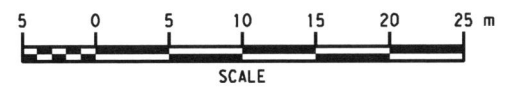
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 740.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED

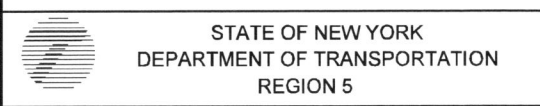


ALL DIMENSIONS ARE IN M UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

N.

 SIGNATURE
 5-14-12
 DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS



| | | |
|--------------------------|------------------|-----------------------|
| PB AMERICAS, INC. | DATE 06/15/09 | DRAWING NO. ECP-47 |
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| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
|---|-------|--------------|-----------|--------------|
| 1 | N.Y. | D260558 | 741F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

NOTES:

1. SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
2. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
3. EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

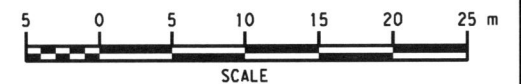
FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 741.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

LEGEND:

- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
- STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
- STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



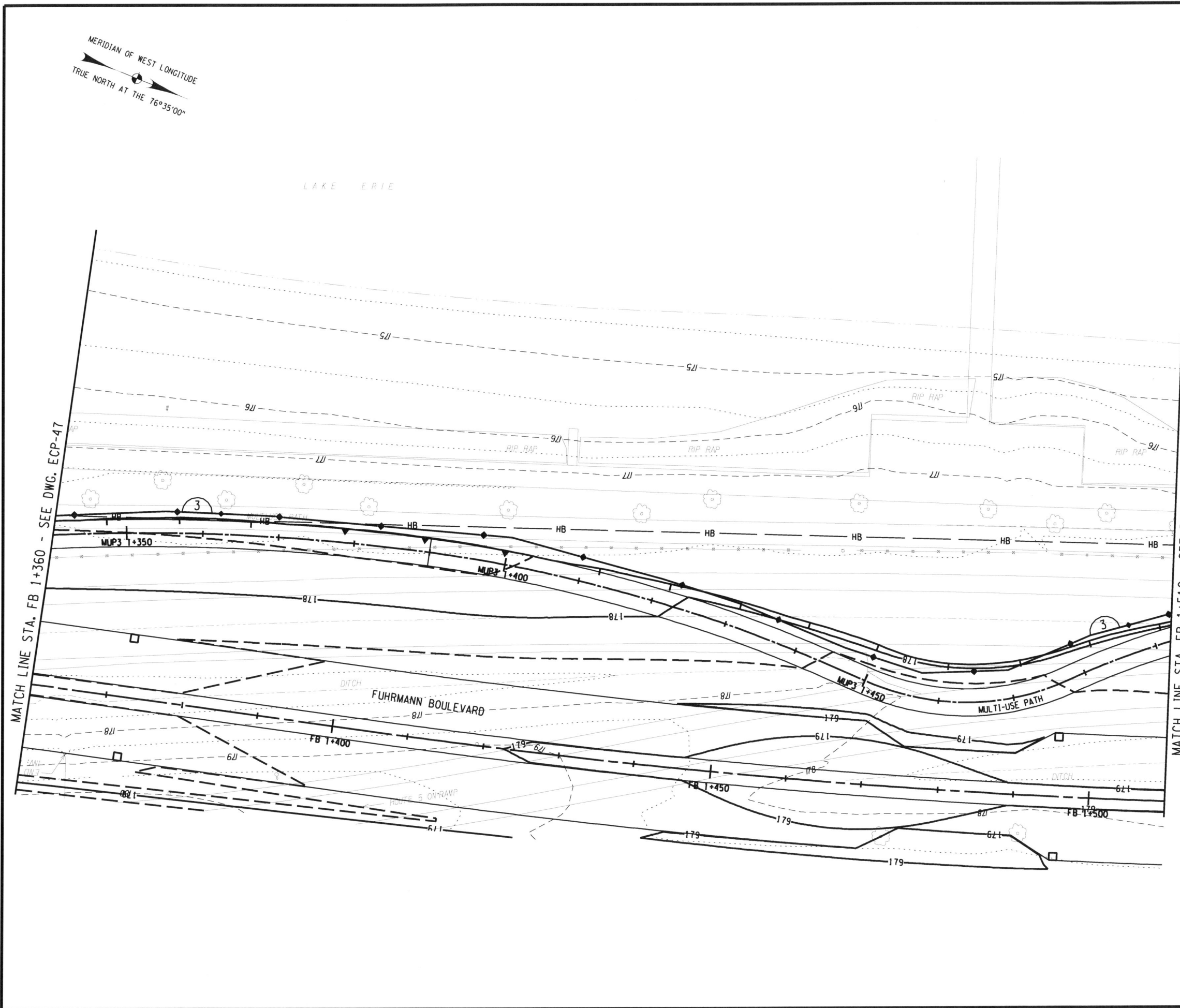
ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No. _____
 5-14-12
 SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

| | | |
|--------------------------|------------------|-----------------------|
| PB AMERICAS, INC. | DATE 06/15/09 | DRAWING NO. ECP-48 |
|--------------------------|------------------|-----------------------|



DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR

FILE: P:\NYSDOT\CADD\Region 5\0640\projects\highway_design\plan\highway_design\plan_048.dgn
 DATE: 12/29/08 11:45:43 AM
 PLOTTED BY: mclama

| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 742F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

NOTES:




- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
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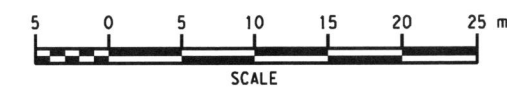
FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 742.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES. SEE SHEET 2 FOR APPROVAL.

LEGEND:

-  SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
-  STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
-  STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED

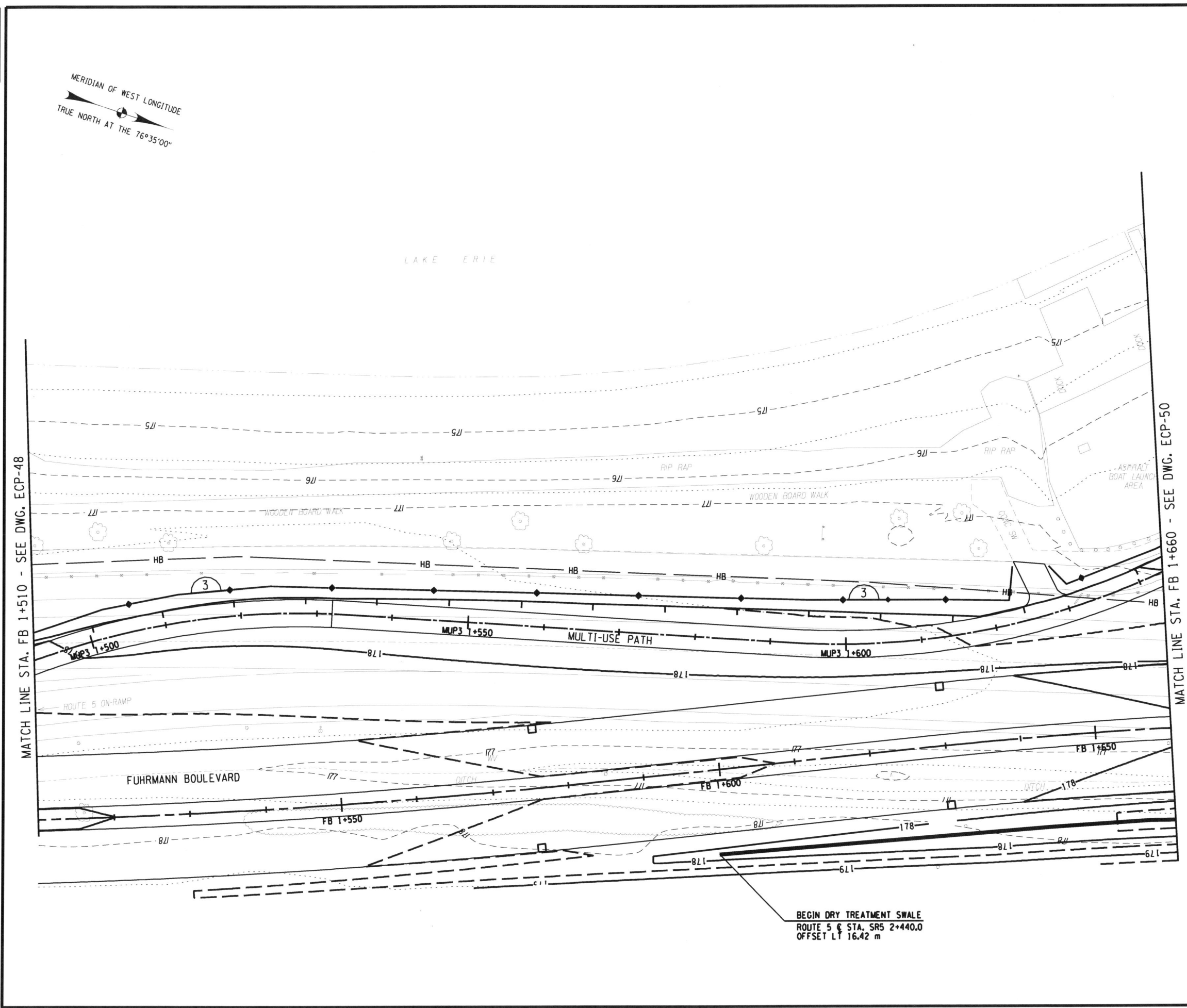
No. AS BUILT REVISIONS

Jeffrey Zepewich 5-14-12
SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

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| PB AMERICAS, INC. | DATE 06/15/09 | DRAWING NO. ECP-49 |
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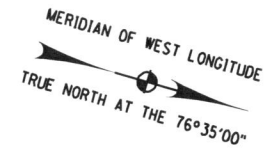


BEGIN DRY TREATMENT SWALE
ROUTE 5 @ STA. SR5 2+440.0
OFFSET LT 16.42 m

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR

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 DATE: 7/28/2010 11:15:40 AM

| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
|---|-------|--------------|-----------|--------------|
| 1 | N.Y. | D260558 | 743F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |



NOTES:

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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 743.
 NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES. SEE SHEET 2 FOR APPROVAL.

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- STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
- STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED

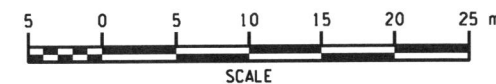
ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
 AS BUILT REVISIONS

No *Jeffrey Zuparski* 5-14-12
 SIGNATURE DATE

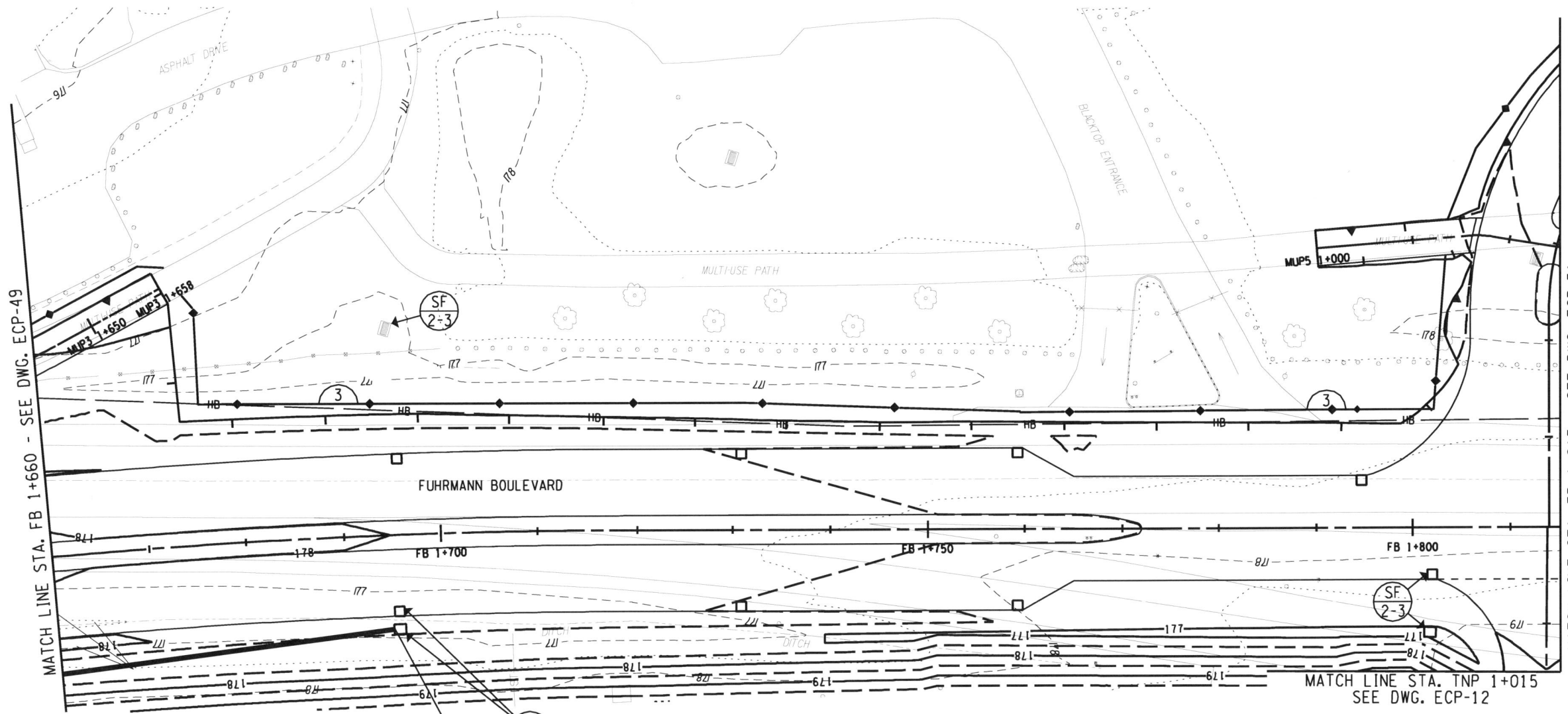
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-50



DESIGN SUPERVISOR J. HUBERT JOB MANAGER J. HUBERT DESIGNED BY K. KERR CHECKED BY J. GEASLING DRAFTED BY S. WAITE CHECKED BY K. KERR ESTIMATED BY K. KERR



END DRY TREATMENT SWALE
 ROUTE 5 @ STA. SR5 2+533.2
 OFFSET LT 9.75 m

FILE: I:\NYS\DOT\CADD\Region 5\0440\p\project\skyway_highway_design\0440\p\cvt_etc_pnt_050.dwg DATE: 1/28/2010 11:16:52 AM

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR




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| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 744F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

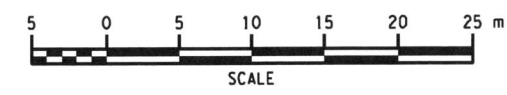
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 744.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
-  SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 -  STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 -  STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

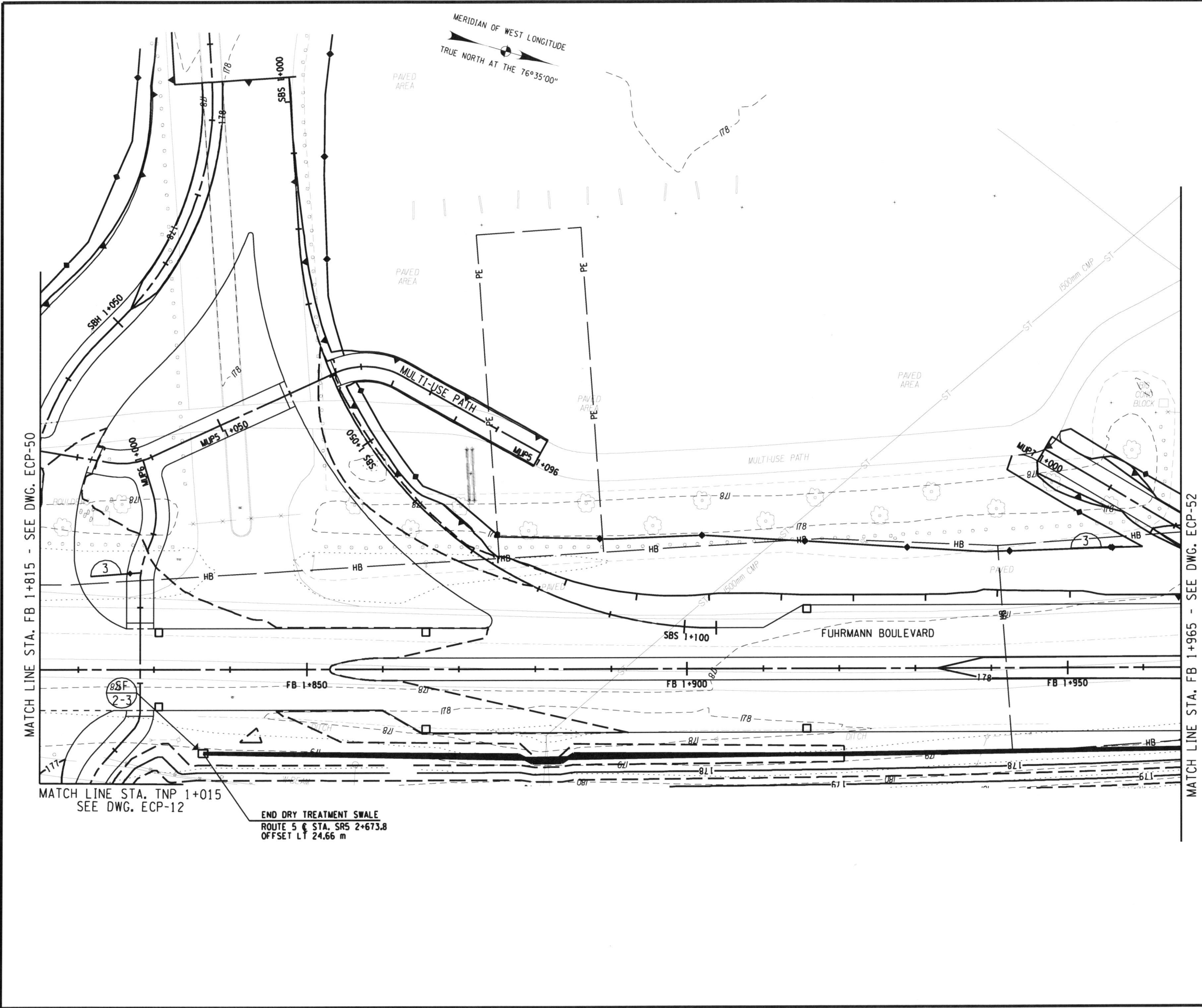
No

Jeffrey Zaporucha 5-14-12
SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

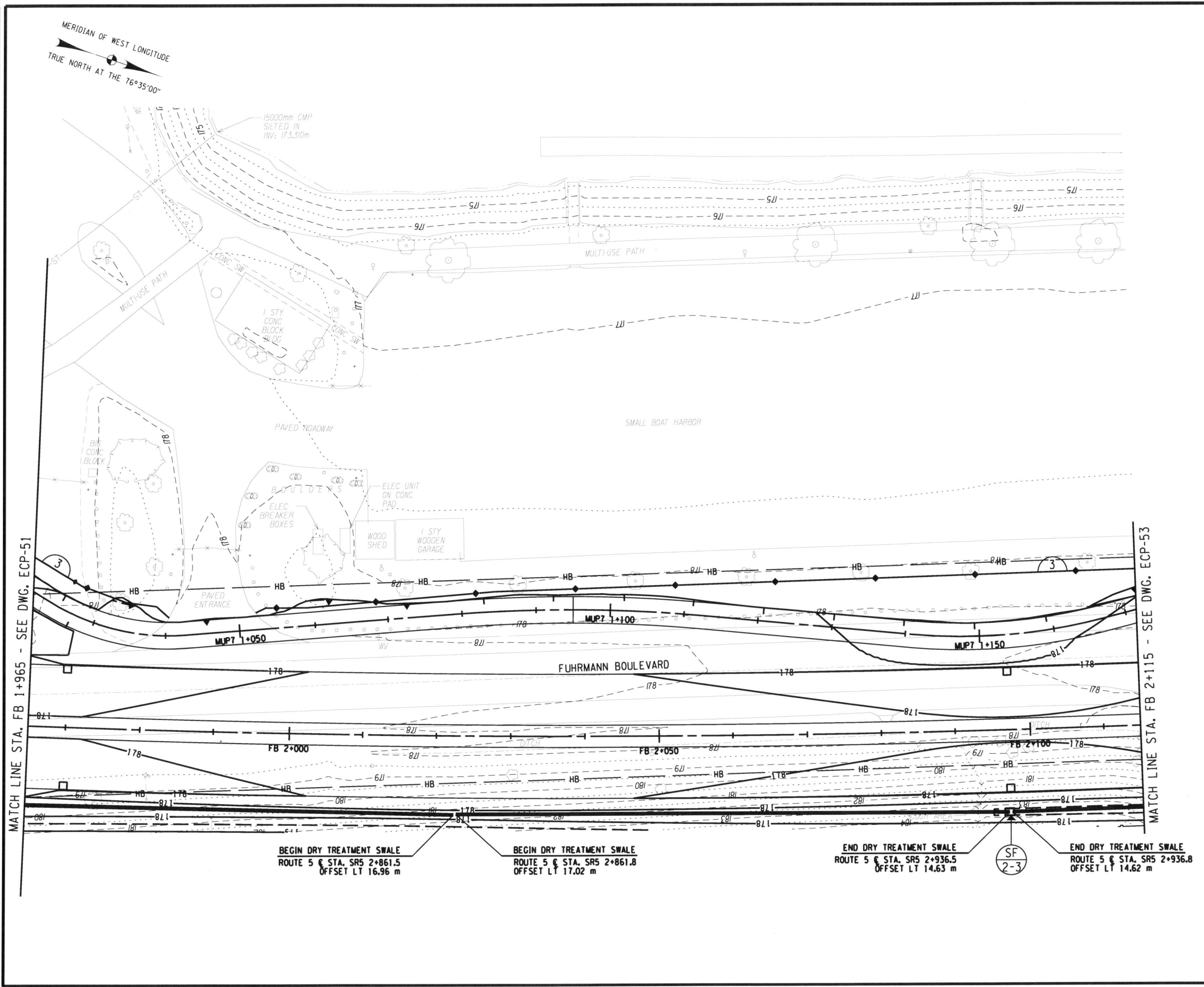
STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-51



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DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY K. KERR
 ESTIMATED BY J. GEASLING
 CHECKED BY J. GEASLING
 DRAFTED BY S. WAITE
 CHECKED BY S. WAITE
 K. KERR



| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 745F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

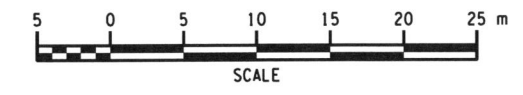
- NOTES:**
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 745.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
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 - STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No. _____

Jeffrey Zapruch 5-14-12
SIGNATURE DATE

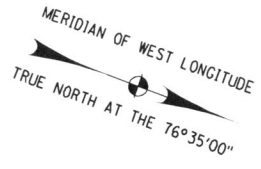
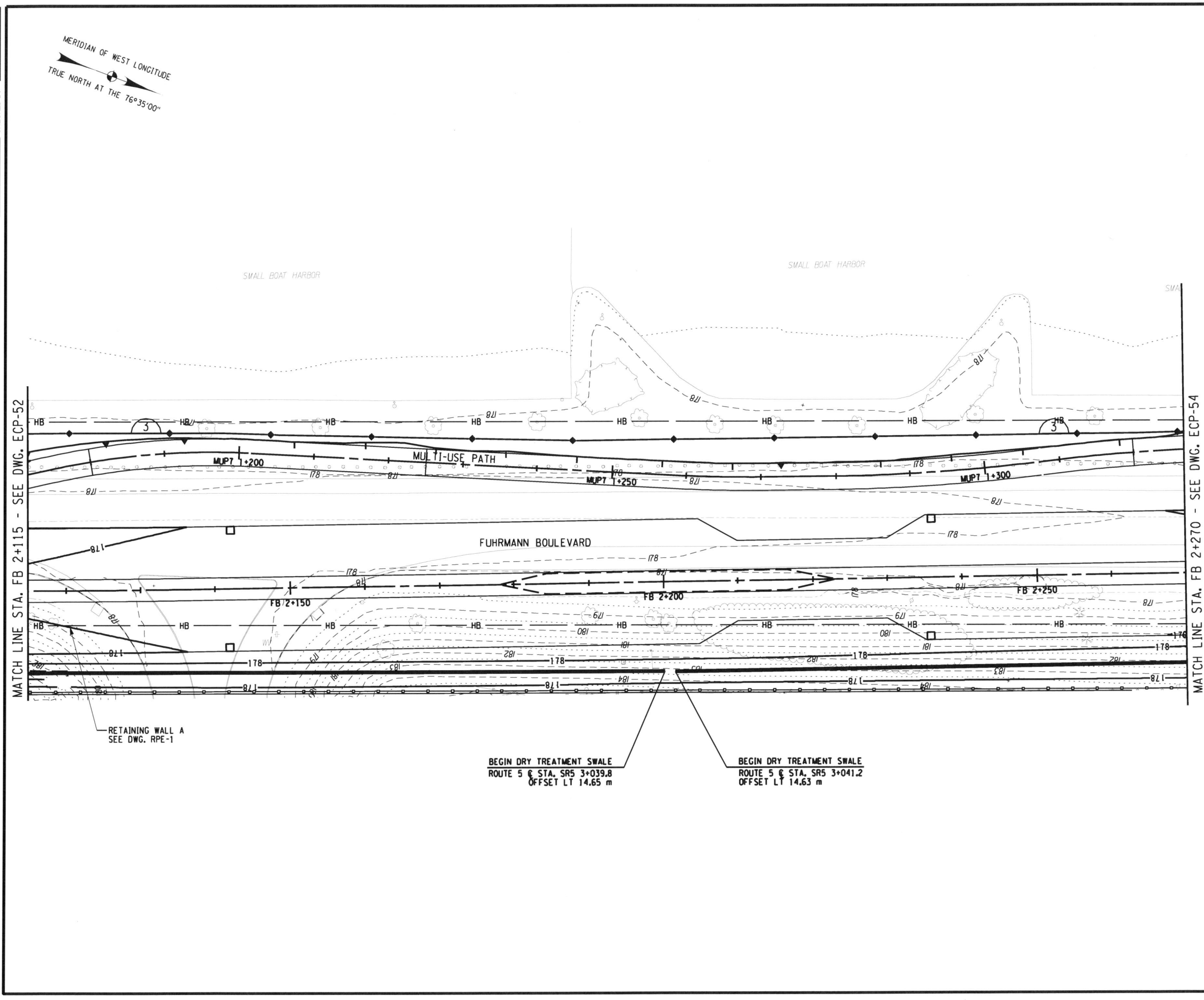
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 12/31/09 DRAWING NO. ECP-52

FILE: \\buffcadd\project\city_highway_design\gdn\4545F1504401_cpl_crc_pln_052.dgn
 PLOTTED BY: borkowski

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR



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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 746F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

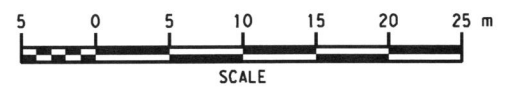
- NOTES:**
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 746.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&S C PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:**
- SILT FENCE CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED

No. AS BUILT REVISIONS

Jeffrey Zeprowski 5-14-12
 (SIGNATURE) DATE

GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

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| PB AMERICAS, INC. | DATE 12/31/09 | DRAWING NO. ECP-53 |
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 PLOTTED BY: mclama

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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 747F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

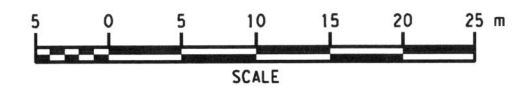
- NOTES:**
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FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 747.

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 - STANDARD SILT FENCE INLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION CONSTRUCTION STAGE TO BE PROTECTED



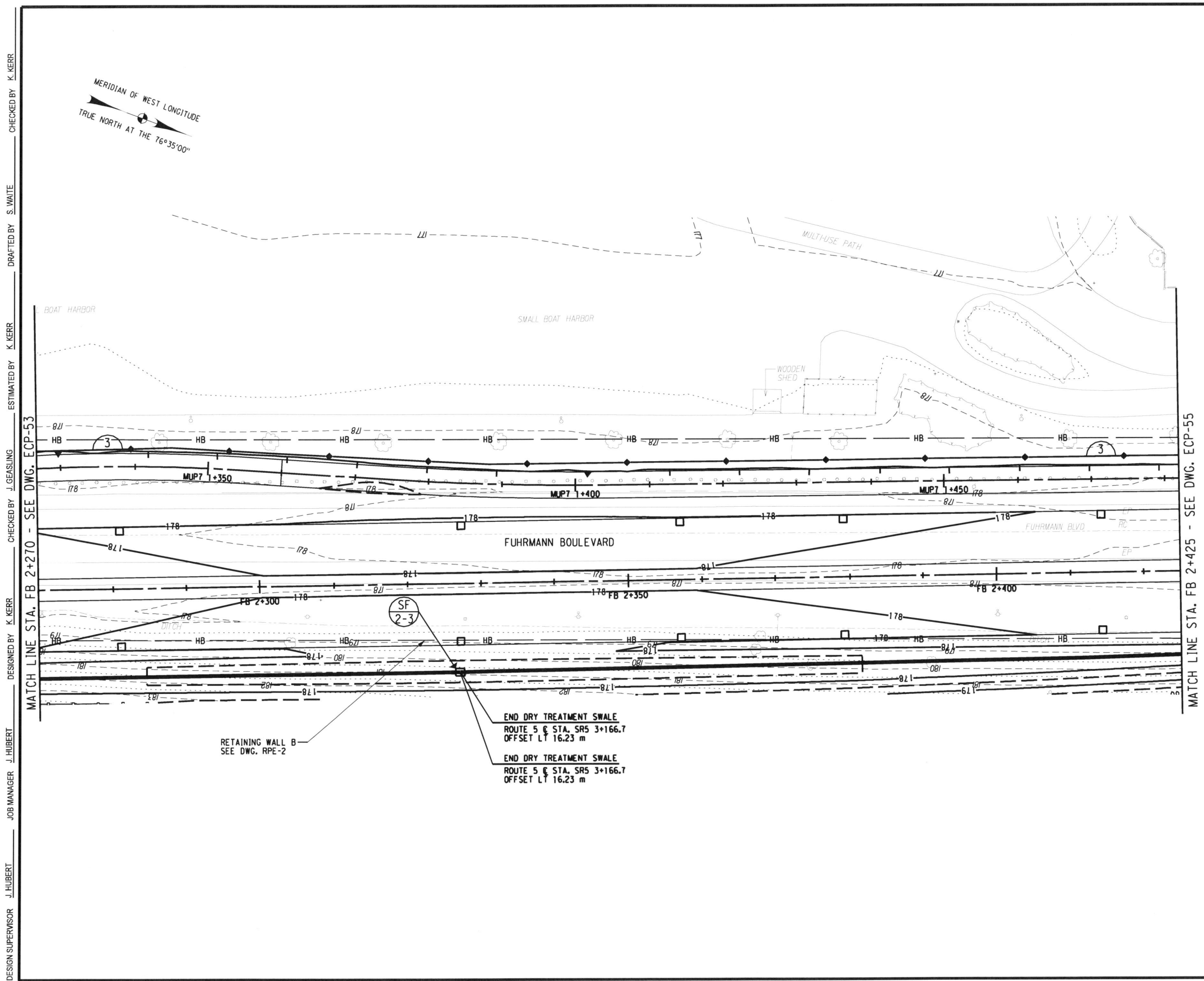
ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

Jeffrey Zepurich 5-14-12
SIGNATURE DATE

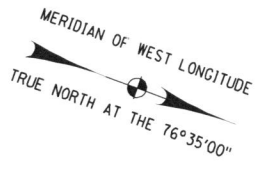
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 08/15/09 DRAWING NO. ECP-54



CHECKED BY K. KERR
 DRAFTED BY S. WAITE
 ESTIMATED BY K. KERR
 CHECKED BY J. GEASLING
 DESIGNED BY K. KERR
 JOB MANAGER J. HUBERT
 DESIGN SUPERVISOR J. HUBERT



DATE: 7/28/2010 11:20:04 AM
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 PLOTTED BY: mclama

| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 748F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

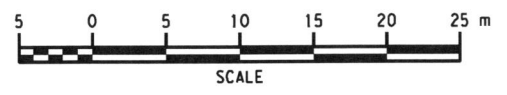
- NOTES:
- SEE DRAWING ECT-4 FOR EXTENT OF WATER QUALITY SWALE CONSTRUCTION.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO BEGINNING WORK OF STAGE INDICATED.
 - EROSION AND SEDIMENT CONTROL MEASURES ARE TO STAY IN PLACE AND BE MAINTAINED AS SPECIFIED IN THE SWPPP, UNTIL PERMANENT MEASURES ARE IN PLACE AND ESTABLISHED.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 748.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. CHANGES TO THIS SHEET INCLUDE MODIFICATIONS TO THE GRADING, TREATMENTS, SWALE EXTENT AND LOCATION, AND PLACEMENT OF E&SC PRACTICES. SEE SHEET 2 FOR APPROVAL.

- LEGEND:
- SILT FENCE
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD SILT FENCE INLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED
 - STANDARD INLET/OUTLET PROTECTION
CONSTRUCTION STAGE TO BE PROTECTED



ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

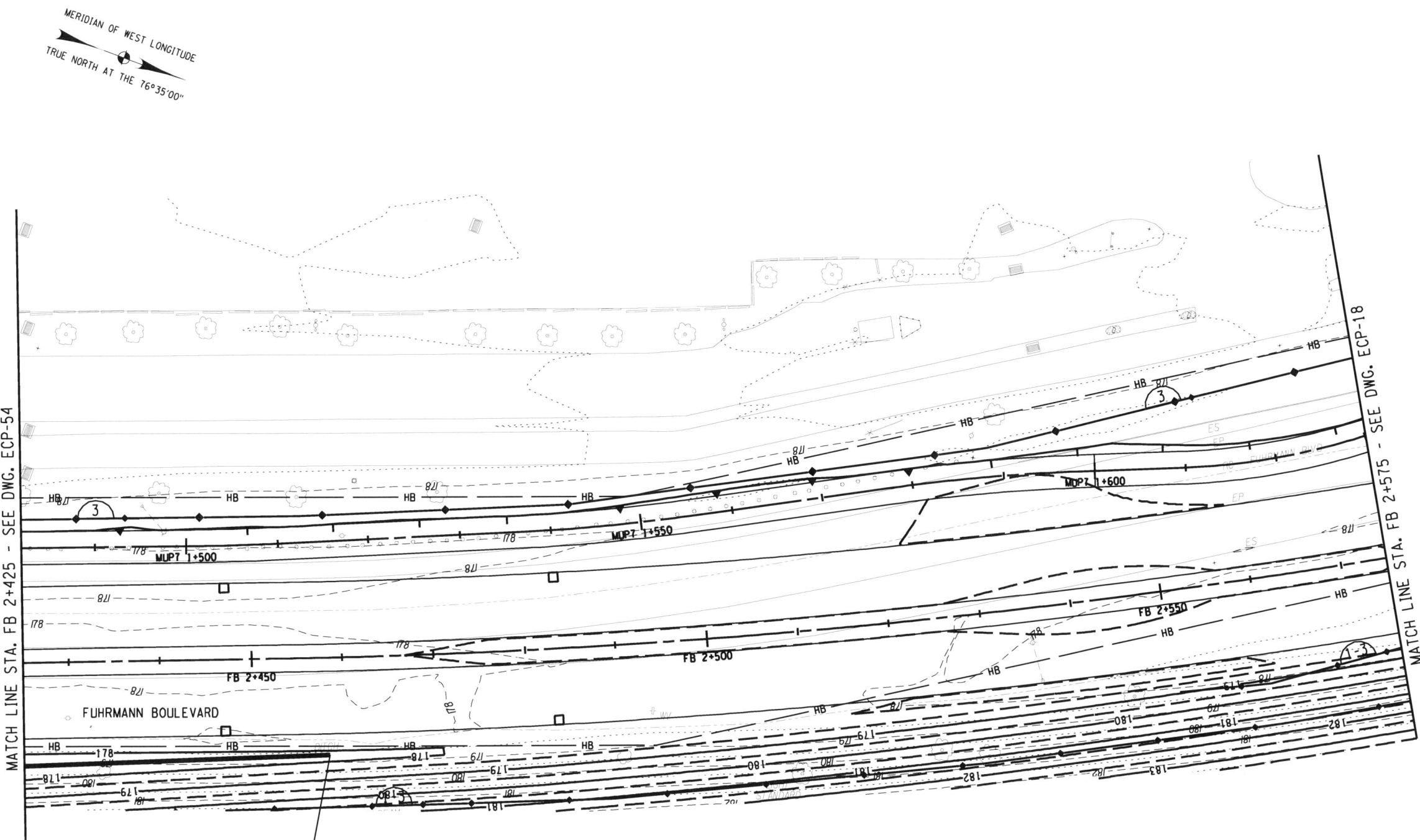
No. *5-14-12*

Jeffrey Zeprosch SIGNATURE DATE

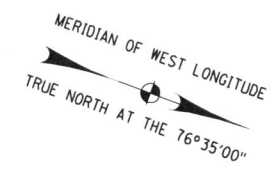
GRADING, EROSION AND SEDIMENT CONTROL PLANS

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
REGION 5

PB AMERICAS, INC. DATE 08/15/09 DRAWING NO. ECP-55



BEGIN DRY TREATMENT SWALE
ROUTE 5 @ STA. SR5 3+298.3
OFFSET LT 19.30 m



DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR

FILE: I:\NYSDOT\CADD\Region 5\0440\projects\skyway_design\0440\epc_erc_plt_055.dgn
 PLOTTED BY: mcciama

DESIGN SUPERVISOR J. HUBERT JOB MANAGER J. HUBERT DESIGNED BY K. KERR ESTIMATED BY J. GEASLING CHECKED BY J. GEASLING DRAFTED BY S. WAITE CHECKED BY K. KERR

| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 749F2 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD., FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

ITEM 209.1105 - CHECK DAM, PREFABRICATED - TEMP.

| SWALE HEAD | | SWALE TAIL | | LENGTH (m) | AVG. BOTTOM WIDTH (m) | DITCH SLOPE | CHECK DAM SPACING (m) | CHECK DAM QUANTITY (EA) | WIDTH OF SINGLE DAM (m) | 209.1105 (m) |
|------------------------|--------|------------------------|--------|------------|-----------------------|-------------|-----------------------|-------------------------|-------------------------|--------------|
| LOCATION | INVERT | LOCATION | INVERT | | | | | | | |
| SR5 4+765.3 , 64.25 LT | 177.00 | SR5 4+669.6 , 36.18 LT | 176.52 | 115.55 | 1.50 | 1.35 | 34 | 3 | 4.2 | 12.7 |
| SR5 4+562.5 , 18.47 RT | 181.46 | SR5 4+643.7 , 20.80 RT | 178.15 | 120.29 | 1.53 | 2.84 | 16 | 7 | 4.3 | 29.9 |
| SR5 4+778.6 , 31.97 RT | 177.66 | SR5 4+749.9 , 31.93 RT | 177.26 | 28.69 | 1.00 | 1.38 | 29 | 1 | 3.4 | 3.4 |
| SR5 4+795.1 , 32.60 RT | 177.54 | SR5 4+837.6 , 35.44 RT | 177.12 | 42.62 | 1.00 | 0.99 | 43 | 1 | 3.5 | 3.5 |
| 1+292.3 , 40.60 RT | 176.33 | 1+278.3 , 41.76 RT | 176.20 | 14.10 | 2.00 | 0.91 | 14 | 1 | 2.8 | 2.8 |
| SR5 5+079.8 , 12.81 RT | 182.52 | SR5 4+886.5 , 26.83 RT | 177.46 | 191.62 | 2.27 | 2.65 | 17 | 11 | 5.0 | 55.1 |
| SR5 5+063.8 , 14.42 LT | 182.82 | SR5 5+018.1 , 18.08 LT | 181.95 | 46.21 | 2.40 | 1.89 | 24 | 1 | 5.1 | 5.1 |
| SR5 5+372.5 , 30.09 LT | 178.70 | SR5 4+875.0 , 44.11 LT | 176.05 | 339.04 | 1.21 | 0.87 | 52 | 6 | 4.0 | 23.7 |
| SR5 4+812.8 , 28.47 LT | 176.41 | SR5 4+827.5 , 28.44 LT | 176.35 | 14.74 | 0.60 | 0.43 | 15 | 1 | 1.0 | 1.0 |
| 1+401.2 , 31.55 LT | 176.44 | 1+259.1 , 33.42 LT | 175.90 | 142.10 | 1.00 | 0.38 | 120 | 1 | 3.7 | 3.7 |
| SR5 2+305.7 , 15.53 LT | 178.82 | SR5 2+040.6 , 37.91 LT | 176.61 | 287.46 | 0.68 | 1.41 | 32 | 8 | 3.4 | 27.4 |
| SR5 2+306.5 , 15.48 LT | 178.82 | SR5 2+638.9 , 24.63 LT | 176.69 | 333.34 | 1.15 | 0.59 | 77 | 4 | 3.9 | 15.6 |
| SR5 2+179.1 , 14.20 LT | 180.08 | 1+908.9 , 25.58 LT | 178.49 | 271.11 | 1.50 | 0.58 | 79 | 3 | 4.2 | 12.7 |
| SR5 2+084.0 , 14.32 RT | 180.33 | 1+904.7 , 34.56 RT | 178.48 | 181.49 | 2.50 | 1.16 | 40 | 4 | 5.2 | 21.0 |
| SR5 3+466.6 , 40.82 RT | 177.11 | SR5 2+505.6 , 29.07 RT | 176.09 | 919.95 | 0.71 | 0.73 | 63 | 14 | 3.4 | 48.3 |
| SR5 3+428.0 , 22.72 LT | 178.00 | SR5 2+715.7 , 23.90 LT | 177.31 | 732.08 | 1.28 | 0.64 | 72 | 10 | 4.0 | 40.2 |
| SR5 3+242.2 , 17.56 RT | 179.87 | SR5 3+457.1 , 29.63 RT | 176.71 | 218.84 | 0.64 | 2.33 | 20 | 11 | 3.4 | 37.2 |
| SR5 3+701.1 , 54.85 RT | 177.45 | SR5 3+587.7 , 39.03 RT | 176.19 | 114.45 | 0.30 | 0.99 | 46 | 2 | 3.0 | 6.1 |
| TOTAL | | | | | | | | | | 638.8 |

CHECK DAM WIDTH = WIDTH OF DITCH + ((HEIGHT • SLOPE) • 2 SIDES)

TYPICAL SIDE SLOPES OF DITCHES IS 1 ON 3

H = 0.25 m FOR ITEM 209.1105

NOTES:


- SEE STANDARD SHEET 209-3 FOR CHECK DAM DETAILS.
- SEE DWG. ECT-4 FOR EXTENT OF DITCHES TO BE CONSTRUCTED AS TREATMENT SWALES.
- SEE SECTION SHEETS OF PLANS FOR SIDE SLOPE AND DEPTHS OF DITCHES.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 749.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO MAJOR DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. MAJOR DESIGN CHANGES ARE (BUT NOT LIMITED TO) ALIGNMENT SHIFTS, PROFILE ADJUSTMENTS, STRUCTURE ADDITIONS, ETC. SEE SHEET 2 FOR APPROVAL.

ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED

| | |
|---|--------------------|
| No | AS BUILT REVISIONS |
| <i>Jeffrey Zaprawa</i> | 5-14-12 |
| SIGNATURE | DATE |
| GRADING, EROSION AND SEDIMENT CONTROL TABLES | |
|  STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION REGION 5 | |
| PB AMERICAS, INC. | DRAWING NO. ECT-1 |
| DATE 12/31/09 | |

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| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 750F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

| | | |
|--|---------------|-----------------------|
| ITEM 209.1001 - MULCH - TEMPORARY | | |
| ITEM 209.1003 - SEED AND MULCH - TEMPORARY | | |
| | | 209.1001 AREA (sm) |
| | | 209.1003 AREA (sm) |
| | ITEM 209.1001 | 10,000 |
| | ITEM 209.1003 | 60,989 |

| ITEM 209.15-TURBIDITY CURTAIN - TEMPORARY | | | | |
|---|------------------------|-----------------------|--------------------------------|---------|
| RECEIVING BODY OF WATER | APPROXIMATE LENGTH (m) | APPROXIMATE DEPTH (m) | CURTAIN AREA (m ²) | COMMENT |
| SEAWAY PIER SLIP #2 | 20 | 4 | 80 | |
| SEAWAY PIER SLIP #1 | 20 | 4 | 80 | |
| UNION SHIP CANAL (WEST SIDE OF ROUTE 5) | 30 | 7 | 210 | |
| UNION SHIP CANAL (EAST SIDE OF ROUTE 5) | 20 | 7 | 140 | |
| TOTAL | | | 510 | |

| ITEM 209.13 SILT FENCE TEMPORARY | | |
|-------------------------------------|------------|--|
| LOCATION | LENGTH (m) | COMMENT |
| THROUGHOUT PROJECT SITE | 15,800 | SEE SHEETS ECP-1 THRU ECP-55 FOR LOCATION AND EXTENT OF SILT FENCE PROTECTIVE MEASURES |
| TOTAL | | 15,800 |

| ITEM 209.23-PIPE INLET/OUTLET PROTECTION SILT FENCE TEMPORARY | | | |
|--|-------------------------|------------|---------|
| ES-ID # | LOCATION | LENGTH (m) | COMMENT |
| | STATION, OFFSET | | |
| EXISTING UNNAMED END SECTION | 1+249.9, 34.99 m LT | 10.8 | |
| 8-2 | TNP 1+174.1, 14.21 m RT | 10.8 | |
| 7-1 | TNP 1+018.9, 26.60 m LT | 10.8 | |
| 7-3 | TNP 1+053.2, 41.40 LT | 10.8 | |
| 7-4 | TNP 1+103.3, 43.59 m LT | 10.8 | |
| 12-2 | TNP 1+767.7, 10.86 m LT | 10.8 | |
| EXISTING UNNAMED END SECTION | 1+945.4, 79.26 m LT | 10.8 | |
| TOTAL | | 75.6 | |

| ITEM 209.110101 - CHECK DAM (DITCH WIDTH > 1.0 - TO 2.0 m) STONE - TEMPORARY | | | |
|---|---------------------|--------------------|---------------------|
| ITEM 209.1105 - CHECK DAM, PREFABRICATED - TEMP. | | | |
| STONE CHECK DAMS | | PREFAB. CHECK DAMS | |
| DITCH SLOPE | PLACEMENT INTERVALS | DITCH SLOPE | PLACEMENT INTERVALS |
| 0%-1% | 60 m | 0%-1% | 15 m |
| 1%-2% | 30 m | 1%-2% | 12 m |
| 2%-3% | 20 m | 2%-3% | 8 m |
| 3%-4% | 15 m | 3%-4% | 6 m |
| 4%-5% | 12 m | 4%-5% | 5 m |
| 5%-6% | 10 m | | |
| 6%-8% | 7.5 m | | |
| 8%-10% | 6 m | | |

SLOPE OVER 10% REQUIRE CHANNEL PROTECTIVE LINING
PREFABRICATED CHECK DAMS NOT TO BE USED ON SLOPES OVER 5%

| ITEM 209.22 - CONSTRUCTION ROAD ENTRANCES | | | | |
|---|------------|-----------|----------|-----------------------------|
| LOCATIONS | LENGTH (m) | WIDTH (m) | AREA (m) | COMMENTS |
| NORTH END OF PROJECT | 15 m | 7.2 m | 162 m | SEE NYS DOT TYP. SHEET M209 |
| SOUTH END OF PROJECT | 15 m | 7.2 m | 162 m | SEE NYS DOT TYP. SHEET M209 |
| MAIN LINE WEST SIDE | 15 m | 7.2 m | 162 m | SEE NYS DOT TYP. SHEET M209 |
| MAIN LINE EAST SIDE | 15 m | 7.2 m | 162 m | SEE NYS DOT TYP. SHEET M209 |
| NORTHERN END OF FUHRMANN ST. | 15 m | 7.2 m | 162 m | SEE NYS DOT TYP. SHEET M209 |
| SOUTHERN END OF FUHRMANN ST. | 15 m | 7.2 m | 162 m | SEE NYS DOT TYP. SHEET M209 |
| TOTAL | | | 972 m | |

NOTES:
 THE LOCATIONS ARE GENERAL DEPENDING ON THE ACTUAL PLACEMENT OF CONTRACTOR ACCESS.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 750.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO MAJOR DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. MAJOR DESIGN CHANGES ARE (BUT NOT LIMITED TO) ALIGNMENT SHIFTS, PROFILE ADJUSTMENTS, STRUCTURE ADDITIONS, ETC. SEE SHEET 2 FOR APPROVAL.

ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
 AS BUILT REVISIONS

[Signature]
 SIGNATURE

5-14-12
 DATE

GRADING, EROSION AND SEDIMENT CONTROL TABLES

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

| | | |
|--------------------------|------------------|----------------------|
| PB AMERICAS, INC. | DATE 12/31/09 | DRAWING NO. ECT-2 |
|--------------------------|------------------|----------------------|

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR

| ITEM 209.1701 - DRAINAGE STRUCTURE INLET PROTECTION SILT FENCE TEMPORARY | | | |
|--|--------------------------|------------|---------|
| DS-ID # | STATION, OFFSET | LENGTH (m) | COMMENT |
| 2-9 | 1+278.3, 41.76 m RT | 4.5 | |
| 2-11 | FS 0+996.8, 4.12 m RT | 4.5 | |
| 2-13 | FS 1+122.1, 16.86 m RT | 4.5 | |
| EXISTING | TD 1+321.8, 9.98 m LT | 4.5 | |
| EXISTING | T 1+026.5, 18.72 m RT | 4.5 | |
| 6-4 | TA 1+048.0, 1.48 m LT | 4.5 | |
| 6-8A | FB 1+013.9, 8.23 m RT | 4.5 | |
| 6-18 | FS 1+726.5, 8.21 m RT | 4.5 | |
| 6-20 | TC 1+559.1, 10.41 m RT | 4.5 | |
| 6-23 | T 1+095.4, 10.14 m LT | 4.5 | |
| 6-27 | FB 1+123.6, 21.51 m RT | 4.5 | |
| 6-29 | TD 1+329.9, 4.87 m LT | 4.5 | |
| 6-30 | T 1+093.5, 14.15 m RT | 4.5 | |
| 7-5 | TB 1+036.0, 9.46 m LT | 4.5 | |
| 8-3 | TA 1+063.2, 7.29 m RT | 4.5 | |
| 12-4 | TNP 1+071.5, 12.87 m RT | 4.5 | |
| EXISTING | MUP4 1+933.5, 13.28 m LT | 4.5 | |
| 13-6 | MUP4 1+939.7, 11.29 m LT | 4.5 | |
| EXISTING | OD 1+390.7, 1.57 m LT | 4.5 | |
| 17-7 | OD 1+326.1, 7.04 m LT | 4.5 | |
| 17-9 | OD 1+400.0, 6.45 m RT | 4.5 | |
| 18-6 | FB 2+654.3, 9.34 m RT | 4.5 | |
| 18-10 | FB 2+610.0, 11.14 m RT | 4.5 | |
| 18-22 | OD 1+467.9, 6.70 m LT | 4.5 | |
| 20-2 | FB 2+744.1, 7.90 m RT | 4.5 | |
| 20-13 | FB 2+690.2, 9.85 m RT | 4.5 | |
| 21-8 | FB 2+979.3, 11.94 m RT | 4.5 | |
| EXISTING | MUP9 1+228.6, 5.34 m RT | 4.5 | |
| 22-1 | FB 3+085.7, 11.84 m RT | 4.5 | |
| EXISTING | MUP7 2+303.6, 8.53 m RT | 4.5 | |
| EXISTING | MUP9 1+453.3, 2.85 m RT | 4.5 | |
| 23-15 | FB 3+250.1, 10.22 m RT | 4.5 | |
| EXISTING | XD 1+021.9, 3.93 m LT | 4.5 | |
| 25-15 | FB 3+537.8, 12.54 m RT | 4.5 | |
| EXISTING | XC 1+082.9, 5.72 m LT | 4.5 | |
| EXISTING | XC 1+174.8, 3.18 m LT | 4.5 | |
| EXISTING | XC 1+308.7, 6.54 m LT | 4.5 | |
| EXISTING | XC 1+340.6, 12.03 m LT | 4.5 | |
| 27-11A | XD 1+289.0, 7.68 m LT | 4.5 | |
| 27-14 | XC 1+262.0, 6.40 m RT | 4.5 | |
| 27-15 | XC 1+350.0, 4.70 m RT | 4.5 | |
| 27-16 | FB 3+863.9, 14.52 m RT | 4.5 | |
| EXISTING | FB 3+900.0, 25.65 m RT | 4.5 | |
| EXISTING | XC 1+399.4, 5.11 m RT | 4.5 | |
| 29-1 | XC 1+406.4, 5.30 m LT | 4.5 | |
| 29-4 | XA 1+040.8, 3.50 m LT | 4.5 | |
| 29-17 | XD 1+395.2, 3.46 m RT | 4.5 | |
| EXISTING | XA 1+138.9, 9.17 m RT | 4.5 | |
| 30-2 | XA 1+161.4, 6.60 m RT | 4.5 | |
| 30-4 | FB 4+038.2, 7.91 m LT | 4.5 | |
| 30-11 | XB 1+051.2, 6.89 m LT | 4.5 | |
| EXISTING | SR5 5+158.7, 7.76 m RT | 4.5 | |
| 32-13 | XB 1+357.4, 16.33 m RT | 4.5 | |
| 32-14 | FB 4+302.6, 16.00 m RT | 4.5 | |
| 35-11 | FB 4+800.9, 13.56 m RT | 4.5 | |
| EXISTING | MUP7 4+239.6, 2.66 m RT | 4.5 | |
| EXISTING | FB 5+045.4, 3.65 m RT | 4.5 | |
| 42-4 | FB 5+722.7, 3.68 m RT | 4.5 | |
| 42-5 | FB 5+715.5, 6.18 m LT | 4.5 | |
| 44-8 | FS 1+392.5, 11.28 m RT | 4.5 | |
| 45-7 | FS 1+604.0, 8.20 m RT | 4.5 | |
| 46-9 | FB 1+196.0, 11.34 m RT | 4.5 | |
| 47-11 | FB 1+300.8, 10.43 m RT | 4.5 | |
| 48-3 | TA 1+366.9, 9.38 m LT | 4.5 | |
| 48-6 | FB 1+495.7, 7.90 m RT | 4.5 | |
| 49-3 | FB 1+575.7, 7.90 m RT | 4.5 | |
| EXISTING | FB 1+694.9, 21.38 m LT | 4.5 | |
| 50-1 | FB 1+695.4, 7.90 m RT | 4.5 | |
| 50-3 | FB 1+730.9, 7.90 m RT | 4.5 | |
| 50-7 | FB 1+759.3, 7.90 m RT | 4.5 | |

| ITEM 209.1701 - DRAINAGE STRUCTURE INLET PROTECTION SILT FENCE - TEMPORARY | | | |
|--|------------------------|------------|---------------|
| DS-ID # | STATION, OFFSET | LENGTH (m) | COMMENT |
| 50-9 | FB 1+802.0, 4.90 m RT | 4.5 | |
| 50-11 | FB 1+695.5, 12.03 m RT | 4.5 | |
| 50-12 | FB 1+801.8, 10.82 m RT | 4.5 | |
| 51-12 | FB 1+836.5, 11.04 m RT | 4.5 | |
| 52-4 | FB 2+097.2, 7.89 m RT | 4.5 | |
| 52-8 | FB 2+097.0, 11.10 m RT | 4.5 | |
| 54-1 | FB 2+281.0, 7.90 m RT | 4.5 | |
| 54-3 | FB 2+327.1, 7.89 m RT | 4.5 | |
| 54-5 | FB 2+357.1, 7.90 m RT | 4.5 | |
| 54-8 | FB 2+379.2, 7.90 m RT | 4.5 | |
| 54-13 | FB 2+327.0, 12.09 m RT | 4.5 | |
| 33 UNSPECIFIED | A. O. B. E. | 148.50 | SEE NOTE 1. |
| TOTAL | | 513 | ITEM 209.1701 |

NOTE:

- FOR ESTIMATING PURPOSES IT IS ASSUMED THAT AN ADDITIONAL 33 INLETS WILL REQUIRE PROTECTION. EXACT LOCATION A.O.B.E. DURING CONSTRUCTION.

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 751.


NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. DESIGN CHANGES ARE (BUT NOT LIMITED TO) LOCATION OF INLET PROTECTION. SEE SHEET 2 FOR APPROVAL.

| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 751F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |


ALL DIMENSIONS ARE IN M UNLESS OTHERWISE NOTED

AS BUILT REVISIONS

NO


5-14-12
 SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL TABLES


 STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

| | | |
|--------------------------|------------------|----------------------|
| PB AMERICAS, INC. | DATE 12/31/09 | DRAWING NO. ECT-3 |
|--------------------------|------------------|----------------------|

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 PLOTTED BY: borkowski
 DATE: 12/31/09 1:36:14 PM

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR

| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 752F1 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

DRY SWALES

NOTE: CHECK DAMS LISTED WITHIN THIS TABLE TO REMAIN IN PLACE AFTER CONSTRUCTION AS PER SWPPP
 620.03 STONE FILLING (LIGHT) = 125 CUBIC METERS
 623.15--05 CRUSHED GRAVEL, CRUSHED STONE OR CRUSHED SLAG (IN-PLACE MEASURE) = 40 CUBIC METERS
 605.1602 08 NON-PERFORATED PVC PIPE, 150 mm DIA. PIPE = 160 m
 605.1602 PERFORATED POLYVINYL CHLORIDE UNDERDRAIN PIPE 150 mm DIA. PIPE = 2,950 m
 616.20_08 BIORETENTION AND DRY SWALE SOIL = 3,370 CM
 605.0901 UNDERDRAIN FILTER TYPE I = 890 CM

| SWALE BEGIN | | SWALE END | | RECEIVING DS | DITCH SLOPE % | AVERAGE BOTTOM WIDTH (M) | CHECK DAM HEIGHT (M) | MINIMUM # OF CHECKDAMS | SPACING OF DAMS (m) | DISTANCE FROM DI TO FIRST CHECK DAM (m) | LENGTH OF TREATMENT UP CHANNEL FROM FIRST CHECK DAM (m) |
|--------------------|-----------|--------------------|-----------|--------------|---------------|--------------------------|----------------------|------------------------|---------------------|---|---|
| LOCATION | INVERT | LOCATION | INVERT | | | | | | | | |
| 1+438.3 + 28.5 | RT 177.43 | 1+278.3 + 41.8 | RT 177.32 | 2-9 | 0.78% | 2 | 0.46 | 2 | 58.89 | 4 | 157 |
| 1+466.7 + 33.8 | LT 177.57 | 1+259.1 + 33.4 | LT 176.72 | 2-13 | 0.75% | 1 | 0.46 | 3 | 111.88 | 4 | 204 |
| 1+637.2 + 14.3 | LT 183.75 | 1+809.7 + 42.9 | LT 180.08 | 6-20 | 1.88% | 2.5 | 0.46 | 7 | 26.32 | 4 | 171 |
| SR5 2+084.0 + 14.3 | RT 180.33 | 1+881.8 + 45.4 | RT 178.22 | 7-5 | 1.24% | 2.5 | 0.37 | 5 | 37.55 | 4 | 166 |
| 1+865.8 + 27.3 | LT 178.86 | 1+908.5 + 25.6 | LT 178.49 | 8-3A | 0.81% | 2 | 0.30 | 1 | 42.00 | 4 | 38 |
| SR5 2+178.8 + 14.2 | LT 180.08 | 1+908.9 + 25.6 | LT 178.49 | 8-3B | 0.78% | 1.5 | 0.30 | 3 | 58.92 | 4 | 201 |
| SR5 3+261.8 + 35.0 | RT 176.86 | SR5 2+727.3 + 27.5 | RT 175.61 | 13-6 | 0.23% | 2 | 0.46 | 2 | 201.68 | 4 | 543 |
| SR5 2+440.0 + 16.4 | LT 177.80 | SR5 2+533.2 + 9.75 | LT 177.25 | 50-11 | 0.77% | 2 | 0.46 | 1 | 66.40 | 4 | 90 |
| SR5 2+861.5 + 17.0 | LT 177.92 | SR5 2+673.8 + 24.7 | LT 177.12 | 51-12 | 0.43% | 2.1 | 0.15 | 5 | 104.99 | 4 | 182 |
| SR5 2+861.8 + 17.0 | LT 177.92 | SR5 2+936.5 + 14.6 | LT 177.44 | 52-8A | 0.68% | 1.4 | 0.15 | 3 | 69.98 | 4 | 68 |
| SR5 3+039.8 + 14.7 | LT 177.82 | SR5 2+936.8 + 14.6 | LT 177.44 | 52-8B | 0.38% | 2.1 | 0.25 | 1 | 103.00 | 4 | 99 |
| SR5 3+041.2 + 14.7 | LT 177.82 | SR5 3+166.7 + 16.2 | LT 177.36 | 54-13A | 0.37% | 2.1 | 0.27 | 1 | 122.57 | 4 | 122 |
| SR5 3+298.3 + 19.3 | LT 177.70 | SR5 3+166.7 + 16.2 | LT 177.36 | 54-13B | 0.54% | 1.2 | 0.46 | 2 | 52.00 | 4 | 132 |
| SR5 3+634.0 + 28.0 | LT 178.13 | SR5 3+829.1 + 29.8 | LT 177.17 | 21-8 | 0.58% | 2.4 | 0.30 | 3 | 51.56 | 30 | 195 |
| SR5 5+097.1 + 33.6 | RT 177.11 | SR5 5+148.0 + 30.2 | RT 176.67 | 32-13A | 0.86% | 2.4 | 0.44 | 1 | 51.00 | 4 | 47 |
| SR5 5+325.6 + 30.6 | RT 177.66 | SR5 5+148.7 + 30.1 | RT 176.67 | 32-13B | 0.66% | 2.4 | 0.46 | 2 | 69.27 | 4 | 146 |
| SR5 5+372.5 + 30.1 | LT 178.83 | SR5 5+134.3 + 31.4 | LT 177.95 | 32-14B | 0.46% | 2.0 | 0.46 | 1 | 100.27 | 45 | 148 |
| 1+897.6 + 44.9 | LT 178.37 | SR5 2+040.6 + 37.9 | LT 176.61 | 46-9A | 1.34% | 2.4 | 0.46 | 3 | 34.03 | 13 | 133 |
| SR5 3+979.5 + 27.0 | LT 178.00 | SR5 4+094.9 + 20.6 | LT 177.69 | 23-15 | 0.29% | 1.8 | 0.32 | 1 | 110.00 | 9 | 101 |

FIELD CHANGE

THIS SHEET SUPERSEDES SHEET 752.

NOTE: THIS SHEET REPRESENTS REVISIONS TO THE PS&E DRAWINGS DATED 09/07/07. THESE FIELD CHANGE SHEETS ARE NECESSARY DUE TO DESIGN CHANGES INTRODUCED AFTER THE PROJECT WAS AWARDED. DESIGN CHANGES ARE (BUT NOT LIMITED TO) TREATMENT SWALE EXTENT AND LOCATION. SEE SHEET 2 FOR APPROVAL.

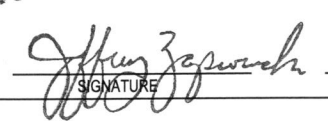
NOTES:

- ALL DITCHES/SWALES LISTED ON THIS SHEET ARE TO BE CONSTRUCTED AS TREATMENT DITCHES AS PER THE DETAILS ON SHEETS ECD-1 AND ECD-2.
- SEE SECTION SHEETS OF PLANS FOR SIDE SLOPES AND DEPTHS OF DITCHES.
- SHOULD THE CONTRACTOR ELECT TO USE SLAG FOR CONSTRUCTION OF THE PERMANENT STONE CHECK DAMS, ALL SLAG MATERIALS SHALL BE TESTED AND SHOWN FREE OF CONTAMINATED MATERIALS AS PER NYSDEC SOIL CLEANUP OBJECTIVE GUIDELINES. ONE TEST SHALL BE REQUIRED PER 150 CUBIC METERS OF MATERIAL. COST FOR REQUIRED ANALYSIS SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 623.15--05.


ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED

AS BUILT REVISIONS

No


 5-14-12
 SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL TABLES

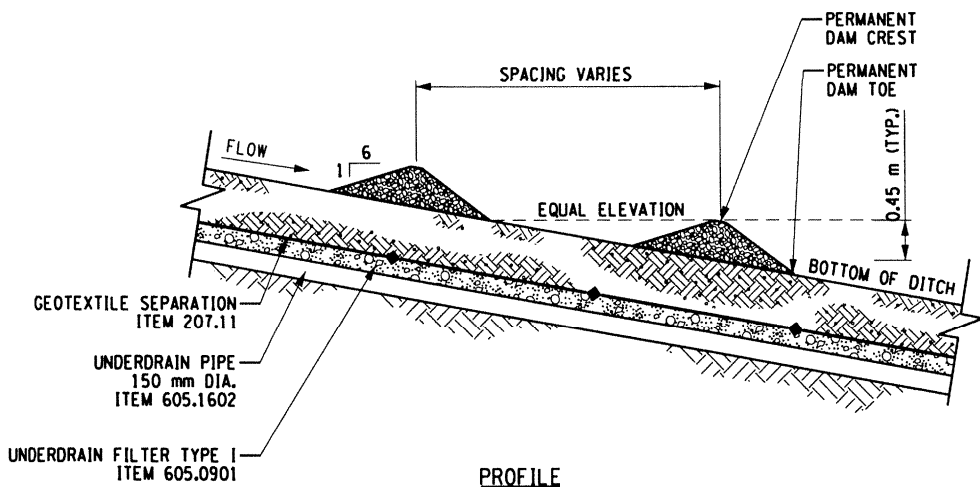

 STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

PB AMERICAS, INC.
DATE 06/15/09
DRAWING NO. ECT-4

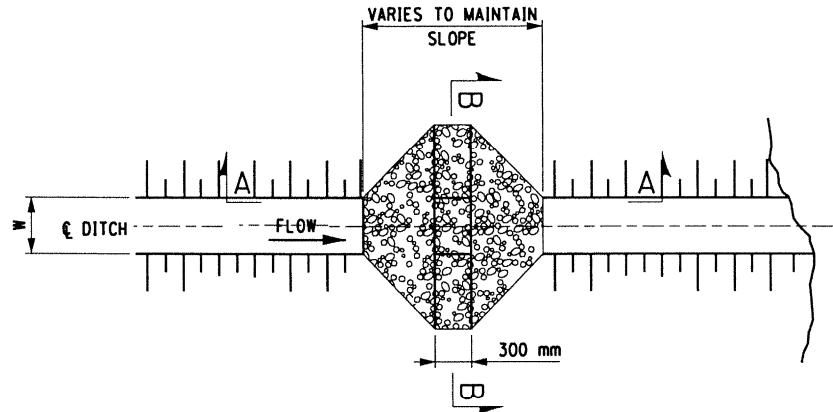
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 PLOTTED BY: borkowski

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR

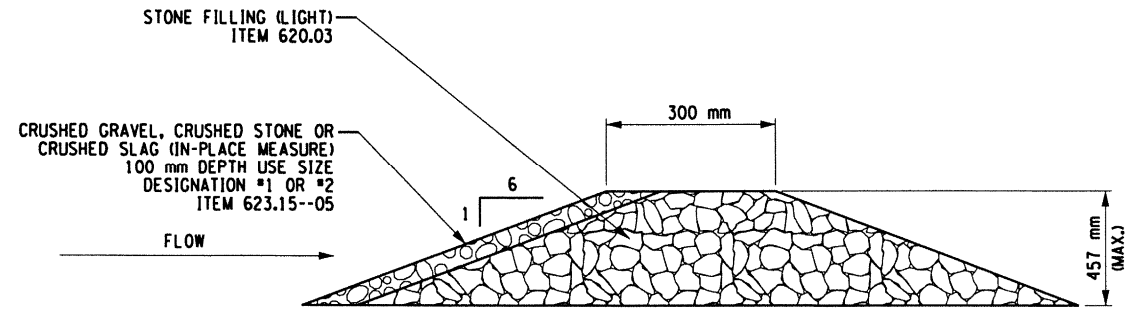
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|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 753 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
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| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |



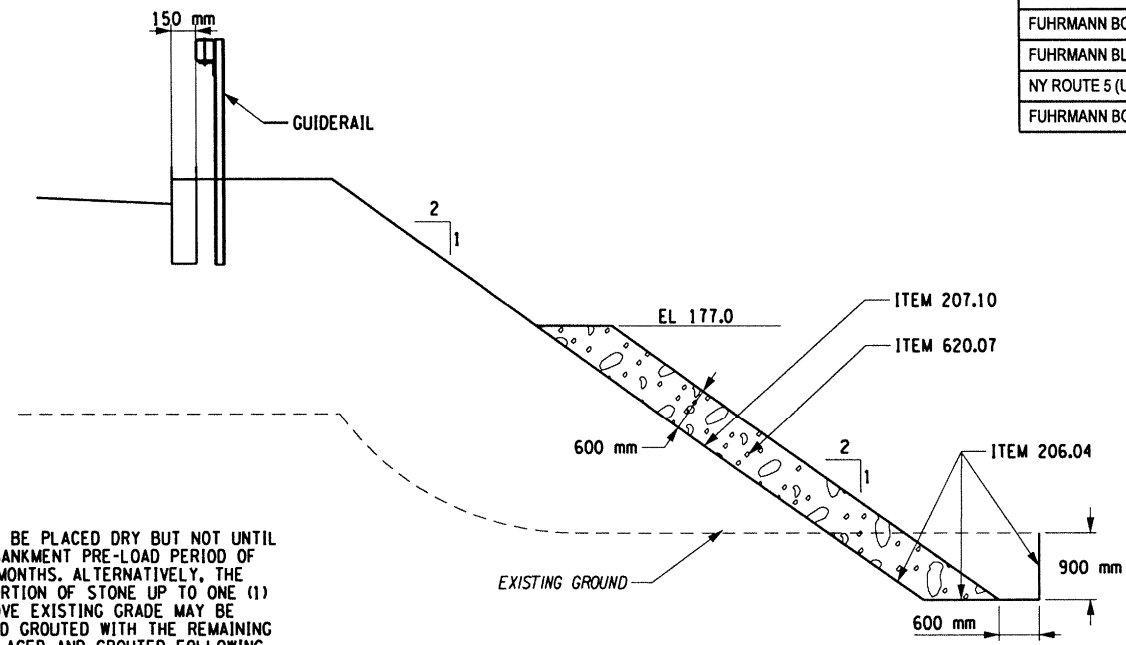
PROFILE
DRY SWALE DETAIL
N.T.S.



PERMANENT CHECK DAM PLAN
N.T.S.



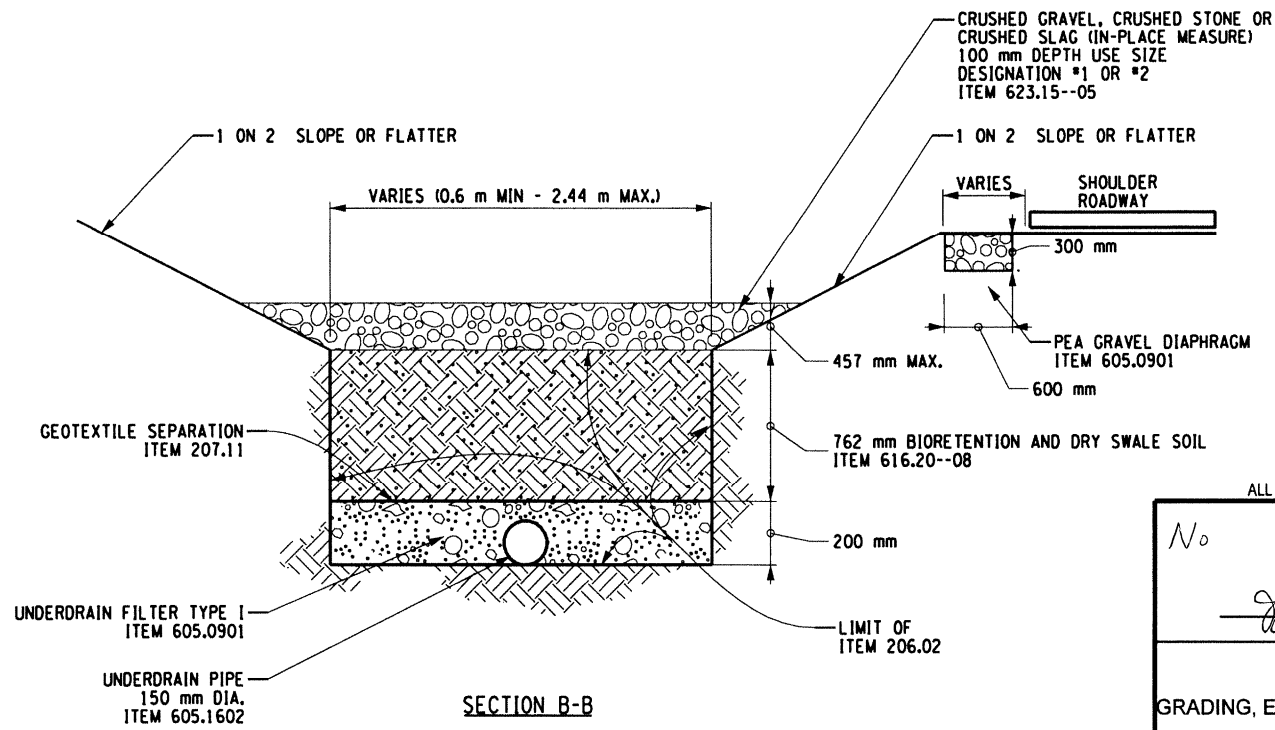
SECTION A-A



REVETMENT DETAIL
N.T.S.

NOTES:

1. STONE MAY BE PLACED DRY BUT NOT UNTIL AFTER EMBANKMENT PRE-LOAD PERIOD OF EIGHT (8) MONTHS. ALTERNATIVELY, THE BOTTOM PORTION OF STONE UP TO ONE (1) METER ABOVE EXISTING GRADE MAY BE PLACED AND GROUTED WITH THE REMAINING PORTION PLACED AND GROUTED FOLLOWING THE EIGHT (8) MONTH PRE-LOAD PERIOD.
2. SHOULD THE CONTRACTOR ELECT TO USE SLAG FOR CONSTRUCTION OF THE PERMANENT STONE CHECK DAMS, ALL SLAG MATERIALS SHALL BE TESTED AND SHOWN FREE OF CONTAMINATED MATERIALS AS PER NYSDEC SOIL CLEANUP OBJECTIVE GUIDELINES. ONE TEST SHALL BE REQUIRED PER 150 CUBIC METERS OF MATERIAL. COST FOR REQUIRED ANALYSIS SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 623.15--05.



SECTION B-B

ALL DIMENSIONS ARE IN m UNLESS OTHERWISE NOTED
AS BUILT REVISIONS

No
 Signature: *Alfonso Zapata*
 DATE: 5-7-12

GRADING, EROSION AND SEDIMENT CONTROL DETAILS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

PB AMERICAS, INC. DATE: 09/07/07 DRAWING NO. ECD-1

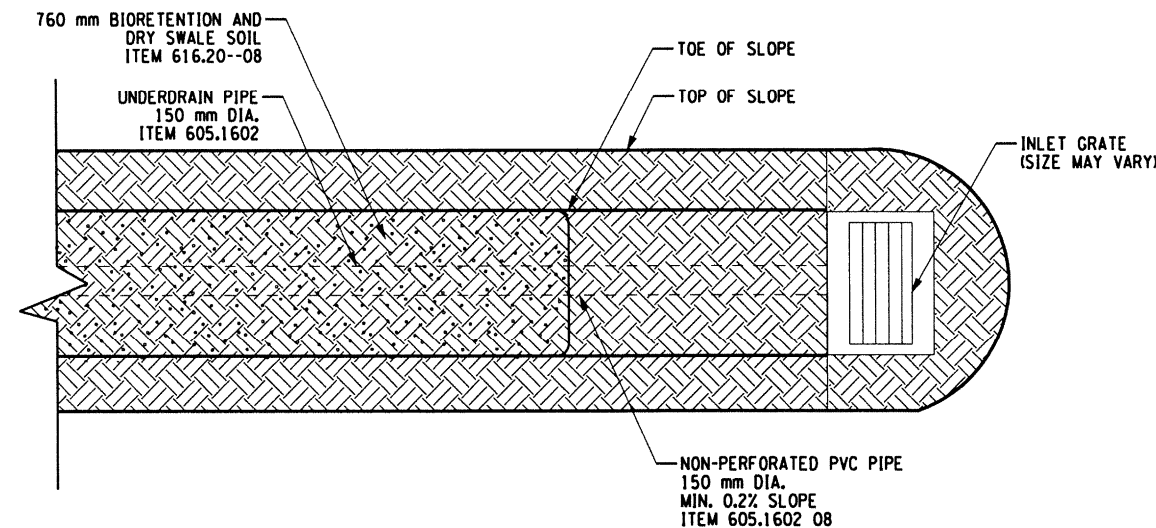
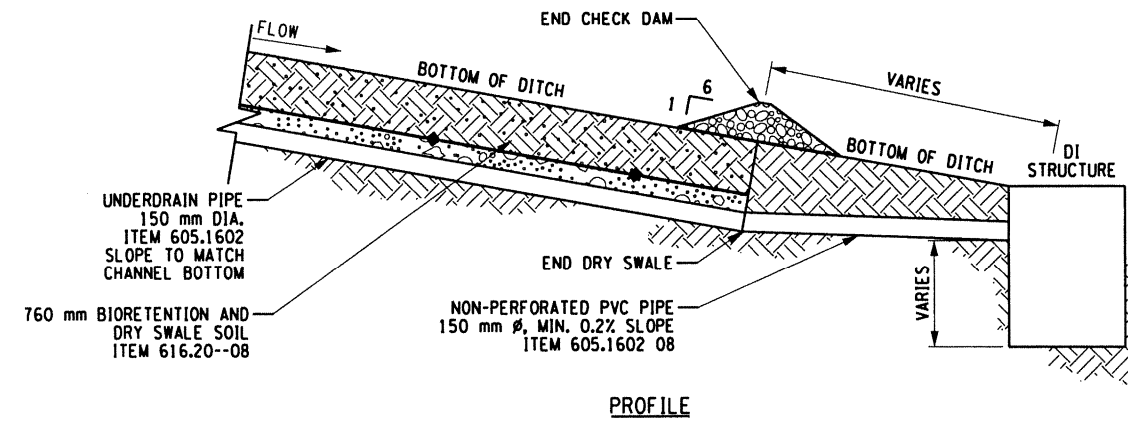
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 PLOTTED BY: McChainA

DESIGN SUPERVISOR J. HUBERT
 JOB MANAGER J. HUBERT
 DESIGNED BY K. KERR
 CHECKED BY J. GEASLING
 ESTIMATED BY K. KERR
 DRAFTED BY S. WAITE
 CHECKED BY K. KERR

| | | | | |
|---|-------|--------------|-----------|--------------|
| FED ROAD REG. NO. | STATE | CONTRACT NO. | SHEET NO. | TOTAL SHEETS |
| 1 | N.Y. | D260558 | 754 | 940 |
| P.I.N. 5044.01 | | B.I.N. | | |
| CITY OF BUFFALO | | ERIE COUNTY | | |
| FUHRMANN BLVD - HAMBURG TPK VIADUCT PT. 6 FATHER BAKER BR., FAC 58-14 | | | | |
| FUHRMANN BOULEVARD, PART 2, FAC 62-20 | | | | |
| FUHRMANN BLVD - HIGH LEVEL BR., BUFFALO SKYWAY MARGINAL RD, FAC 54-9 | | | | |
| NY ROUTE 5 (UNION SHIP CANAL TO SKYWAY) AND | | | | |
| FUHRMANN BOULEVARD (UNION SHIP CANAL TO COAST GUARD STATION) | | | | |

NOTES:


1. SEE LANDSCAPING PLANS FOR SEEDING.
2. SEE TABLES ON DWG. ECT-1 THROUGH ECT-4 FOR EXTENTS OF TREATMENT.
3. SEE TABLES ON DWG. ECT-1 THROUGH ECT-4 FOR QUANTITIES AND SPACING OF CHECK DAMS.



PLAN
DRY SWALE END DETAIL
 N.T.S.

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5-7-12
 SIGNATURE DATE

GRADING, EROSION AND SEDIMENT CONTROL DETAILS

STATE OF NEW YORK
 DEPARTMENT OF TRANSPORTATION
 REGION 5

PB AMERICAS, INC. DATE 09/07/07 DRAWING NO. ECD-2

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