

PUBLIC NOTICE

US Army Corps
of Engineers
New York District
Jacob K. Javits Federal Building
New York, N.Y. 10278-0090
ATTN: Regulatory Branch

In replying refer to:

Public Notice Number: 2006-00541-J2
Issue Date: October 17, 2006
Expiration Date: November 6, 2006

To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

APPLICANT: New Jersey Sports and Exposition Authority
Meadowlands Complex
50 State Route 120
East Rutherford, New Jersey 07073-2131

ACTIVITY: Discharge fill material into waters of the United States to facilitate the construction and installation of a two-track railroad spur and the relocation of a tidal drainage ditch.

WATERWAY: Ackerman's Creek (Hackensack River Basin)

LOCATION: Borough of East Rutherford, Bergen County, New Jersey.

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND MAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity.

CENAN-OP-RW
PUBLIC NOTICE NO. 2006-00541-J2

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by mail is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein is not likely to affect any Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all federal agencies to consult with the National Marine Fisheries Service (NMFS) on all actions or proposed actions, that are either permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The United States Coast Guard prepared an Essential Fish Habitat (EFH) Assessment for the proposed 2.3-mile rail alignment that extends through waters of the United States which require authorization from the Corps of Engineers. The NMFS reviewed the Coast Guard EFH Assessment and concluded that the EFH Assessment adequately evaluated the proposed projects impacts to EFH and Federally managed species, provided in-water work associated with Berry's Creek and Walden Marsh is prohibited between April 1 and June 30 of any calendar year, and the applicant provides compensatory mitigation for impacts to waters of the United States as a result of the proposed project. This concluded the NMFS' consultation for the proposed work.

Based upon a review of the latest published version of the National Register of Historic Places, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. By this public notice, we are requesting the state's concurrence with, objection to, or waiver of the applicant's certification. No permit decision will be made until one of these actions occur. For activities within the coastal zone of New Jersey the applicant's certification and accompanying information is available from the New Jersey Department of Environmental Protection, Bureau of Coastal Regulation, CN 401, 501 East State Street, Second Floor, Trenton, New Jersey 08625-0401, Telephone Number (609) 633-2289. Comments regarding the applicant's certification should be so addressed.

CENAN-OP-RW
PUBLIC NOTICE NO. 2006-00541-J2

The applicant has applied for a United States Coast Guard bridge permit for the construction of a new railroad bridge over Ackerman's Creek and Berry's Creek, both navigable waterways, in association with the proposed project. The United States Coast Guard, as lead Federal Agency, shall prepare an Environmental Assessment pursuant to the National Environmental Policy Act for the proposed new 2.3 mile rail link.

In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration: New Jersey Department of Environmental Protection Waterfront Development Permit, and a United States Coast Guard Bridge Permit.

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact this office at (917) 790-8412 and ask for James H. Cannon.

For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>

FOR 
Richard L. Tomer
Chief, Regulatory Branch

Enclosures

WORK DESCRIPTION

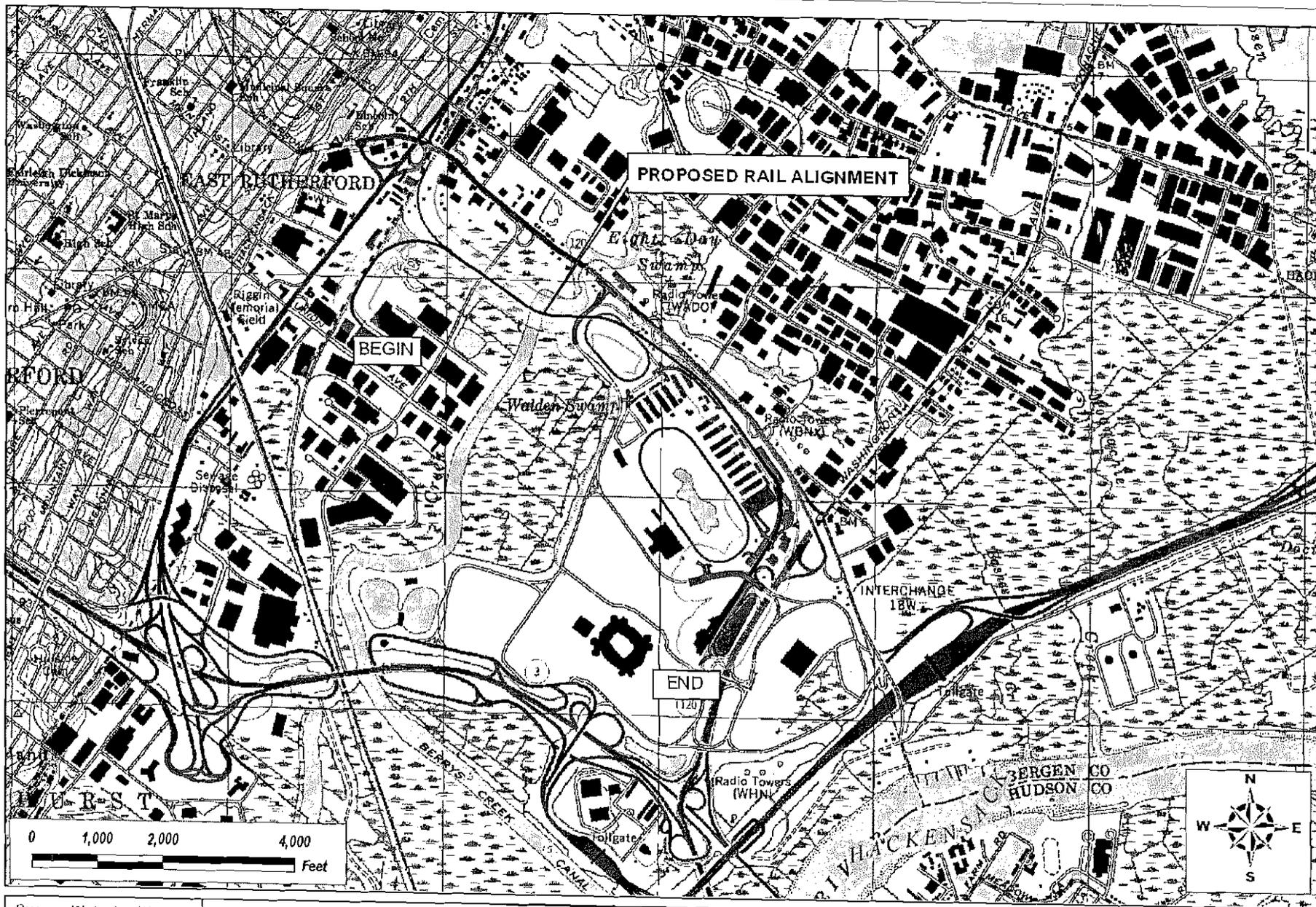
The applicant, the New Jersey Sports and Exposition Authority, has requested Department of the Army authorization to discharge fill material into waters of the United States to facilitate the construction and installation of a two track railroad spur, and the relocation of an existing tidal ditch. The proposed activities would be part of the development of a new 2.3-mile railroad alignment that would extend from the New Jersey Transit's Pascack Valley Line, over Ackerman's Creek and Berry's Creek, through the Meadowlands Sports Complex, and terminate at a proposed new passenger rail station centrally located between the Meadowlands Racetrack, Giants Stadium, and the Continental Airlines Arena. The proposed railroad right-of-way alignment would be located within the Hackensack River watershed, in the Borough of East Rutherford, Bergen County, New Jersey. The applicant has applied for a United States Coast Guard bridge permit for the construction of the railroad alignment over Ackerman's Creek and Berry's Creek, both navigable waterways.

The proposed fill activities would include the discharge of approximately 1,000 cubic yards of fill material into approximately 0.22 acres of waters of the United States. The proposed fill would facilitate the realignment of an existing portion of a 15 foot wide by 250 foot long at-grade single-track spur that would merge with the proposed two-track eastbound "wye" of the new Meadowlands rail spur. The fill would also facilitate the placement of an earthen embankment along approximately 420 linear feet of the existing Pascack Valley Line for the construction of the two-track eastbound "wye". The eastbound "wye" would continue along a pile supported elevated viaduct that would extend over Ackermans Creek, a tidal tributary to the Berry's Creek, Murray Hill Parkway and Berry's Creek.

As part of the proposed eastbound "wye" installation activities, approximately 0.37 acres of an existing tidal drainage ditch would be relocated to an area adjacent to the at-grade and pile supported portion of the eastbound "wye". An additional 0.67 acres of wetlands would be temporarily disturbed as part of the installation of the two-track eastbound "wye". The relocated drainage ditch and all temporarily disturbed waters of the United States including wetlands would be restored to pre-existing elevations and planted with native vegetation where appropriate.

To compensate for the 0.22 acres of permanent impacts to U.S. Army Corps of Engineers jurisdictional wetlands associated with the proposed project, the applicant proposes the use of wetland mitigation credits it intends to purchase from the approved Marsh Resources Mitigation Bank located in the Hackensack Meadowlands District.

The purpose of the proposed project is to provide direct rail access to the Sports Complex from the Frank R. Lautenberg Rail Station at Secaucus Junction. This station provides for connections to New Jersey Transit's 11-mile Northern New Jersey network, Penn Station New York, and Hoboken, New Jersey. The new Meadowlands Rail Station is needed to meet the growing demand for access to the Sports Complex which is projected to continue to increase in the future.



1911

Basemap: Weehawken, NJ, USGS 7.5 Min Quadrangle 1983

Edwards
Kelcey

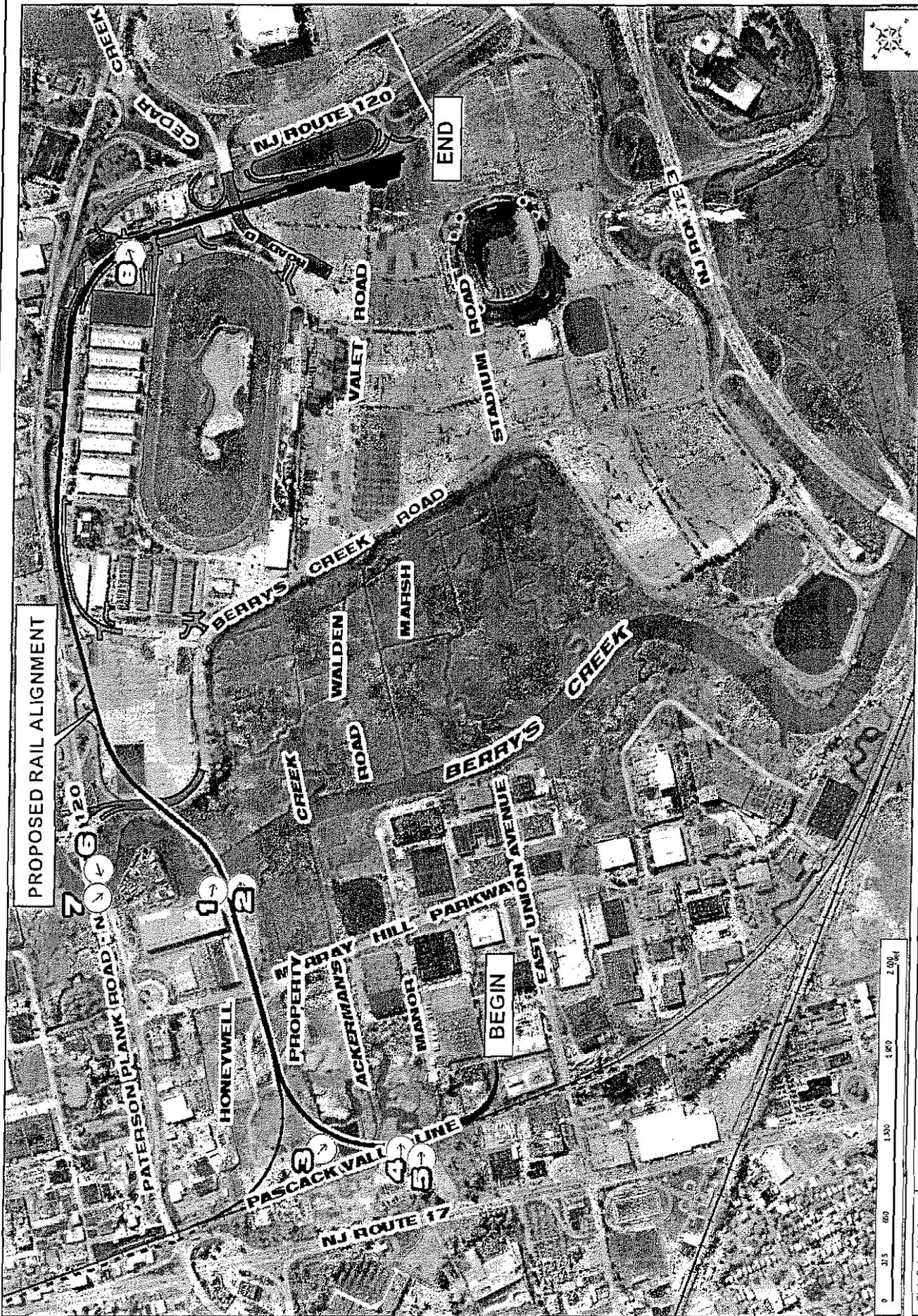
LEGEND

-  Proposed Railroad and Station
-  Proposed Roadway Improvements
-  Existing Railroad
-  NJMC Boundary



MEADOWLANDS RAILROAD AND
ROADWAY IMPROVEMENT PROJECT
ENVIRONMENTAL IMPACT STATEMENT

TOPOGRAPHY
August 2008



PROPOSED RAIL ALIGNMENT

END

BEGIN



Photo Date: May, 2004

LEGEND

- Proposed Roadway Improvements (width along grey border)
- Proposed Railroad and Station
- Existing Railroads
- NJMC Boundary

MEADOWLANDS RAILROAD AND ROADWAY IMPROVEMENT PROJECT

PHOTOGRAPH LOCATIONS

August, 2006



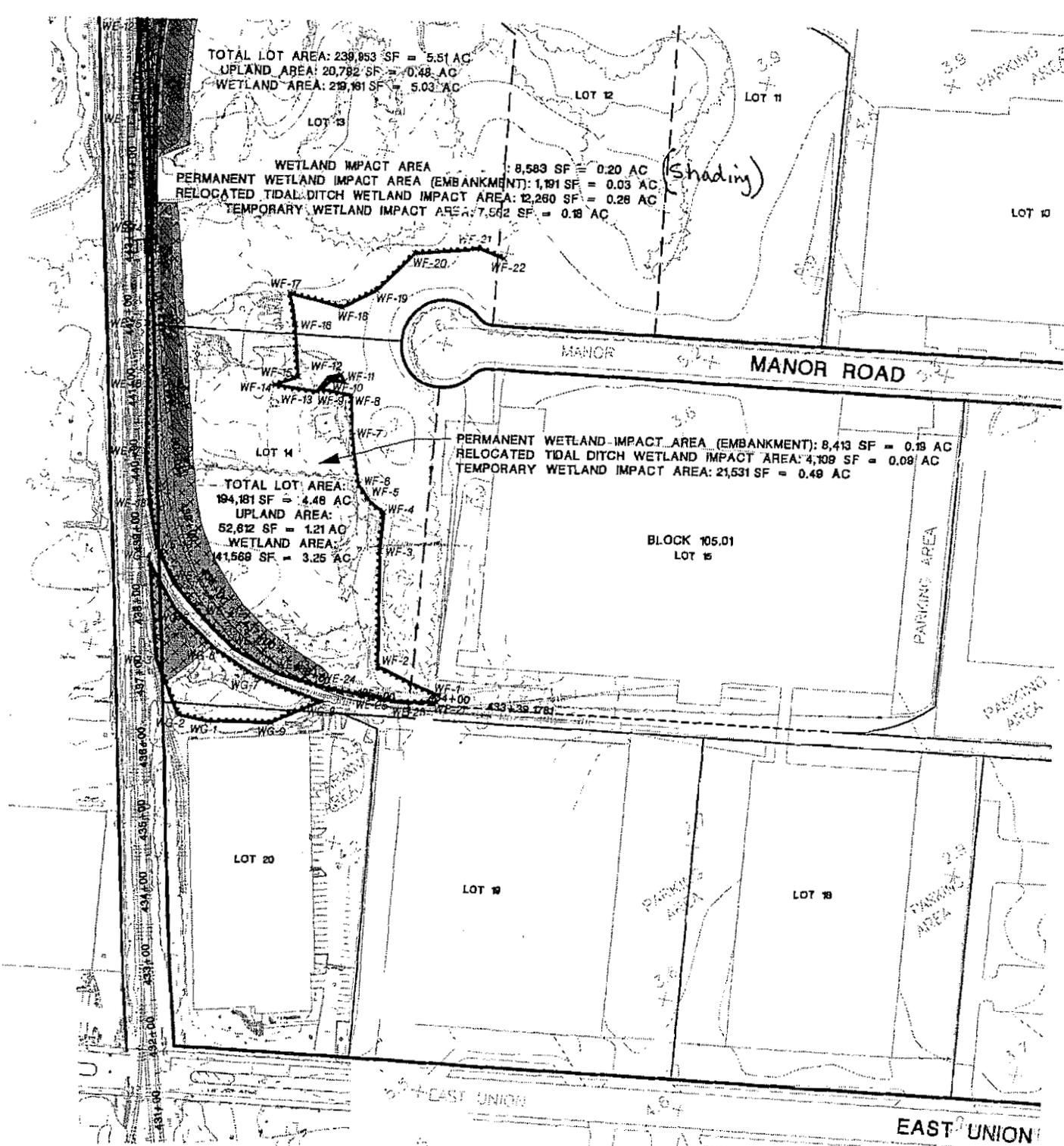
BRUNNEN
CONCRETE

TOTAL LOT AREA: 239,953 SF = 5.51 AC
 UPLAND AREA: 20,792 SF = 0.48 AC
 WETLAND AREA: 219,161 SF = 5.03 AC

WETLAND IMPACT AREA : 8,583 SF = 0.20 AC
 PERMANENT WETLAND IMPACT AREA (EMBANKMENT): 1,191 SF = 0.03 AC
 RELOCATED TIDAL DITCH WETLAND IMPACT AREA: 12,260 SF = 0.28 AC
 TEMPORARY WETLAND IMPACT AREA: 7,562 SF = 0.18 AC

PERMANENT WETLAND IMPACT AREA (EMBANKMENT): 8,413 SF = 0.19 AC
 RELOCATED TIDAL DITCH WETLAND IMPACT AREA: 4,109 SF = 0.09 AC
 TEMPORARY WETLAND IMPACT AREA: 21,531 SF = 0.49 AC

TOTAL LOT AREA: 194,181 SF = 4.48 AC
 UPLAND AREA: 52,812 SF = 1.21 AC
 WETLAND AREA: 141,569 SF = 3.25 AC



3 of 11

New Jersey Sports & Exposition Authority



NEW JERSEY DEPARTMENT OF TRANSPORTATION



NJ TRANSIT
 ONE PENN PLAZA EAST

DESIGNER: GSO
 DRAFTER: BMV
 CHECKER: ABC
 IN CHARGE: GSO

[Signature]
 ANDREW B. C.

3-JAN-2008 10:24
 2005 Project: 06001 (0001) Civil Survey/Plan/Environmental/Station: 10-401 (100) (1)

ROUTE 12

LOT 3

LOT 4

LOT 5

LOT 1

WC-17 WC-18
 WC-15
 WC-14
 WC-13
 WC-12
 WC-11
 WC-10
 WC-9
 WC-8
 WC-7
 WC-6
 WC-5
 WC-4
 WC-3
 WC-2
 WC-1

SPRING HIGH WATER LINE = 3.6'

PROPOSED E TRACK 3

PROPOSED E TRACK 2

PROPOSED E TRACK 1

MEAN HIGH WATER LINE = 3.4'

BLOCK 105.02

LOT 8

TOTAL LOT AREA: 1,788,443 SF = 41.01 AC
 UPLAND AREA: 1,012,275 SF = 23.24 AC
 WETLAND AREA: 774,168 SF = 17.77 AC

WETLAND IMPACT AREA: 23,793 SF = 0.55 AC
 RELOCATED TIDAL DITCH WETLAND IMPACT AREA: 228 SF = 0.005 AC
 TEMPORARY WETLAND IMPACT AREA: 28,275 SF = 0.65 AC

NON-JURISDICTIONAL MAN-MADE WATER BODY

ACKERMAN'S CREEK

LOT 12

LOT 11

LOT 10

40811

Shading

New Jersey Sports & Exposition Authority



NEW JERSEY DEPARTMENT OF TRANSPORTATION



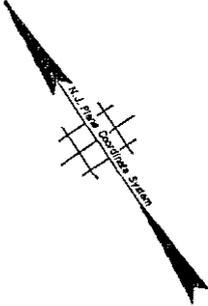
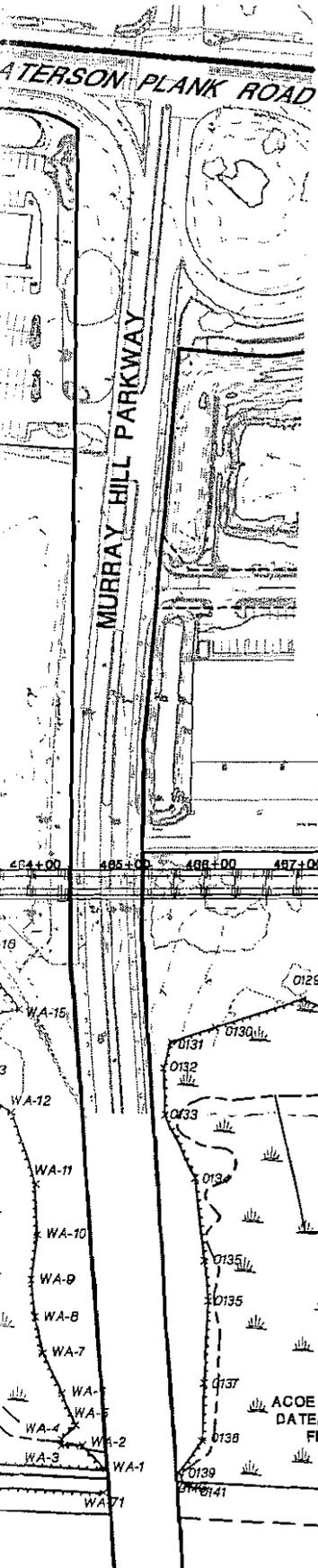
NJ TRANSIT

ONE PENN PLAZA NORTH
NEWARK, NEW JERSEY 07102

DESIGNER:	GSO
DRAFTER:	BMV
CHECKER:	ABC
IN CHARGE:	GSO
ISSUE DATE:	04/25/06
DATE	REVISION

ANDREW B. [Signature]

0 481 3000 15 25
2006 Project: 020711001 (Civil Survey Plans) (Environmental) (Location: 10-04) (Structure)



NOTES:

1. ACOE JD EXISTS FOR BLOCK 105.02, LOT 5, JD #2003-01242-J2 DATED MARCH 12, 2004. (FLAG# 0101-0141)
2. EXISTING TOPOGRAPHIC INFORMATION IS BASED UPON AN AERIAL SURVEY BY GEO D CORPORATION PERFORMED IN AUGUST, 2004. AERIAL BASE MAP WAS FIELD EDITED BY EDWARDS AND KELCEY AUGUST-SEPTEMBER, 2004. PORTIONS OF THE SUBJECT SITE HAVE NOT BEEN FIELD EDITED DUE TO ACCESS LIMITATIONS.
3. MEAN HIGH WATER AND SPRING HIGH WATER ELEVATIONS ARE TAKEN FROM AND BASED UPON A CERTAIN PLAN ENTITLED: "PERMIT PLAN, ALLIED SIGNAL, BLOCK 105.01, LDT 8, BLOCK 105.02, LOT 5, EAST RUTHERFORD, BERGEN COUNTY, NEW JERSEY", SHEET No. C-4, PREPARED BY PAULUS, SOKOLOWSKI AND SARTOR, P.C. AND DATED AUGUST 19, 1998. MEAN WATER=3.4'; SPRING HIGH WATER=3.8'
4. MDST OF THE SITE IS CONTAINED WITHIN ZONE A4 (EL 8), AS SHOWN ON FEMA FLOOD INSURANCE RATE MAP, HACKENSACK MEADOWLANDS DISTRICT, NEW JERSEY, BERGEN AND HUDSON COUNTIES, PANEL 3 OF 10, DESIGNATED AS COMMUNITY-PANEL NUMBER 340670-0003-A, WITH AN EFFECTIVE DATE OF DECEMBER 15, 1982.

LEGEND

- RIGHT OF WAY LINE
- - - MEAN HIGH WATER LINE
- - - SPRING HIGH WATER LINE
- CENTERLINE OF PROP. RAILS
- PROPERTY LINE
- WATER BODIES
- WETLAND AREA
- FILE CAP FOUNDATION FOR VIADUCT STRUCTURE
- WETLAND IMPACTS - SHADING
- PERMANENT WETLAND IMPACTS - EMBANKMENT
- RELOCATED TIDAL DITCH WETLAND IMPACTS
- TEMPORARY WETLAND IMPACTS

IMPACTED STATE OPEN WATERS (BERRY'S CREEK)
AREA = 0.18 AC

SPRING HIGH WATER LINE = 3.8'

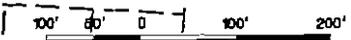
MEAN HIGH WATER LINE = 3.4'

TOTAL LOT AREA: 892,640 SF = 15.89 AC
UPLAND AREA: 195,222 SF = 3.79 AC
WETLAND AREA: 527,118 SF = 12.10 AC

WETLAND IMPACT AREA: 4,714 SF = 0.11 AC (Shading)
TEMPORARY WETLAND IMPACT AREA: 4,230 SF = 0.10 AC

ACOE JD #2003-01242-J2
DATED MARCH 12, 2004
FLAGS 0101-0141

ACKERMAN'S CREEK



5 of 11

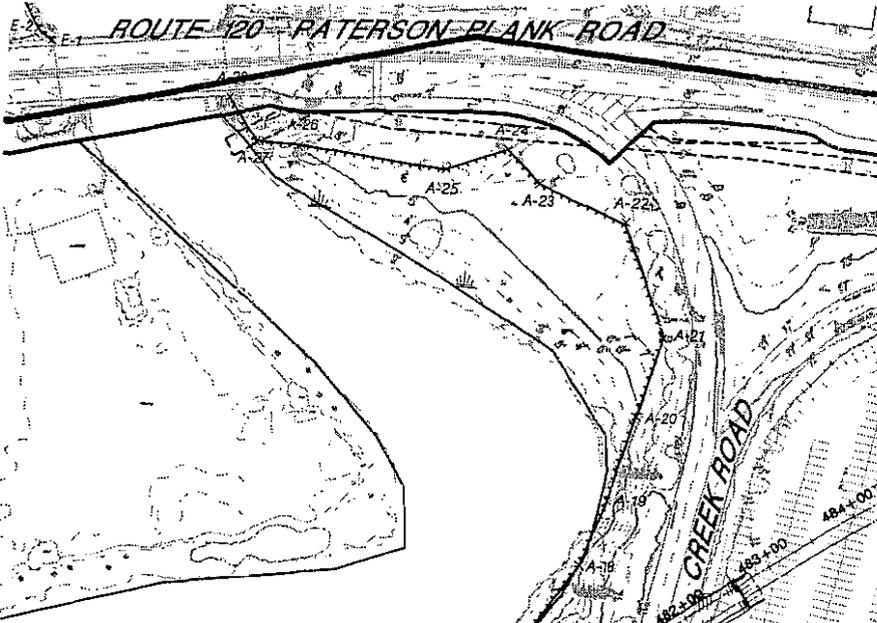
S, PE
NY REG. NO. 246804105600

Edwards and Kelcey
299 Madison Avenue
Morristown, New Jersey 07962
Tel. 973-287-0555

NJ CERTIFICATE OF AUTHORIZATION No. 24G28040500

MEADOWLANDS RAILROAD AND ROADWAY IMPROVEMENT PROJECT
UNITED STATES ARMY CORPS OF ENGINEERS (NEW YORK DIST.)
SECTION 10/404 INDIVIDUAL PERMIT APPLICATION
SITE PLAN
LOT 1 IN BLOCK 107.01, LOT 5 IN BLOCK 105.02
& LOT 8, 9, 13 & 14 IN BLOCK 105.01
BOROUGH OF EAST RUTHERFORD, BERGEN COUNTY, NEW JERSEY

CONTRACT NO.:	
SCALE:	1"=100'
DRAWING NO.:	SP-03
SHEET NO.:	3 OF 4



IMPACTED STATE OPEN
WATERS (BERRY'S CREEK)
AREA = 0.18 AC
(Shading)

BERRY'S CREEK

NOTES:

1. ACOE JD EXISTS FOR BLOCK 105.02, LOT 5, JD #2003-01242-J2 DATED MARCH 12, 2004. (FLAGS 0101-0141)
2. EXISTING TOPOGRAPHIC INFORMATION IS BASED UPON AN AERIAL SURVEY BY GEOD CORPORATION PERFORMED IN AUGUST, 2004. AERIAL BASE MAP WAS FIELD EDITED BY EDWARDS AND KELCEY AUGUST-SEPTEMBER, 2004. PORTIONS OF THE SUBJECT SITE HAVE NOT BEEN FIELD EDITED DUE TO ACCESS LIMITATIONS.
3. MEAN HIGH WATER AND SPRING HIGH WATER ELEVATIONS ARE TAKEN FROM AND BASED UPON A CERTAIN PLAN ENTITLED: "PERMIT PLAN, ALLIED SIGNAL, BLOCK 105.01, LOT 8, BLOCK 105.02, LOT 5, EAST RUTHERFORD, BERGEN COUNTY, NEW JERSEY", SHEET NO. C-4, PREPARED BY PAULUS, SOKOLOWSKI AND SARTOR, P.C. AND DATED AUGUST 10, 1998. MEAN WATER = 3.4'; SPRING HIGH WATER = 3.8'
4. MOST OF THE SITE IS CONTAINED WITHIN ZONE A4 (EL B), AB SHOWN ON FEMA FLOOD INSURANCE RATE MAP, HACKENBACK MEADOWLANDS DISTRICT, NEW JERSEY, BERGEN AND HUDSON COUNTIES, PANEL 3 OF 10, DESIGNATED AB COMMUNITY-PANEL NUMBER 340570-0003-A, WITH AN EFFECTIVE DATE OF DECEMBER 15, 1982.

LEGEND

- RIGHT OF WAY LINE
- MEAN HIGH WATER LINE
- SPRING HIGH WATER LINE
- CENTERLINE OF PROP. RAILS
- PROPERTY LINE
- WATER BODIES
- WETLAND AREA
- PILE CAP FOUNDATION FOR VIADUCT STRUCTURE
- WETLAND IMPACTS - SHADING
- PERMANENT WETLAND IMPACTS - EMBANKMENT
- RELOCATED TIDAL DITCH WETLAND IMPACTS
- TEMPORARY WETLAND IMPACTS

FLOOD
EBB

NOTES:

1. INSTALLATION OF TEMPORARY TIMBER MATTING THROUGH ALL WETLAND AREAS WITHIN THE LIMITS OF DISTURBANCE HAS BEEN PREAPPROVED FOR CONTRACTOR CONSTRUCTION ACCESS.
2. SEE SOIL EROSION AND SEDIMENT CONTROL PLANS FOR LIMITS OF DISTURBANCE.
3. DETAILS DEPICTED ARE FOR INFORMATION ONLY. ALTERNATIVES TO TIMBER MATTING IN CONFORMANCE WITH APPLICABLE PERMIT CONDITIONS WILL BE ALLOWED UPON APPROVAL BY THE CONSTRUCTION MANAGER. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE MATERIAL NECESSARY TO ACCOMMODATE CONSTRUCTION EQUIPMENT AND ACTIVITIES.

6 of 11 TEMPORARY CONSTRUCTION

New Jersey Sports & Exposition Authority



NEW JERSEY DEPARTMENT OF TRANSPORTATION



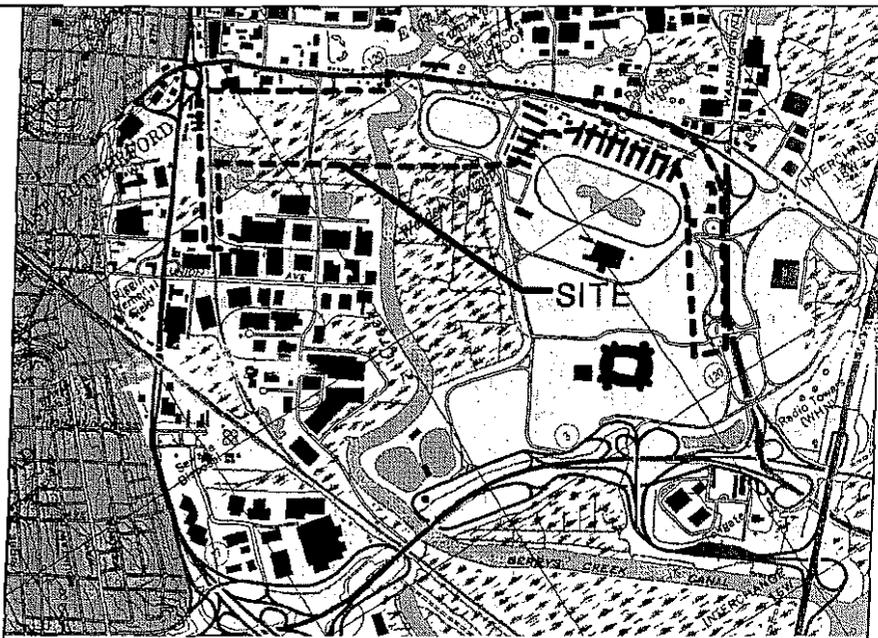
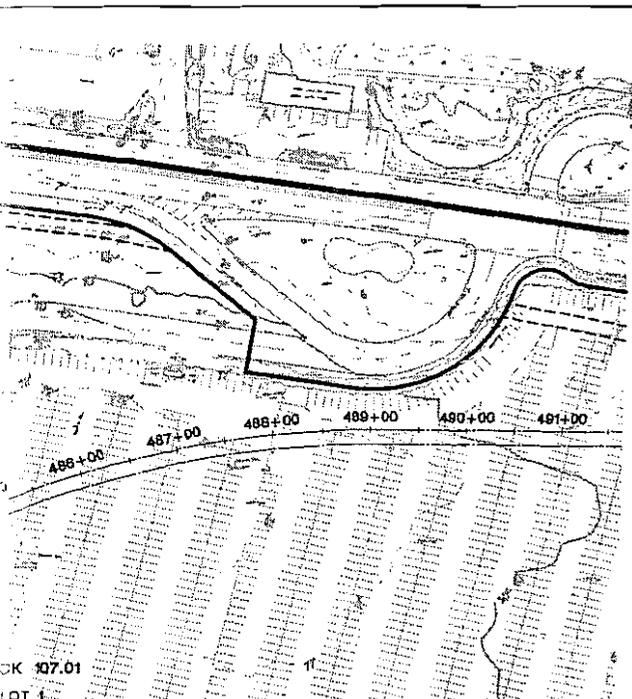
NJ TRANSIT
ONE PINE PLAZA EAST
NEWARK, NEW JERSEY 07102

DESIGNER:	GSO
DRAFTER:	BMV
CHECKER:	ABC
IN CHARGE:	GSO
ISSUE DATE:	04/25/06

ANDREW B. C.
N.J. PROFESSIONAL ENGINEER

No.	DATE	REVISION

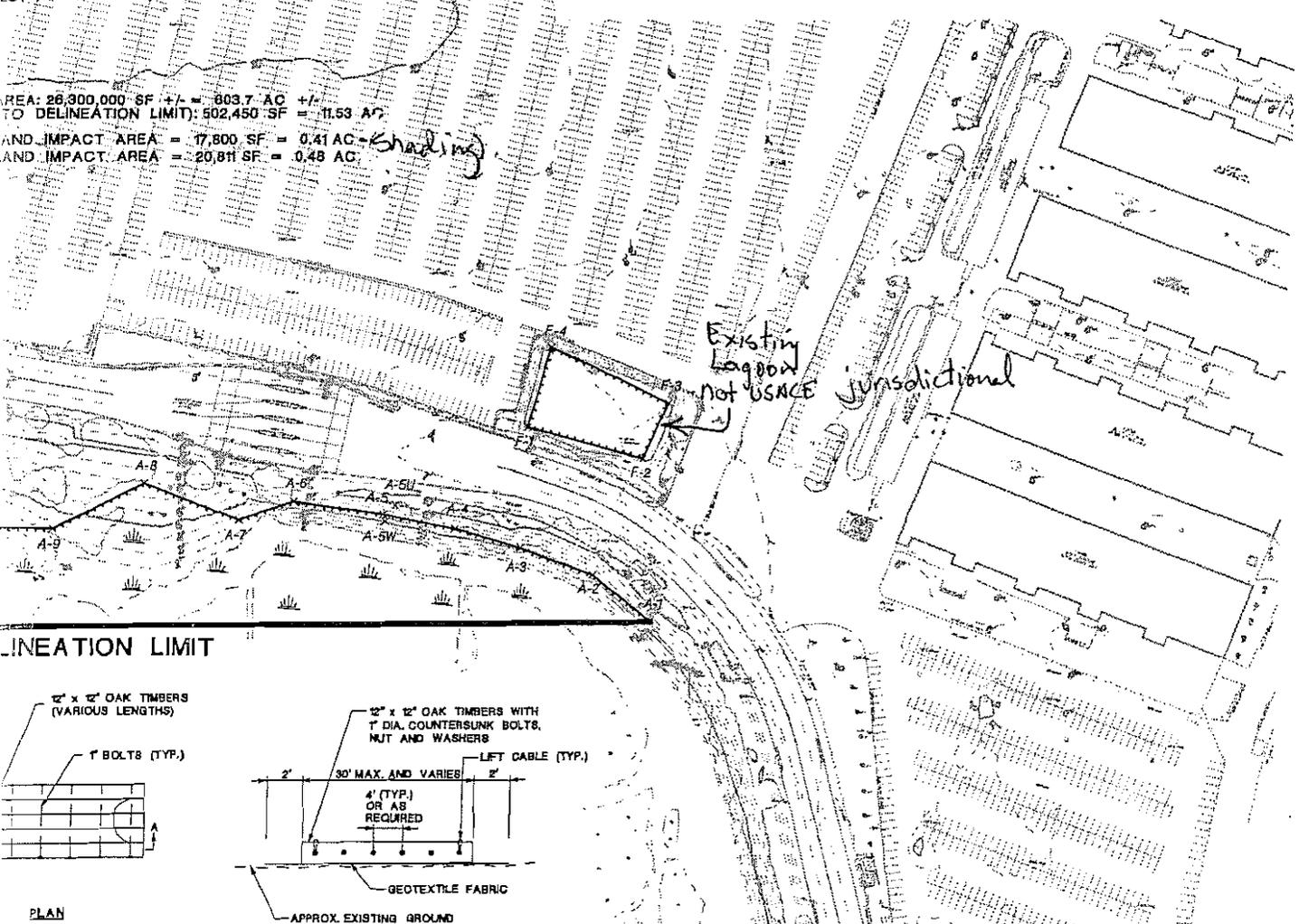
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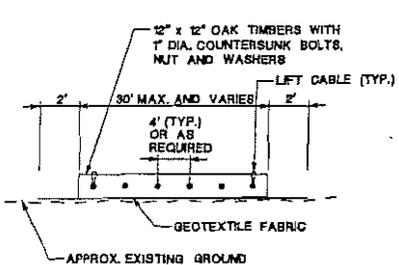
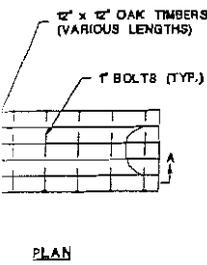
SITE LOCATION MAP

N.T.S.

AREA: 28,300,000 SF +/- = 603.7 AC +/-
 TO DELINEATION LIMIT: 502,450 SF = 11.53 AC
 AND IMPACT AREA = 17,800 SF = 0.41 AC
 AND IMPACT AREA = 20,811 SF = 0.48 AC



DELINEATION LIMIT



FIBER MATTING
 CROSS ROAD DETAIL

SECTION A-A



7 of 11

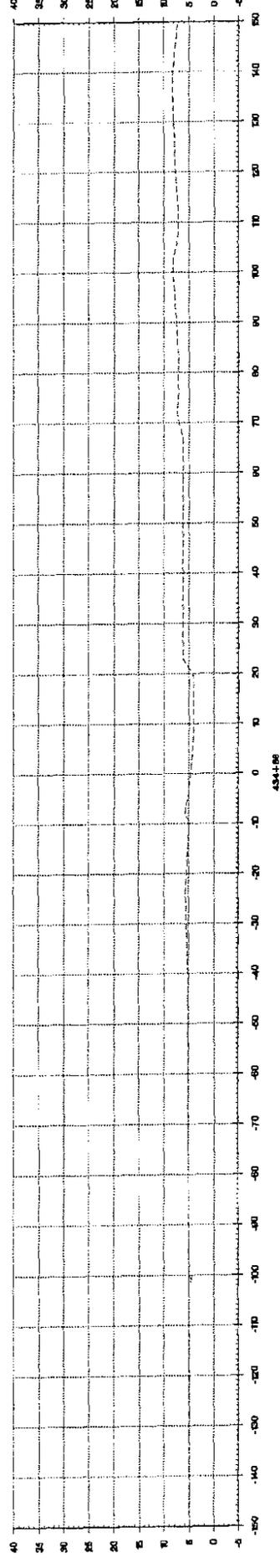
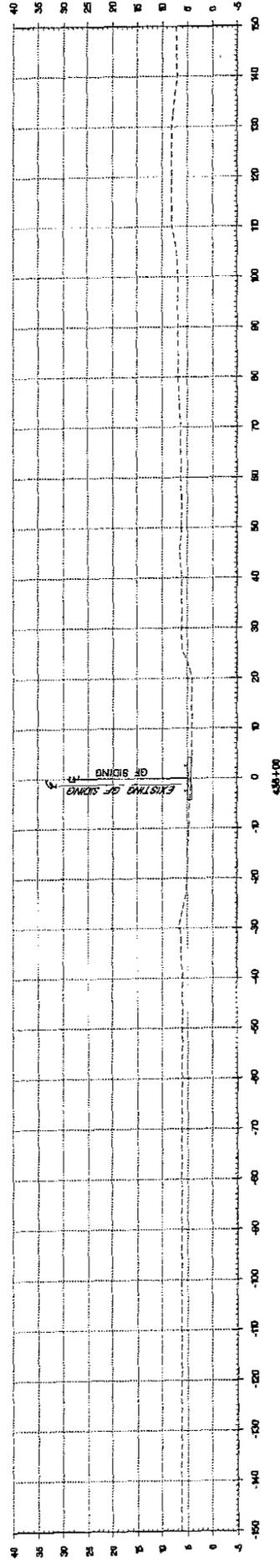
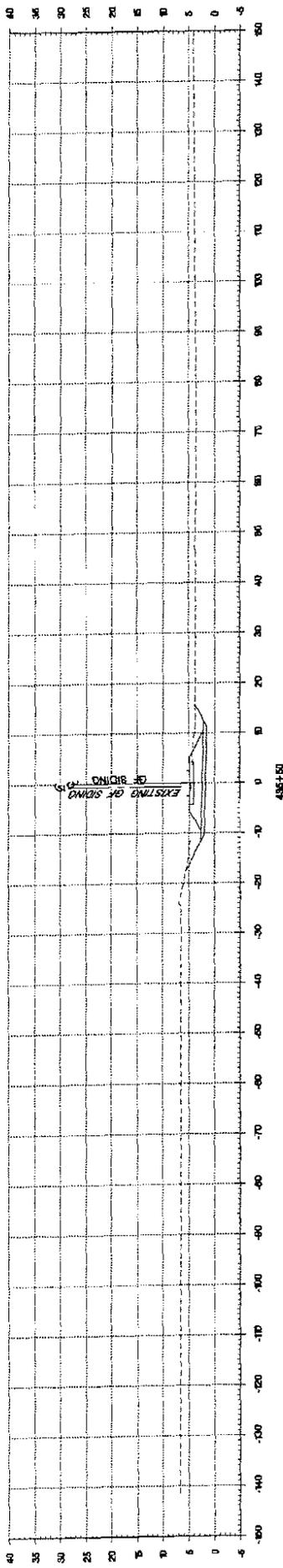
S. PE
 REG. LIC. No. 210204125600

Edwards and Kelcey
 299 Madison Avenue
 Morristown, New Jersey 07982
 Tel. 973-267-0555

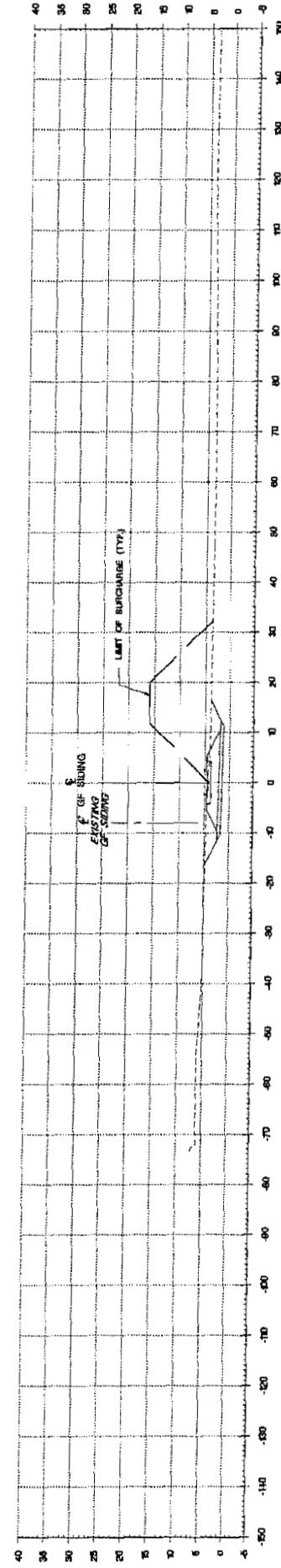
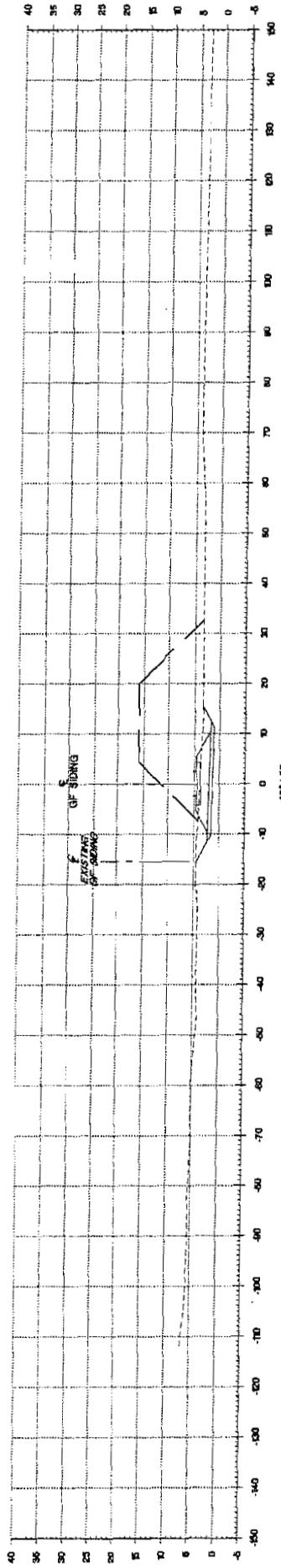
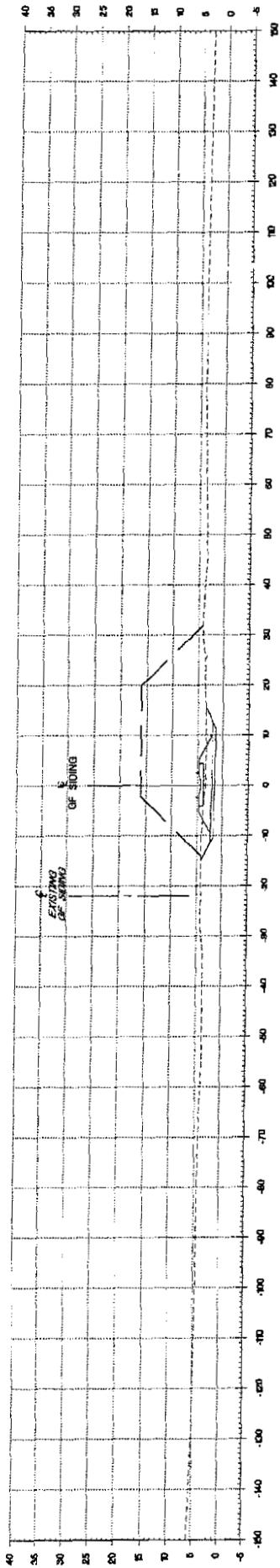
NU CERTIFICATE OF AUTHORIZATION No. 24CA28040530

MEADOWLANDS RAILROAD AND ROADWAY IMPROVEMENT PROJECT
 UNITED STATES ARMY CORPS OF ENGINEERS (NEW YORK DIST.)
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 LOT 1 IN BLOCK 107.01, LOT 5 IN BLOCK 105.02
 & LOT 8, 9, 13 & 14 IN BLOCK 105.01
 BOROUGH OF EAST RUTHERFORD, BERGEN COUNTY, NEW JERSEY

CONTRACT NO.:	
SCALE:	1"=100'
DRAWING NO.:	SP-02
SHEET NO.:	2 OF 4



 New Jersey Sports & Exposition Authority		 STATE DEPARTMENT OF TRANSPORTATION		 Edwards Engineering 1000 Route 207 Littleton, NJ 07643 Tel: 973-267-0033		PRIME CONSULTANT: Edwards Engineering		CONTRACT NO.: CH-156	
 NJ TRANSIT NEW JERSEY STATE RAILWAY		 STATE DEPARTMENT OF TRANSPORTATION		 Edwards Engineering		MEADOWLANDS RAILROAD AND ROADWAY IMPROVEMENT PROJECT		SCALE: 1" = 10' DRAWING NO.: CS-01 SHEET NO.: 488	
No. DATE REVISION		DESIGNER: KLL GRADER: KLL CHECKER: JTM IN CHARGE: RDS ISSUE DATE: 03/10/06		PROJECT NO.: 438+50 PROJECT NAME: MEADOWLANDS RAILROAD AND ROADWAY IMPROVEMENT PROJECT PROJECT LOCATION: STA. 434+66 TO STA. 438+50		CROSS SECTIONS GENERAL FORM SIDING		STA. 434+66 TO STA. 438+50	



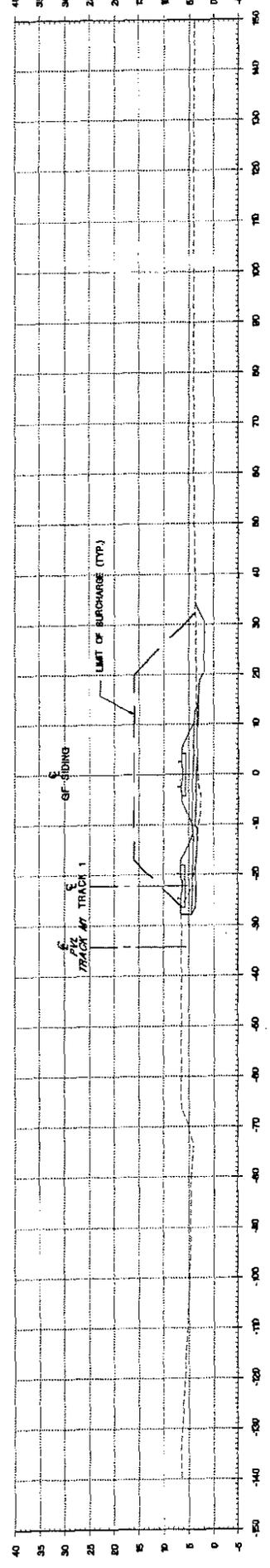
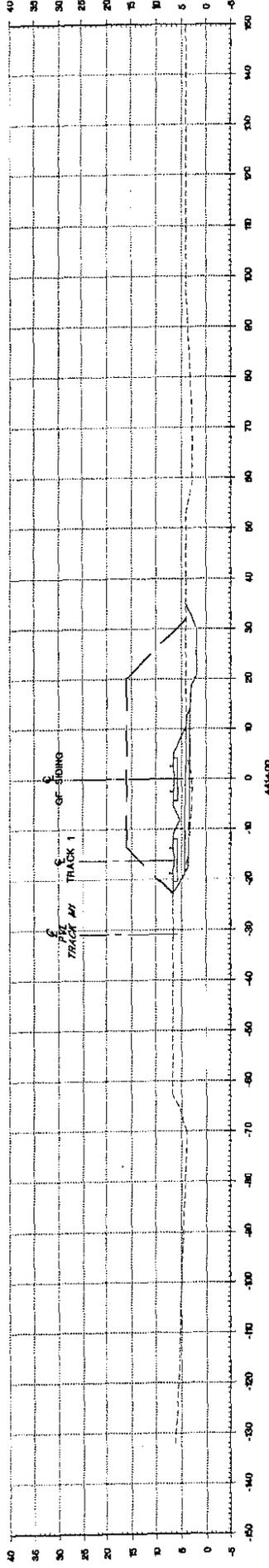
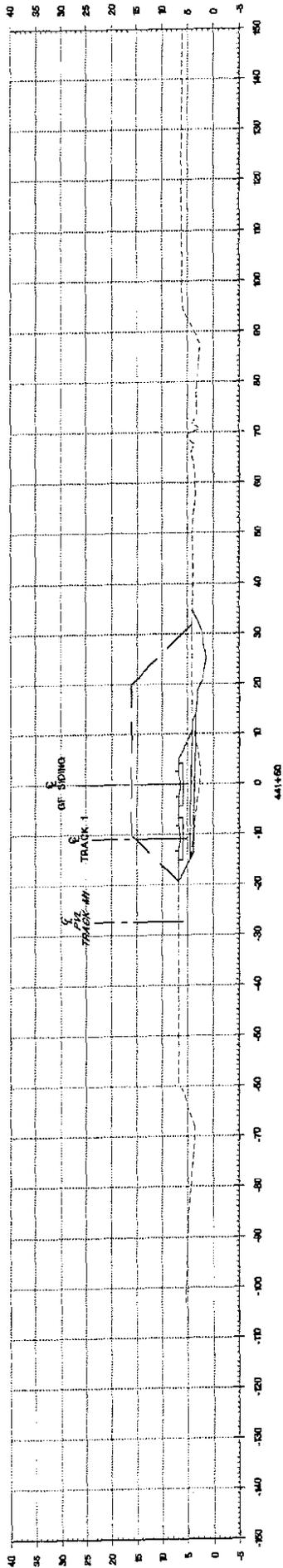
DESIGNER: KLL	IN CHARGE: REMSEN
DRAWN: KLL	DATE: 03/10/06
CHECKER: JTM	
ISSUE DATE: 03/10/06	

Neal C. Tozlik
 NEAL C. TOZLIK
 PROJECT MANAGER

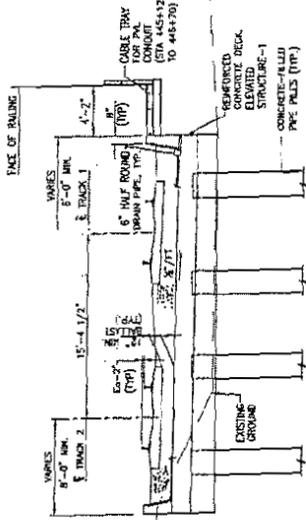
ENGINE CONSULTANT:
Edwards & Kelcey
 275 Building Avenue
 North Plainfield, New Jersey 07063
 Tel: 973-261-2020
 AN OFFICE OF AFFILIATION W. NUMBER 000000

MEADOWLANDS RAILROAD AND ROADWAY IMPROVEMENT PROJECT
 CROSS SECTIONS
 GENERAL FOAM SIDING
 STA. 436+00 TO STA. 437+00

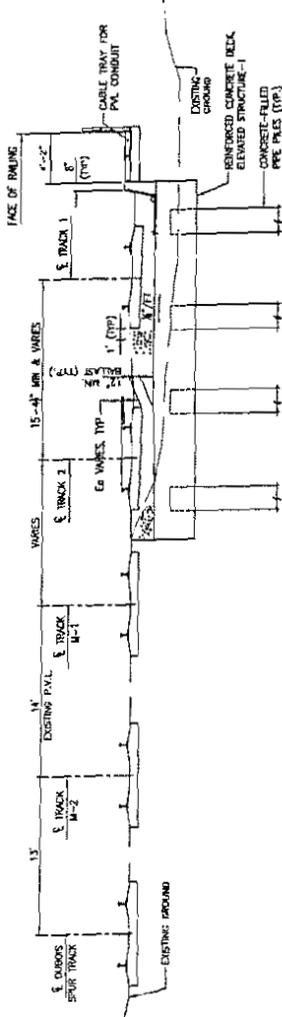
CONTRACT NO. CA-156
 SCALE 1"=10'
 DRAWING NO. CS-02
 SHEET NO. 410



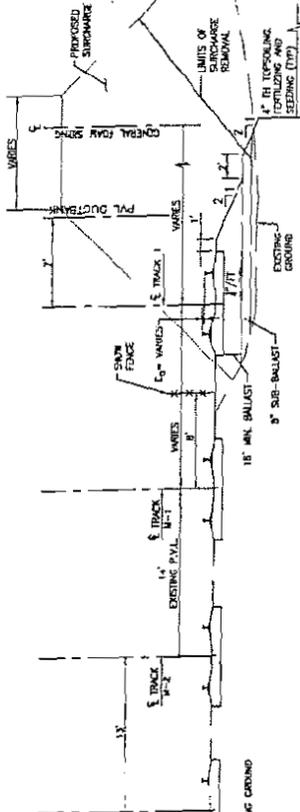
New Jersey Sports & Exposition Authority		NEW JERSEY STATE TRANSPORTATION		DESIGNER: KLL DRAWN BY: KLL CHECKED: JTM IN CHARGE: RDS ISSUE DATE: 03/10/06	
PRIME CONSULTANT: 100 Hudson Avenue Newark, NJ 07102-3700 TEL: 973-267-0000 FAX: 973-267-0000		No. DATE REVISION 		MEADOWLANDS RAILROAD AND ROADWAY IMPROVEMENT PROJECT CROSS SECTIONS TRACK 1 / GENERAL FOAM SIDING STA. 440+50 TO STA. 441+50	
CONTRACT NO.: CN-156 SCALE: 1"=10' DRAWING NO.: CS-05 SHEET NO.: 493		PROJECT NO.: 03-001 PROJECT NAME: MEADOWLANDS RAILROAD AND ROADWAY IMPROVEMENT PROJECT		PROJECT NO.: 03-001 PROJECT NAME: MEADOWLANDS RAILROAD AND ROADWAY IMPROVEMENT PROJECT	



STA. 444+40 TO 445+12 AT PASCACK VALLEY LINE



STA. 443+00 TO 444+40 AT PASCACK VALLEY LINE



STA. 438+25 TO 443+00 AT PASCACK VALLEY LINE

- TYPICAL SECTION GENERAL NOTES
1. REFER TO DRAWINGS FOR DETAILS OF ELEVATED STRUCTURES
 2. DIMENSIONS/SPACING - SEE CONSTRUCTION DETAILS - DIMENSION SURCHARGE
 3. EXISTING (ET OTHERS) - SEE PLANS FOR MUSA CONTRACT NO. CH-15A
 4. ALL DIMENSIONS AND SPACING AS SHOWN UNLESS OTHERWISE NOTED
 5. ALL SLEEPS 31 AND PLATES SHALL INCORPORATE STRAW MULCH
 6. ALL SLEEPS OTHER THAN 31 SHALL HAVE SOIL STABILIZATION MATTING (SHEET 20/2000) BY NORTH AMERICAN GREEN, OR APPROVED EQUAL.

 New Jersey Sports & Exposition Authority	 NJ TRANSIT	 NEW JERSEY DEPARTMENT OF TRANSPORTATION	DESIGNER	KILL	ISSUE DATE: 03/10/06
			DRAWER	WS	
 ESTIMATE'S ADVANTAGE			CHECKER	THJ	IN CHARGE: ROS
			NO.	DATE	
 RICHARD D. SORABINI			IN CHARGE OF PREPARATION: R. SORABINI		
HEADLANDS RAILROAD AND ROADWAY IMPROVEMENT PROJECT			CONTRACT NO.: CN-156		
TRACK TYPICAL SECTIONS - 1			SCALE: 1"=8'-0"		
DRAWING NO.: TRS-01			SHEET NO.: 80		