

JOINT PUBLIC NOTICE

March 24, 2014

United States Army
Corps of Engineers
New Orleans District
Regulatory Branch
Post Office Box 60267
New Orleans, LA 70160-0267

State of Louisiana
Department of Environmental Quality
Office of Environmental Services
Post Office Box 4313
Baton Rouge, LA 70821-4313

(504) 862-1879
Project Manager
Ms. Angelle Greer
Permit Application Number
MVN-2014-00147-WMM

(225) 219-3225
Project Manager
Elizabeth Johnson
WQC Application Number
WQC 140321-01

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to: [] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

Application has also been made to the Louisiana Department of Environmental Quality for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS 30:2074 A(3) and provisions of Section 401 of the Clean Water Act.

RAIL STORAGE YARD EXPANSION IN CALCASIEU PARISH

Name of applicant: Union Pacific Railway Corporation, c/o CH2M Hill, Attn: Blake Amos, 2112 Eleventh Avenue South, Suite 320, Birmingham, Alabama 35205

Location of work: 30.23828°N, 93.30865°W, in Westlake, Louisiana, in CALCASIEU Parish, as shown on the enclosed drawings.

Character of work: Place approximately 7,685 cubic yards of earthen material, 13,846 cubic yards of subballast, 22,315 cubic yards of ballast, and 12 cubic yards of rip-rap, all to facilitate construction of a rail storage yard expansion. Approximately 10.75 acres of unavoidable wetland impacts will be compensated for through the purchase of credits from an approved mitigation bank in the same hydrologic basin (HUC 08080206).

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close 20 days from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC request and must be mailed so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH. Individuals or parties may request an extension of time in which to comment on the proposed work by writing to the project manager or clicking on the project manager's name on the public notice grid on the web page. Any request must be specific and substantively supportive of the requested extension and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days.** Letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

Corps of Engineers Permit Criteria

The decision whether to issue a permit will be based on an evaluation of the probable impacts, 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 U.S. Army 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 U.S. Army Corps of Engineers to determine whether to make, 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 other public interest factors listed above.

Comments are used in the 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.

No properties listed on the National Register of Historic Places are near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Copies of this notice are being sent to the State Archeologist and the State Historic Preservation Officer.

Our initial finding is that the proposed work would neither affect any species listed as endangered by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of 0.0 acre(s) of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Department of Environmental Quality, Office of Environmental Services before a permit is issued.

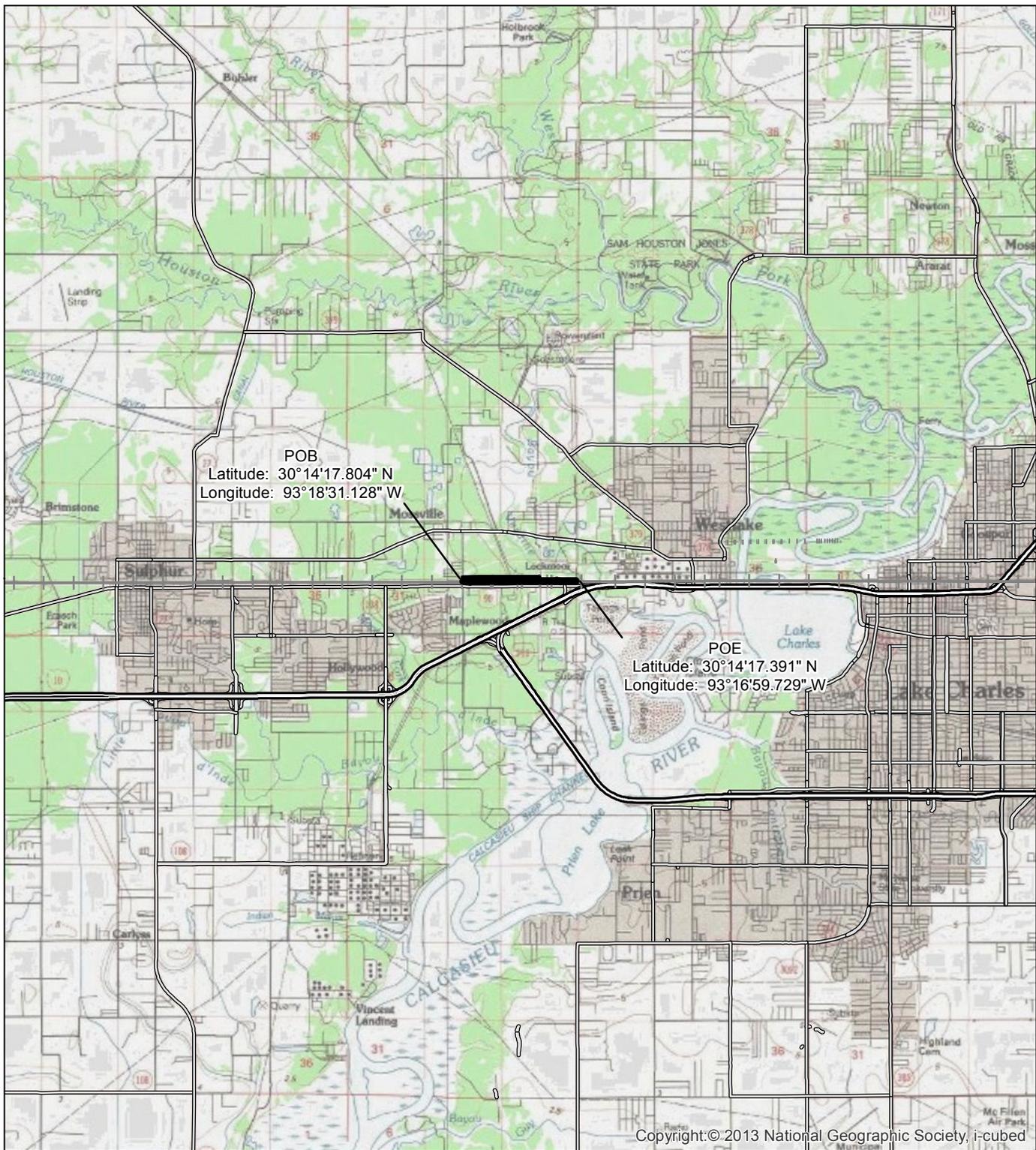
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

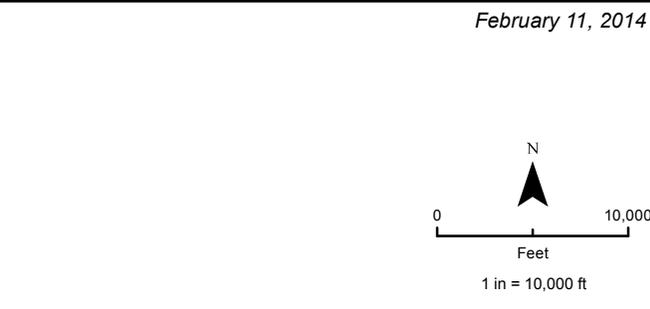
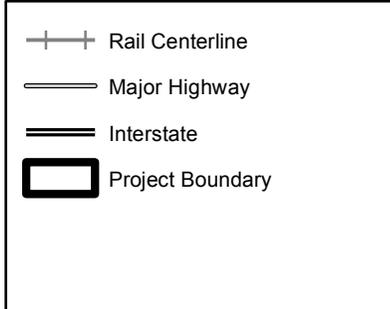
Darrell S. Barbara
Chief, Western Evaluation Section

Enclosures

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CH2MHILL

Vicinity Map
UPRR Lockmoor Yard Expansion,
Lafayette Subdivision MP 224.35 to MP 222.98

Figure 1
Sheet 1 of 13

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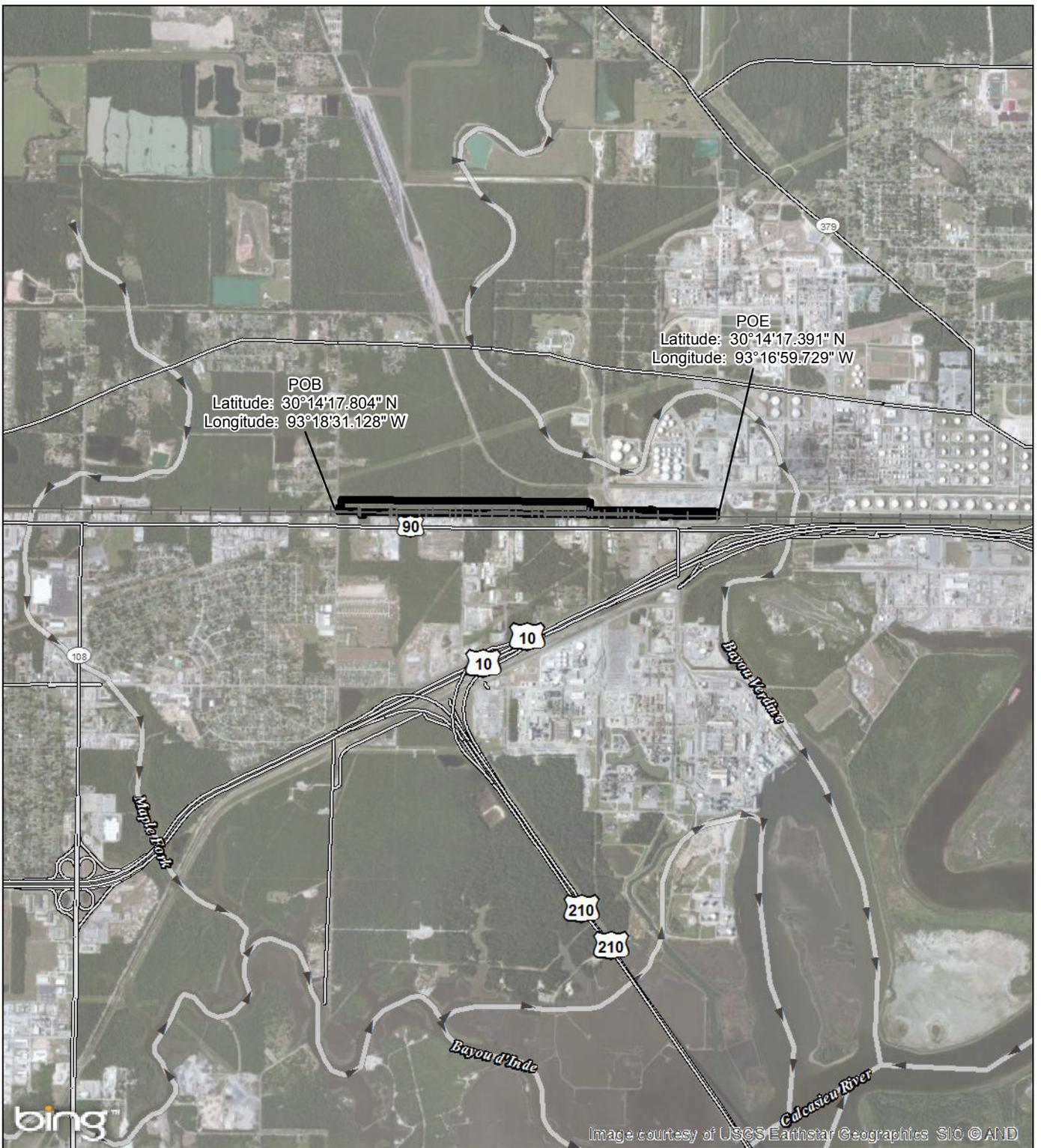


Image courtesy of USGS Earthstar Geographics. SIO © AND

	Rail Centerline	February 11, 2014
	Road Centerline	
	Surface Water and Flow Direction	
	Project Boundary	



Existing Conditions
UPRR Lockmoor Yard Expansion,
Lafayette Subdivision MP 224.35 to MP 222.98

Figure 1
Sheet 2 of 13

Calcasieu Parish

W16
 Permanent Impact: 0.05 ac
 Temporary Impact: 0.004 ac
 (322 cy) To be filled by
 proposed track, access road,
 and culvert construction

W17
 Permanent Impact: 0.70 ac
 Temporary Impact: 0.04 ac
 (4,073 cy) To be filled by
 proposed track and access
 road construction

S007
 Permanent Impact: 0.03 ac
 Temporary Impact: 0.006 ac
 (187 cy) To be filled by
 proposed track and access
 road construction

W15
 Permanent Impact: 0.68 ac
 Temporary Impact: 0.03 ac
 (3,911 cy) To be filled by
 proposed track, access road,
 and culvert construction

Pond 1
 Permanent Impact: 0.30 ac
 Temporary Impact: 0.001 ac
 (1,653 cy) To be filled by
 proposed track and access
 road construction

Proposed Culvert
 (See Sheet 12)

S005
 Permanent Impact: 0.47 ac
 Temporary Impact: 0.001 ac
 (2,598 cy) To be filled by
 proposed track and access
 road construction

W14
 Permanent Impact: 0.90 ac
 Temporary Impact: 0.03 ac
 (5,174 cy) To be filled by
 proposed track and access
 road construction

W18
 Temporary Impact: 0.02 ac
 (87 cy) To be filled by
 culvert construction

W19
 Temporary Impact: 0.01 ac
 (50 cy) To be filled by
 culvert construction

POB
 Latitude: 30°14'17.804" N
 Longitude: 93°18'31.128" W

Prater Road

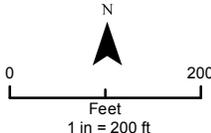
90 Napoleon St.

Wetland/WOUS Fill Substrates and Quantities		
Substrate	Wetland Fill Quantity (CY)	WOUS Fill Quantity (CY)
Earthen Fill	5626	1,416
Subballast Fill	10876	1,726
Ballast Fill	17946	2,316
Rip Rap Fill	0	12
Total:	34,448	5,470

Permanent and Temporary Wetland/WOUS Impacts		
Wetland/WOUS	Permanent Impact Acreage	Temporary Impact Acreage
Palustrine Needle-Leaved Deciduous Forested (PFO2)	4.86	0.18
Palustrine Broad-Leaved Deciduous Forested (PFO1)	0.14	0.02
Persistent Palustrine Emergent (PEM1)	0.23	0.06
Palustrine Broad-Leaved Deciduous Shrub-Scrub (PSS1)	0.71	0.11
Drainage Ditch/Ephemeral Stream	0.67	0.03
Manmade Pond	0.30	0.001
Total:	6.91	0.40

- Existing Right of Way
- Existing Track
- Existing Bridge
- Existing Culvert
- Existing Access Road
- Proposed Track
- Proposed Culvert
- Proposed Surface Flow
- Road Improvement
- Grading Limits
- Signal Case
- Road Centerline
- Potential Jurisdictional Waters of the U.S.
- Potential Jurisdictional Wetlands
- Pond
- Permanent Workspace
- Temporary Workspace

February 11, 2014



Plan View
 UPRR Lockmoor Yard Expansion,
 Lafayette Subdivision MP 224.35 to MP 222.98

Figure 1
 Sheet 3 of 13

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Calcasieu Parish

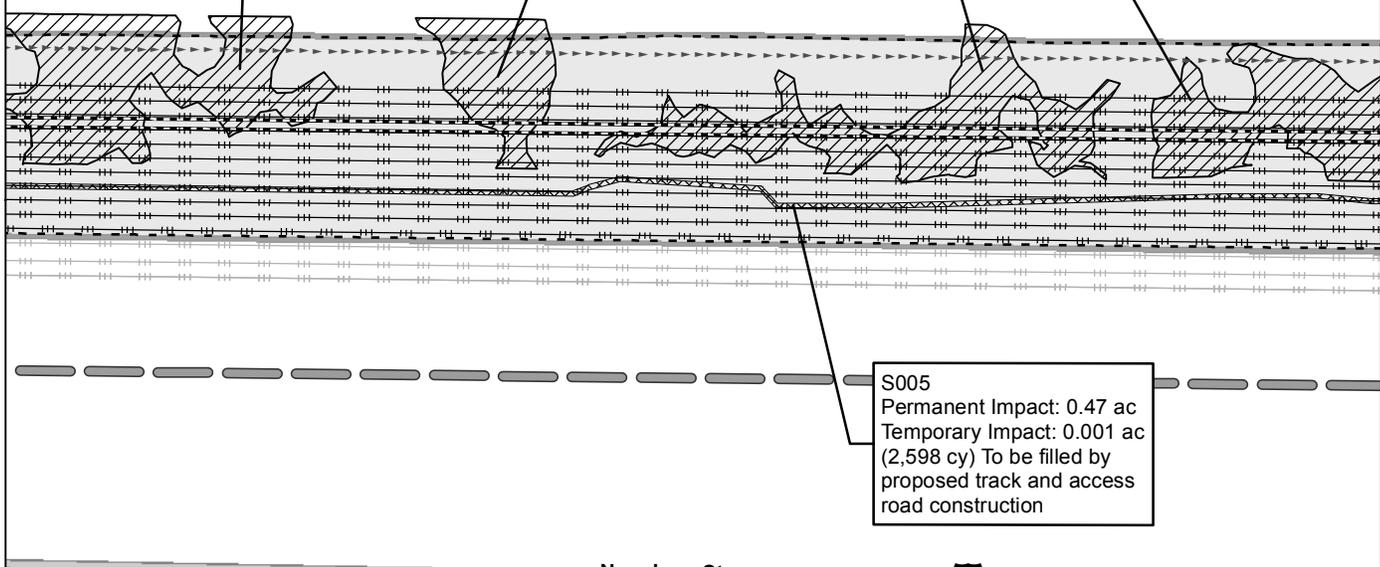
W14
 Permanent Impact: 0.90 ac
 Temporary Impact: 0.03 ac
 (5,174 cy) To be filled by
 proposed track and access
 road construction

W11
 Permanent Impact: 1.54 ac
 Temporary Impact: 0.03 ac
 (8,496 cy) To be filled by
 proposed track and access
 road construction

W12
 Permanent Impact: 0.64 ac
 Temporary Impact: 0.01 ac
 (3,531 cy) To be filled by
 proposed track and access
 road construction

W13
 Permanent Impact: 0.25 ac
 Temporary Impact: 0.01 ac
 (1,447 cy) To be filled by
 proposed track and access
 road construction

S005
 Permanent Impact: 0.47 ac
 Temporary Impact: 0.001 ac
 (2,598 cy) To be filled by
 proposed track and access
 road construction

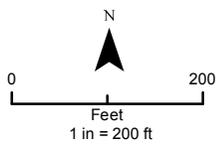


Wetland/WOUS Fill Substrates and Quantities		
Substrate	Wetland Fill Quantity (CY)	WOUS Fill Quantity (CY)
Earthen Fill	5626	1,416
Subballast Fill	10876	1,726
Ballast Fill	17946	2,316
Rip Rap Fill	0	12
Total:	34,448	5,470

Permanent and Temporary Wetland/WOUS Impacts		
Wetland/WOUS	Permanent Impact Acreage	Temporary Impact Acreage
Palustrine Needle-Leaved Deciduous Forested (PFO2)	4.86	0.18
Palustrine Broad-Leaved Deciduous Forested (PFO1)	0.14	0.02
Persistent Palustrine Emergent (PEM1)	0.23	0.06
Palustrine Broad-Leaved Deciduous Shrub-Scrub (PSS1)	0.71	0.11
Drainage Ditch/Ephemeral Stream	0.67	0.03
Manmade Pond	0.30	0.001
Total:	6.91	0.40

Existing Right of Way	Grading Limits
Existing Track	Signal Case
Existing Bridge	Road Centerline
Existing Culvert	Potential Jurisdictional Waters of the U.S.
Existing Access Road	Potential Jurisdictional Wetlands
Proposed Track	Pond
Proposed Culvert	Permanent Workspace
Proposed Surface Flow	Temporary Workspace
Road Improvement	

February 11, 2014



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Plan View
UPRR Lockmoor Yard Expansion,
Lafayette Subdivision MP 224.35 to MP 222.98

Figure 1
Sheet 4 of 13

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Calcasieu Parish

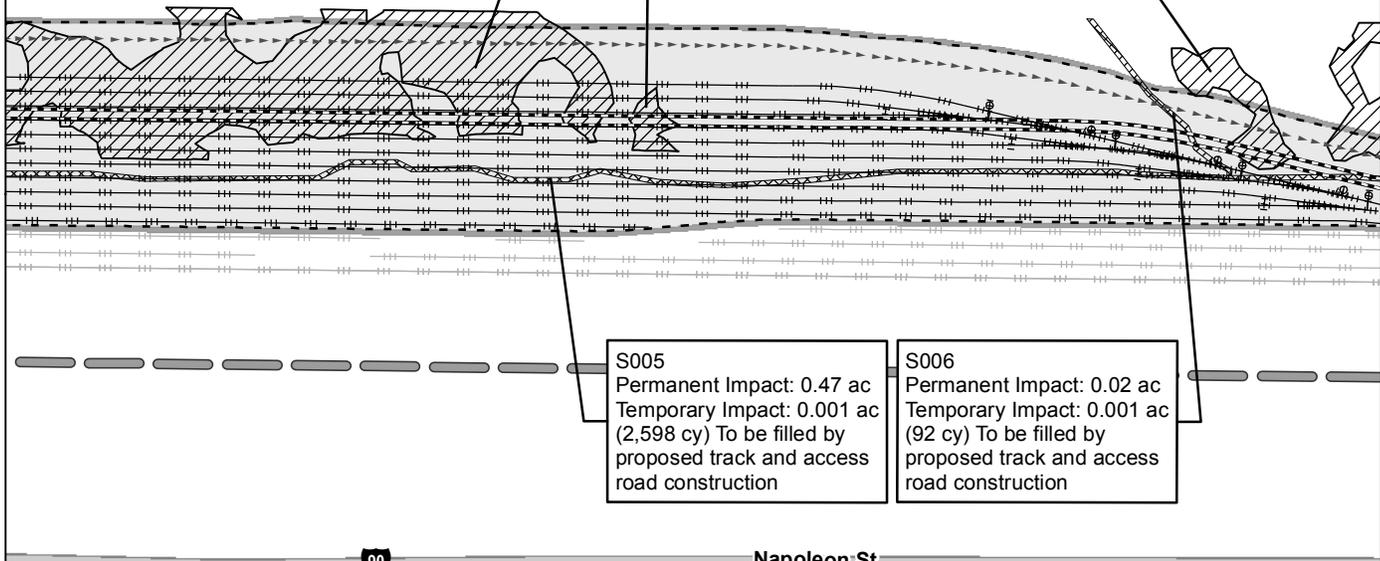
W11
 Permanent Impact: 1.54 ac
 Temporary Impact: 0.03 ac
 (8,496 cy) To be filled by proposed track and access road construction

W10
 Permanent Impact: 0.06 ac
 Temporary Impact: 0.01 ac
 (341 cy) To be filled by proposed track and access road construction

W20
 Permanent Impact: 0.04 ac
 (221 cy) To be filled by proposed track and access road construction

S005
 Permanent Impact: 0.47 ac
 Temporary Impact: 0.001 ac
 (2,598 cy) To be filled by proposed track and access road construction

S006
 Permanent Impact: 0.02 ac
 Temporary Impact: 0.001 ac
 (92 cy) To be filled by proposed track and access road construction



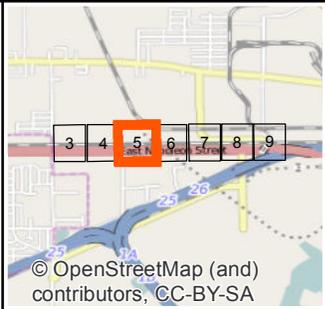
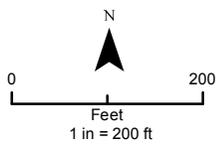
90 Napoleon St.

Wetland/WOUS Fill Substrates and Quantities		
Substrate	Wetland Fill Quantity (CY)	WOUS Fill Quantity (CY)
Earthen Fill	5626	1,416
Subballast Fill	10876	1,726
Ballast Fill	17946	2,316
Rip Rap Fill	0	12
Total:	34,448	5,470

Permanent and Temporary Wetland/WOUS Impacts		
Wetland/WOUS	Permanent Impact Acreage	Temporary Impact Acreage
Palustrine Needle-Leaved Deciduous Forested (PFO2)	4.86	0.18
Palustrine Broad-Leaved Deciduous Forested (PFO1)	0.14	0.02
Persistent Palustrine Emergent (PEM1)	0.23	0.06
Palustrine Broad-Leaved Deciduous Shrub-Scrub (PSS1)	0.71	0.11
Drainage Ditch/Ephemeral Stream	0.67	0.03
Manmade Pond	0.30	0.001
Total:	6.91	0.40

- Existing Right of Way
- Existing Track
- Existing Bridge
- Existing Culvert
- Existing Access Road
- Proposed Track
- Proposed Culvert
- Proposed Surface Flow
- Road Improvement
- Grading Limits
- Signal Case
- Road Centerline
- Potential Jurisdictional Waters of the U.S.
- Potential Jurisdictional Wetlands
- Pond
- Permanent Workspace
- Temporary Workspace

February 11, 2014



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Plan View
 UPRR Lockmoor Yard Expansion,
 Lafayette Subdivision MP 224.35 to MP 222.98

Figure 1
 Sheet 5 of 13

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Calcasieu Parish

W9
 Permanent Impact: 0.05 ac
 Temporary Impact: 0.01 ac
 (323 cy) To be filled by
 proposed track and access
 road construction

W6
 Temporary Impact: 0.0002 ac
 (1 cy) To be filled by slope
 embankment construction

W8
 Permanent Impact: 0.01 ac
 Temporary Impact: 0.01 ac
 (110 cy) To be filled by
 proposed track and access
 road construction

W7
 No Impacts

S005
 Permanent Impact: 0.47 ac
 Temporary Impact: 0.001 ac
 (2,598 cy) To be filled by
 proposed track and access
 road construction

Napoleon St.

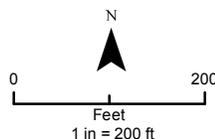


Wetland/WOUS Fill Substrates and Quantities		
Substrate	Wetland Fill Quantity (CY)	WOUS Fill Quantity (CY)
Earthen Fill	5626	1,416
Subballast Fill	10876	1,726
Ballast Fill	17946	2,316
Rip Rap Fill	0	12
Total:	34,448	5,470

Permanent and Temporary Wetland/WOUS Impacts		
Wetland/WOUS	Permanent Impact Acreage	Temporary Impact Acreage
Palustrine Needle-Leaved Deciduous Forested (PFO2)	4.86	0.18
Palustrine Broad-Leaved Deciduous Forested (PFO1)	0.14	0.02
Persistent Palustrine Emergent (PEM1)	0.23	0.06
Palustrine Broad-Leaved Deciduous Shrub-Scrub (PSS1)	0.71	0.11
Drainage Ditch/Ephemeral Stream	0.67	0.03
Manmade Pond	0.30	0.001
Total:	6.91	0.40

- Existing Right of Way
- Grading Limits
- Existing Track
- Signal Case
- Existing Bridge
- Road Centerline
- Existing Culvert
- Potential Jurisdictional Waters of the U.S.
- Existing Access Road
- Potential Jurisdictional Wetlands
- Proposed Track
- Pond
- Proposed Culvert
- Permanent Workspace
- Temporary Workspace
- Proposed Surface Flow
- Road Improvement

February 11, 2014



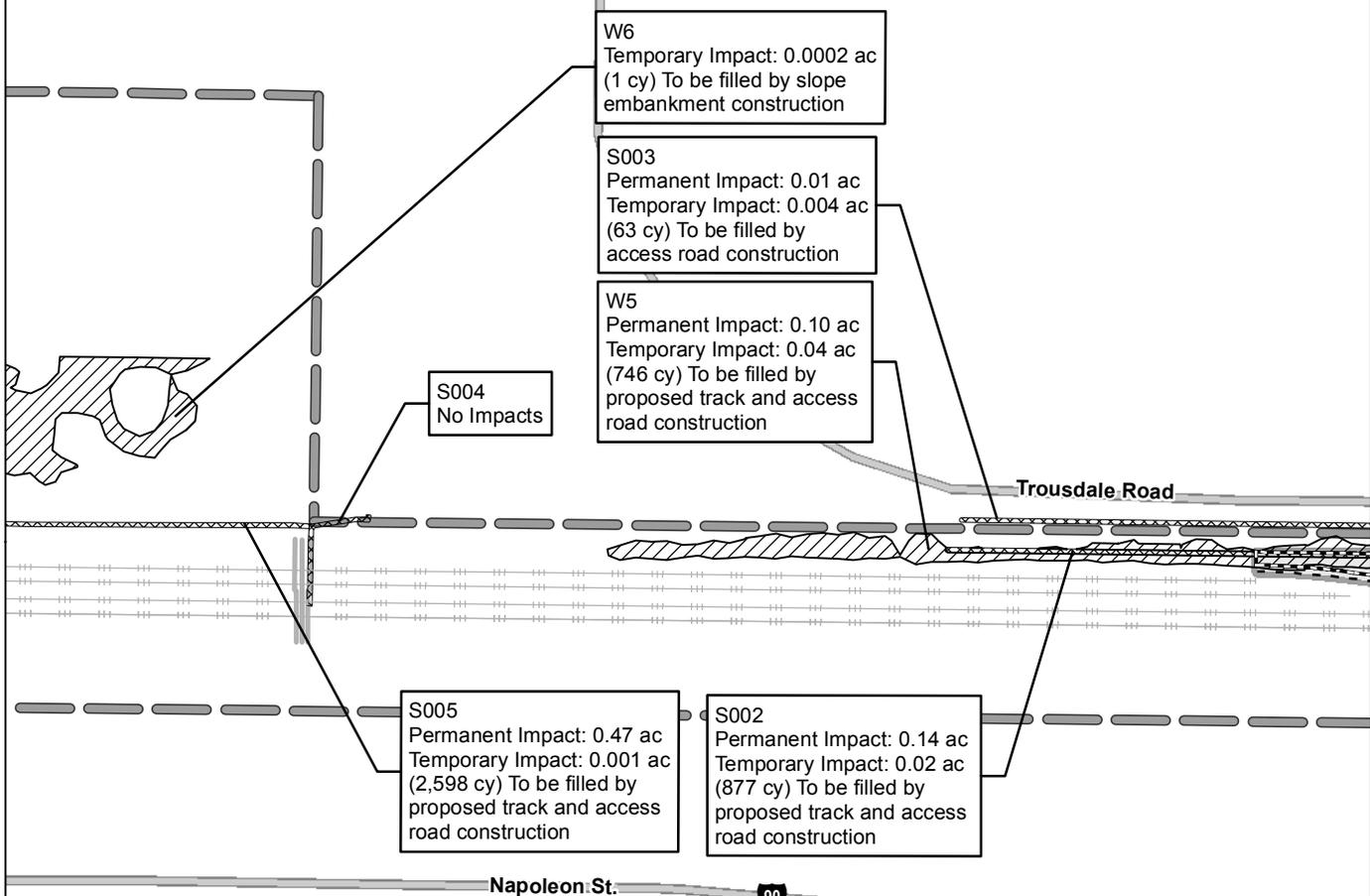
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Plan View UPRR Lockmoor Yard Expansion, Lafayette Subdivision MP 224.35 to MP 222.98

Figure 1
 Sheet 6 of 13

Calcasieu Parish

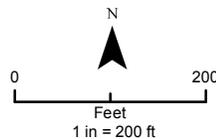


Wetland/WOUS Fill Substrates and Quantities		
Substrate	Wetland Fill Quantity (CY)	WOUS Fill Quantity (CY)
Earthen Fill	5626	1,416
Subballast Fill	10876	1,726
Ballast Fill	17946	2,316
Rip Rap Fill	0	12
Total:	34,448	5,470

Permanent and Temporary Wetland/WOUS Impacts		
Wetland/WOUS	Permanent Impact Acreage	Temporary Impact Acreage
Palustrine Needle-Leaved Deciduous Forested (PFO2)	4.86	0.18
Palustrine Broad-Leaved Deciduous Forested (PFO1)	0.14	0.02
Persistent Palustrine Emergent (PEM1)	0.23	0.06
Palustrine Broad-Leaved Deciduous Shrub-Scrub (PSS1)	0.71	0.11
Drainage Ditch/Ephemeral Stream	0.67	0.03
Manmade Pond	0.30	0.001
Total:	6.91	0.40

- Existing Right of Way
- Existing Track
- Existing Bridge
- Existing Culvert
- Existing Access Road
- Proposed Track
- Proposed Culvert
- Proposed Surface Flow
- Road Improvement
- Grading Limits
- Signal Case
- Road Centerline
- Potential Jurisdictional Waters of the U.S.
- Potential Jurisdictional Wetlands
- Pond
- Permanent Workspace
- Temporary Workspace

February 11, 2014



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Plan View
UPRR Lockmoor Yard Expansion,
Lafayette Subdivision MP 224.35 to MP 222.98

Figure 1
Sheet 7 of 13

Calcasieu Parish

W2
 Permanent Impact: 0.14 ac
 Temporary Impact: 0.02 ac
 (900 cy) To be filled by
 proposed track and access
 road construction

W4
 Permanent Impact: 0.01 ac
 Temporary Impact: 0.02 ac
 (139 cy) To be filled by
 access road construction

S002
 Permanent Impact: 0.14 ac
 Temporary Impact: 0.02 ac
 (877 cy) To be filled by
 proposed track and access
 road construction

Proposed Culvert
 (See Sheet 12)

W3
 Permanent Impact: 0.61 ac
 Temporary Impact: 0.05 ac
 (3,606 cy) To be filled by
 proposed track and access
 road construction

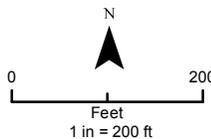
Napoleon St.

Wetland/WOUS Fill Substrates and Quantities		
Substrate	Wetland Fill Quantity (CY)	WOUS Fill Quantity (CY)
Earthen Fill	5626	1,416
Subballast Fill	10876	1,726
Ballast Fill	17946	2,316
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- Existing Right of Way
- Grading Limits
- Existing Track
- Signal Case
- Existing Bridge
- Road Centerline
- Existing Culvert
- Potential Jurisdictional Waters of the U.S.
- Existing Access Road
- Potential Jurisdictional Wetlands
- Proposed Track
- Pond
- Proposed Culvert
- Permanent Workspace
- Temporary Workspace
- Proposed Surface Flow
- Road Improvement

February 11, 2014



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Plan View
 UPRR Lockmoor Yard Expansion,
 Lafayette Subdivision MP 224.35 to MP 222.98

Figure 1
 Sheet 8 of 13

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Calcasieu Parish

W2
 Permanent Impact: 0.14 ac
 Temporary Impact: 0.02 ac
 (900 cy) To be filled by
 proposed track and access
 road construction

S003
 Permanent Impact: 0.01 ac
 Temporary Impact: 0.004 ac
 (63 cy) To be filled by
 access road construction

S001
 No Impacts

POE
 Latitude: 30°14'17.391" N
 Longitude: 93°16'59.729" W

Trousdale Road

W1
 Permanent Impact: 0.17 ac
 Temporary Impact: 0.03 ac
 (1,108 cy) To be filled by
 proposed track and access
 road construction

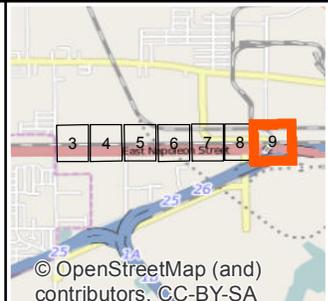
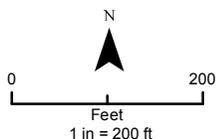
Napoleon St.

Wetland/WOUS Fill Substrates and Quantities		
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Subballast Fill	10876	1,726
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Persistent Palustrine Emergent (PEM1)	0.23	0.06
Palustrine Broad-Leaved Deciduous Shrub-Scrub (PSS1)	0.71	0.11
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Manmade Pond	0.30	0.001
Total:	6.91	0.40

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- Potential Jurisdictional Waters of the U.S.
- Potential Jurisdictional Wetlands
- Pond
- Permanent Workspace
- Temporary Workspace

February 11, 2014



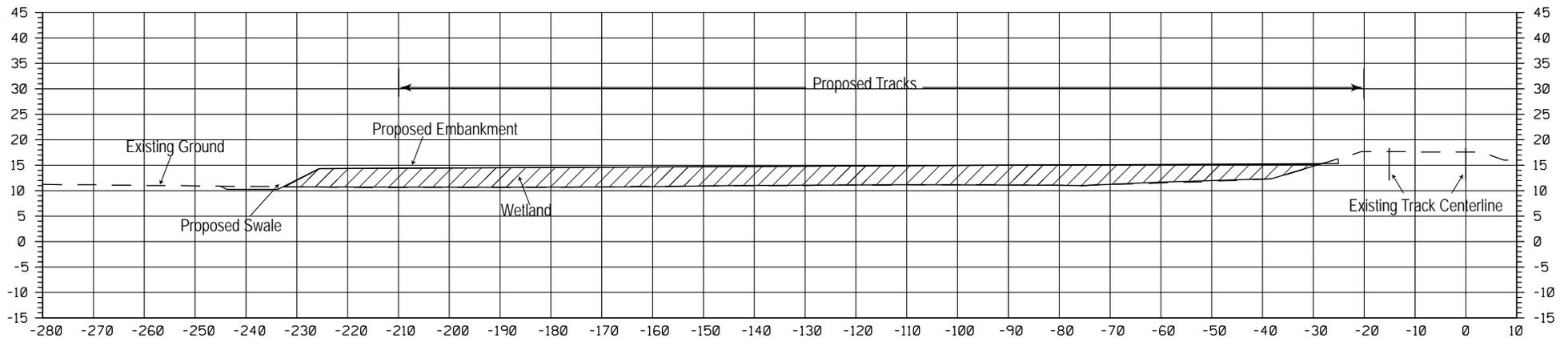
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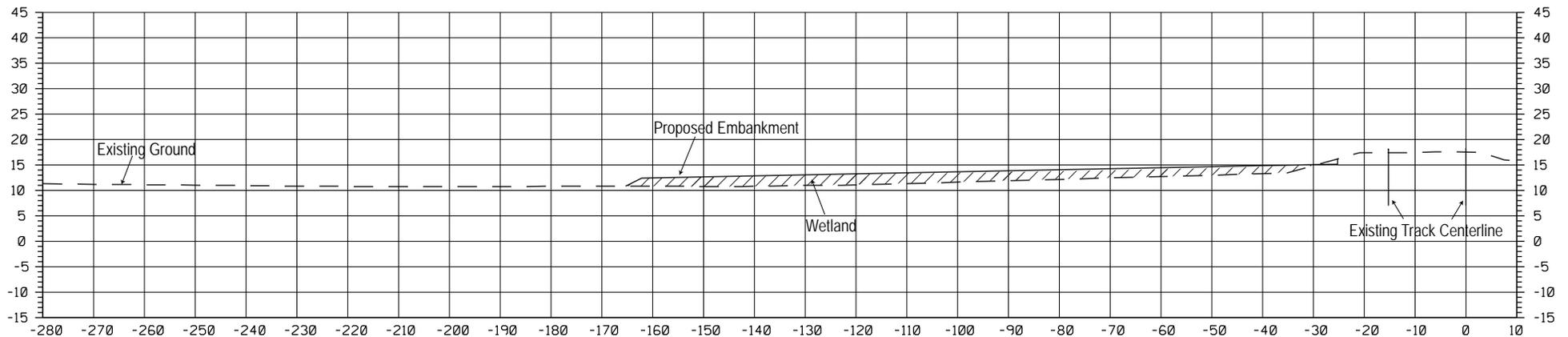
Plan View
 UPRR Lockmoor Yard Expansion,
 Lafayette Subdivision MP 224.35 to MP 222.98

Figure 1
 Sheet 9 of 13

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TYPICAL EMBANKMENT SECTION - SWALE REQUIRED



TYPICAL EMBANKMENT SECTION - SWALE NOT REQUIRED

POST-CONSTRUCTION DRAINAGE FLOW CASES.

1. **EXISTING SHEETFLOW AWAY FROM TRACKS WITH NO EXISTING SWALE:**
 PROPOSED EMBANKMENT PROVIDES SHEET FLOW AWAY FROM TRACKS MATCHING EXISTING DRAINAGE CONDITION. NO SWALE REQUIRED PER HYDROLOGY AND HYDRAULICS ANALYSIS.

2. **PROPOSED GRADING IMPACTING EXISTING SWALE**
 PROPOSED EMBANKMENT LOCATED WITHIN LIMITS OF EXISTING SWALE REQUIRES PROPOSED SWALE TO BE RELOCATED ALONG THE OUTSIDE OF PROPOSED EMBANKMENT SLOPE. PROPOSED SWALE SIZED ACCORDING TO CALCULATIONS PER HYDROLOGY AND HYDRAULICS ANALYSIS.



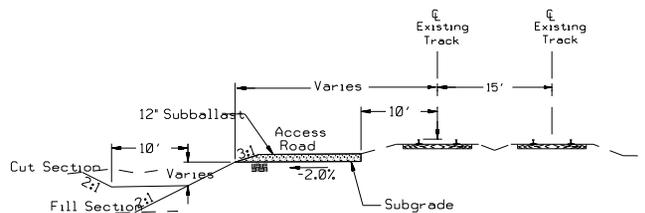
UNION PACIFIC RAILROAD

Office of AVP Engineering Design/Construction

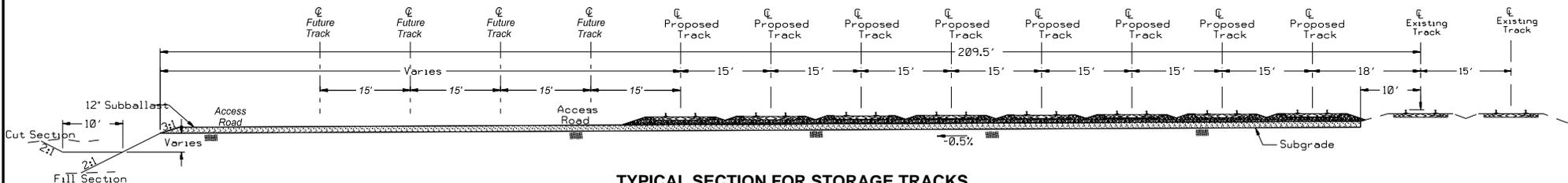
UPRR LOCKMOOR YARD EXPANSION PROJECT

**TYPICAL CROSS SECTION
 THROUGH WETLANDS
 SHEET 10 of 13**

FEBRUARY 11, 2014



TYPICAL SECTION FOR ACCESS ROAD



TYPICAL SECTION FOR STORAGE TRACKS



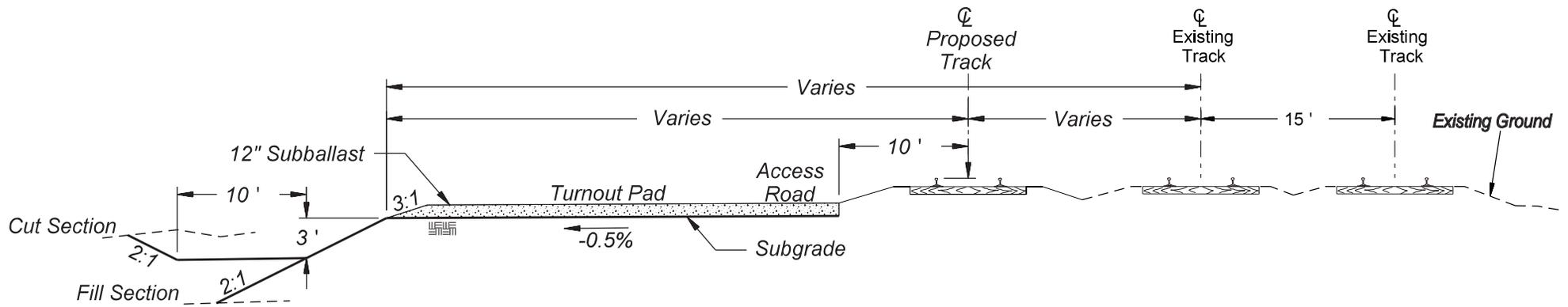
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FEBRUARY 11, 2014

TYPICAL TRACK CROSS SECTION
SHEET 11 of 13



TYPICAL SECTION FOR STORAGE TRACK



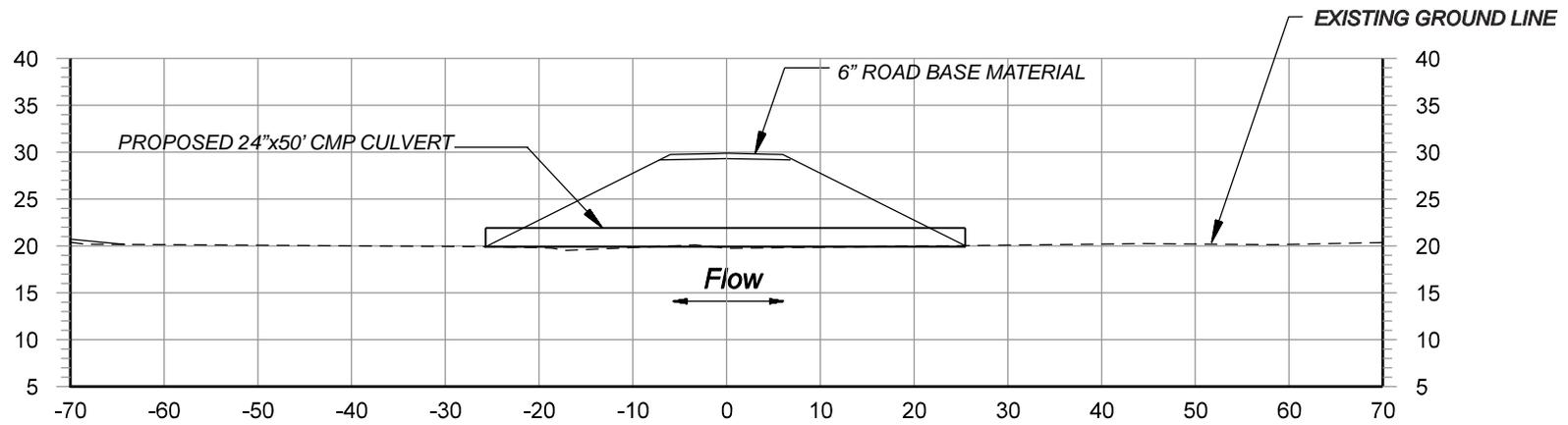
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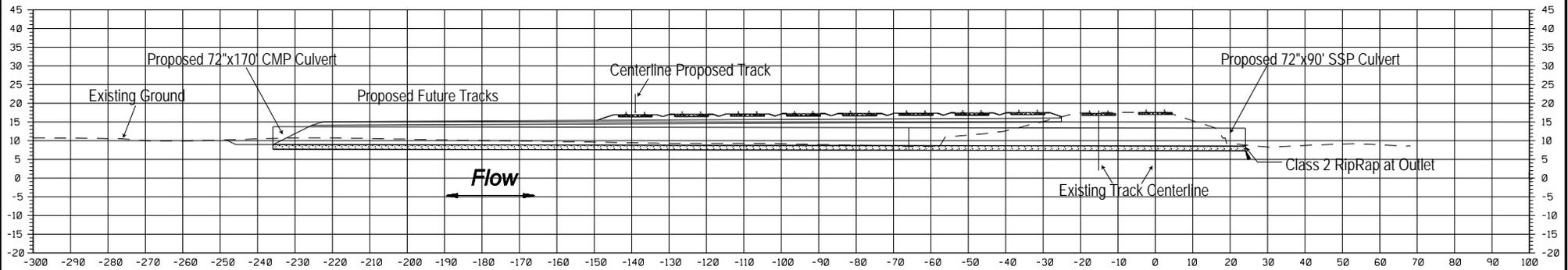
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TYPICAL TRACK CROSS SECTION
SHEET 12 of 13



DRIVEWAY CULVERT SECTION



CULVERT 224.26 SECTION



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**CULVERT CROSS SECTION
SHEET 13 of 13**