

Figure 1. Site Vicinity Map  
Proposed CSXT Casky Inspection Yard  
Milepost 00H 229.72 to 00H 234.84  
Christian County, KY  
Nashville Division - Henderson Subdivision

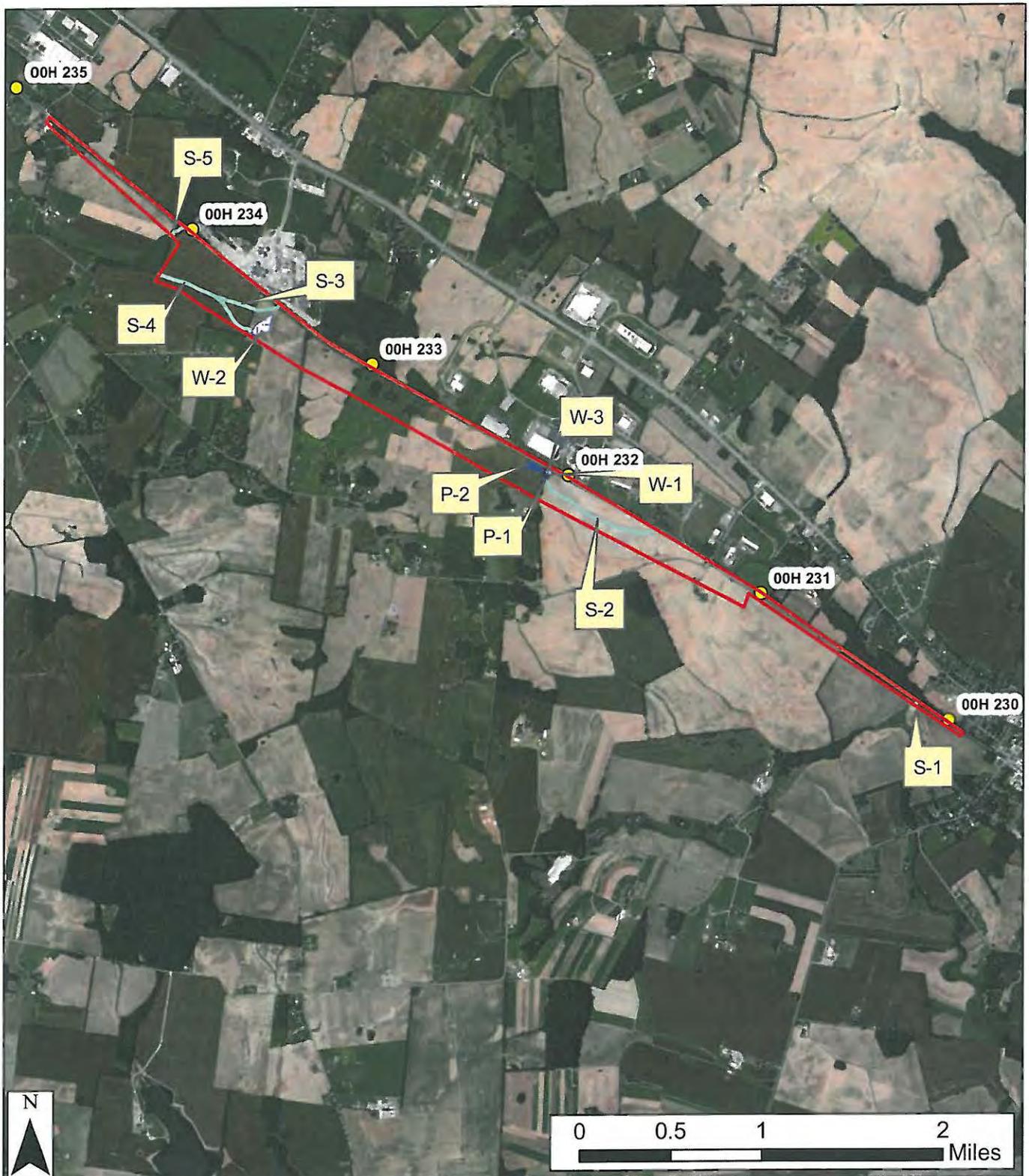
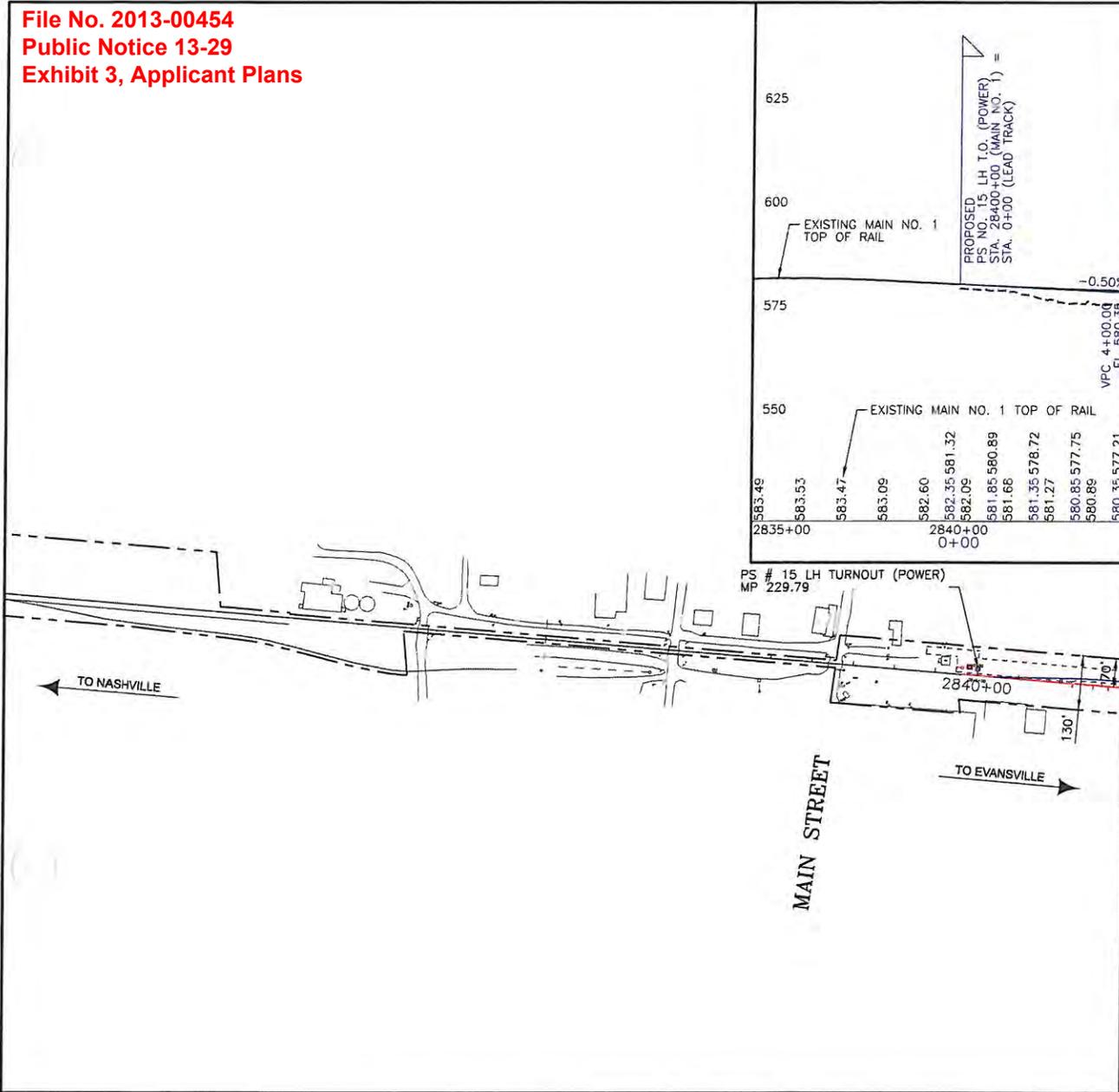


Figure 5. Delineated Features  
Proposed CSXT Casky Inspection Railyard  
Milepost 00H 229.72 to 00H 234.84  
Christian County, KY  
Nashville Division - Henderson Subdivision

**Tran** Systematics  
 4500 SALISBURY ROAD  
 SUITE 440  
 JACKSONVILLE, FL 32216  
 PHONE: 904-245-6500  
 FAX: 904-245-6510



CONSULTANTS:

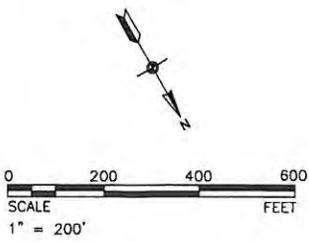
CASKY INSPECTION YARD  
 CHRISTIAN COUNTY, KY



**TERMINAL CAPACITY**

TRACK	PROPOSED - PHASE 1				
	GROSS LENGTH (TF)	TURNOUT (EA)	NET LENGTH (TF)	CAPACITY CLEAR LENGTH	CAR COUNT (53')
SOUTH LEAD TRACK	10,080	1-#15 1-DERAIL	9,766	7,190	135
RUN-AROUND TRACK	6,664	-	6,204	-	-
NORTH LEAD TRACK	9,942	1-#15 1-DERAIL	9,053	6,117	115
WYE TRACK NO. 1	1,087	2 #10	857	-	-
WYE TRACK NO. 2	1,641	1 #10	1,411	646	12
REPAIR TRACK	1,260	2 #10	1,030	916	17
CROSSOVER NO. 1	-	-	-	-	-
CROSSOVER NO. 2	-	-	-	-	-
INSPECTION TRACK NO. 1	11,305	2 #10	10,845	10,229	193
INSPECTION TRACK NO. 2	10,402	2 #10	10,172	10,039	189
INSPECTION TRACK NO. 3	10,402	2 #10	10,172	10,039	189
INSPECTION TRACK NO. 4	10,760	2 #10	10,415	10,039	189
INSPECTION TRACK NO. 5	-	-	-	-	-
INSPECTION TRACK NO. 6	-	-	-	-	-
INSPECTION TRACK NO. 7	-	-	-	-	-
INSPECTION TRACK NO. 8	-	-	-	-	-
INSPECTION TRACK NO. 9	-	-	-	-	-
INSPECTION TRACK NO. 10	-	-	-	-	-
STORAGE TRACK NO. 1	3,996	2 #10	3,766	3,652	68
STORAGE TRACK NO. 2	3,717	2 #10	3,487	3,279	61
STORAGE TRACK NO. 3	4,279	2 #10	3,589	3,279	61
STORAGE TRACK NO. 4	-	-	-	-	-
TOTAL	85,535	21	80,767	65,425	1,229
TURNOUTS/DERAILS TOTALS	2-#15, 19-#10, 2-DOUBLE SWITCH POINT DERAILS				

NOTE: FUTURE LENGTHS AND TOTALS ASSUME CONSTRUCTION OF ALL TRACK IN A SINGLE PHASE.



**LEGEND**

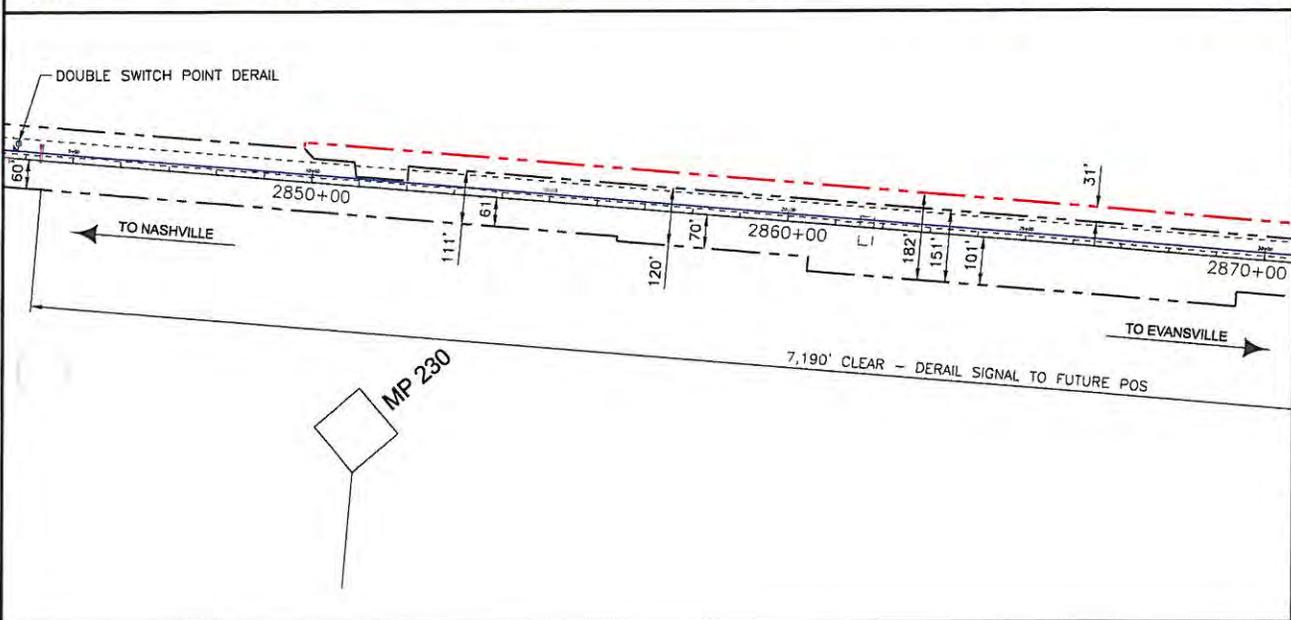
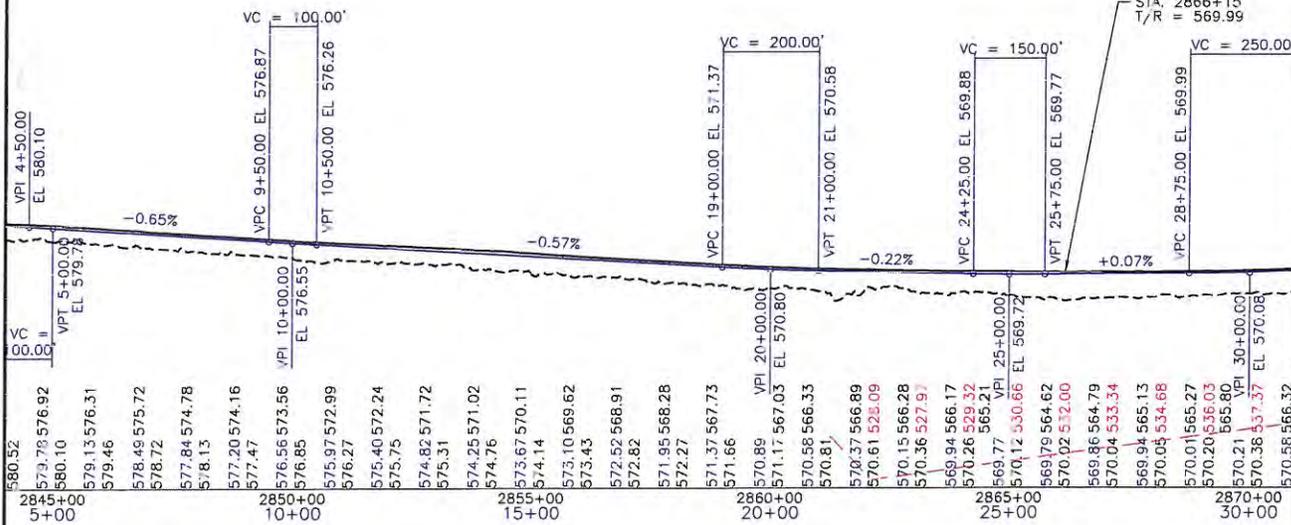
	EXISTING TRACK
	LEAD TRACK
	RUN-AROUND TRACK
	WYE / REPAIR TRACK
	INSPECTION TRACK
	SUPPORT TRACK

REVISIONS:	MARK	DATE	DESCRIPTION

PROJ NO: 304130016  
 SCALE: AS NOTED  
 DATE: 08-13-2013  
 DESIGNED BY: BSM  
 DRAWN BY: BSM  
 CHECKED BY: MGB  
**SHEET TITLE:**  
 CASKY INSPECTION YARD SITE PLAN  
**SHEET NO.**  
 EX-21-1  
 SHEET 1 OF 11



4600 SALISBURY ROAD  
 SUITE 440  
 JACKSONVILLE, FL 32216  
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 FAX: 904-245-6510



CONSULTANTS:

CASKY INSPECTION YARD

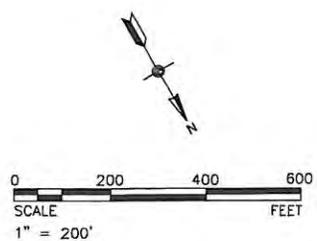
CHRISTIAN COUNTY, KY



**TERMINAL CAPACITY**

FUTURE - FULL BUILD OUT				
GROSS LENGTH (TF)	TURNOUT (EA)	NET LENGTH (TF)	CAPACITY CLEAR LENGTH	CAR COUNT (53')
16,892	1-#15 1-DERAIL	16,118	7,190	135
13,287	2 #10	12,367	-	-
9,791	1-#15 1-DERAIL	8,097	6,117	115
1,087	2 #10	857	-	-
1,641	1 #10	1,411	646	12
1,260	2 #10	1,030	916	17
363	2 #10	133	-	-
363	2 #10	133	-	-
11,305	2 #10	10,845	10,229	193
10,402	2 #10	10,172	10,039	189
10,402	2 #10	10,172	10,039	189
10,760	2 #10	10,415	10,039	189
8,284	2 #10	7,479	6,306	118
6,480	2 #10	6,250	6,116	115
6,480	2 #10	6,250	6,116	115
6,480	2 #10	6,250	6,116	115
6,480	2 #10	6,250	6,116	115
3,996	2 #10	3,766	3,652	68
3,717	2 #10	3,487	3,373	63
3,437	2 #10	3,207	3,000	56
4,281	2 #10	3,361	3,000	56
143,668	41	134,300	105,126	1,975

2-#15, 39-#10, 2-DOUBLE SWITCH POINT DERAILS  
 NOTE: FUTURE LENGTHS AND TOTALS ASSUME CONSTRUCTION OF ALL TRACK IN A SINGLE PHASE.



**LEGEND**

-  EXISTING TRACK
-  LEAD TRACK
-  RUN-AROUND TRACK
-  WYE / REPAIR TRACK
-  INSPECTION TRACK
-  SUPPORT TRACK

REVISIONS:	MARK	DATE	DESCRIPTION

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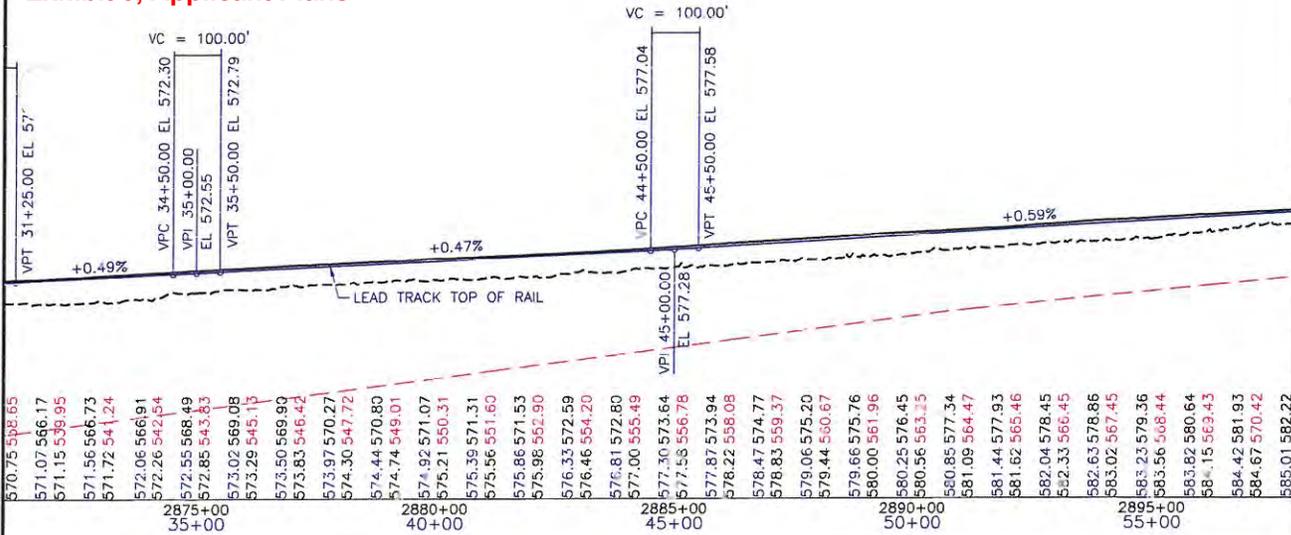
**SHEET TITLE:**  
 CASKY INSPECTION YARD  
 SITE PLAN

**SHEET NO.**  
 EX-21-1  
**SHEET** 2 OF 11

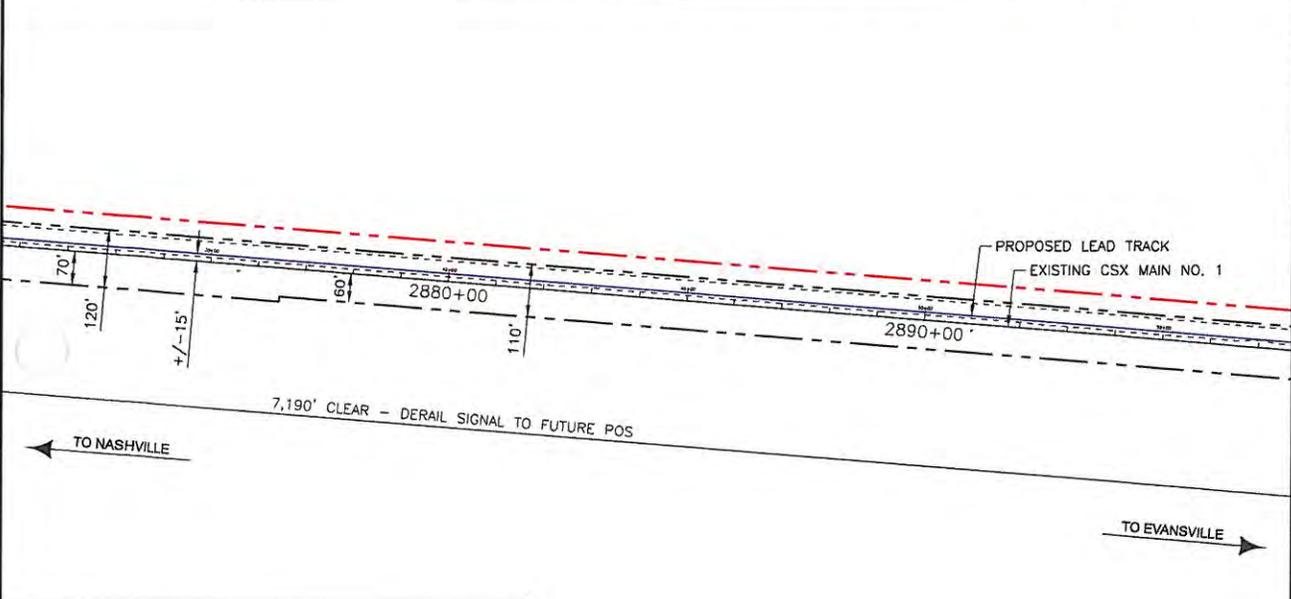
**File No. 2013-00454**  
**Public Notice 13-29**  
**Exhibit 3, Applicant Plans**



4500 SALISBURY ROAD  
 SUITE 440  
 JACKSONVILLE, FL 32216  
 PHONE: 904-245-6500  
 FAX: 904-245-6510



570.75	582.85	571.07	566.17	571.15	539.95	571.56	566.73	571.72	541.24	572.06	566.91	572.26	542.54	572.55	568.49	572.85	543.83	573.02	569.08	573.29	545.15	573.50	569.90	573.83	546.42	573.97	570.27	574.30	547.72	574.44	570.80	574.74	549.01	574.92	571.07	575.21	550.31	575.39	571.31	575.56	551.60	575.86	571.53	576.33	572.59	576.46	554.20	576.81	572.80	577.00	555.49	577.30	573.64	577.58	556.78	577.87	573.94	578.22	558.08	578.47	574.77	578.83	559.37	579.06	575.20	579.44	560.67	579.66	575.76	580.00	561.96	580.25	576.45	580.56	563.15	580.85	577.34	581.09	564.47	581.44	577.93	581.62	565.46	582.04	578.45	582.33	566.45	582.63	578.86	583.02	567.45	583.23	579.36	583.56	568.44	583.82	580.64	584.15	569.43	584.42	581.93	584.67	570.42	585.01	582.22
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0 200 400 600  
 SCALE FEET  
 1" = 200'

**LEGEND**

- EXISTING TRACK
- LEAD TRACK
- RUN-AROUND TRACK
- WYE / REPAIR TRACK
- INSPECTION TRACK
- SUPPORT TRACK

PROPOSED R.O.W.

CONSULTANTS:

CASKY INSPECTION YARD  
 CHRISTIAN COUNTY, KY



REVISIONS:	MARK	DATE	DESCRIPTION

PROJ NO: 304130016  
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 DRAWN BY: BSM  
 CHECKED BY: MGB

SHEET TITLE:  
**CASKY INSPECTION YARD SITE PLAN**

SHEET NO.  
 EX-21-1

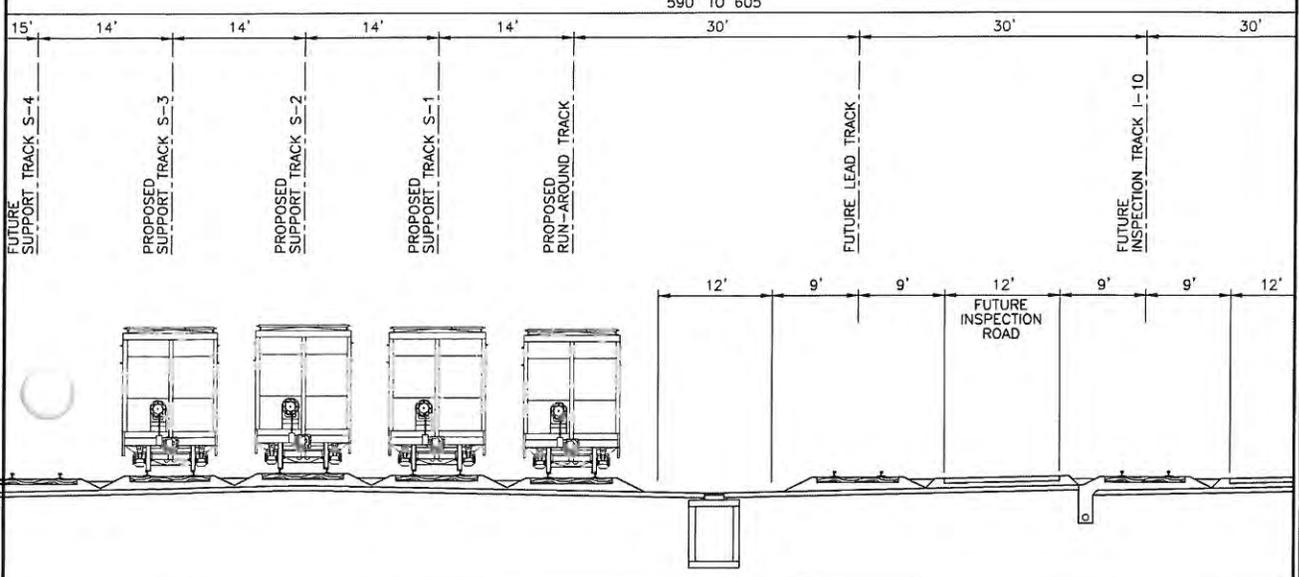
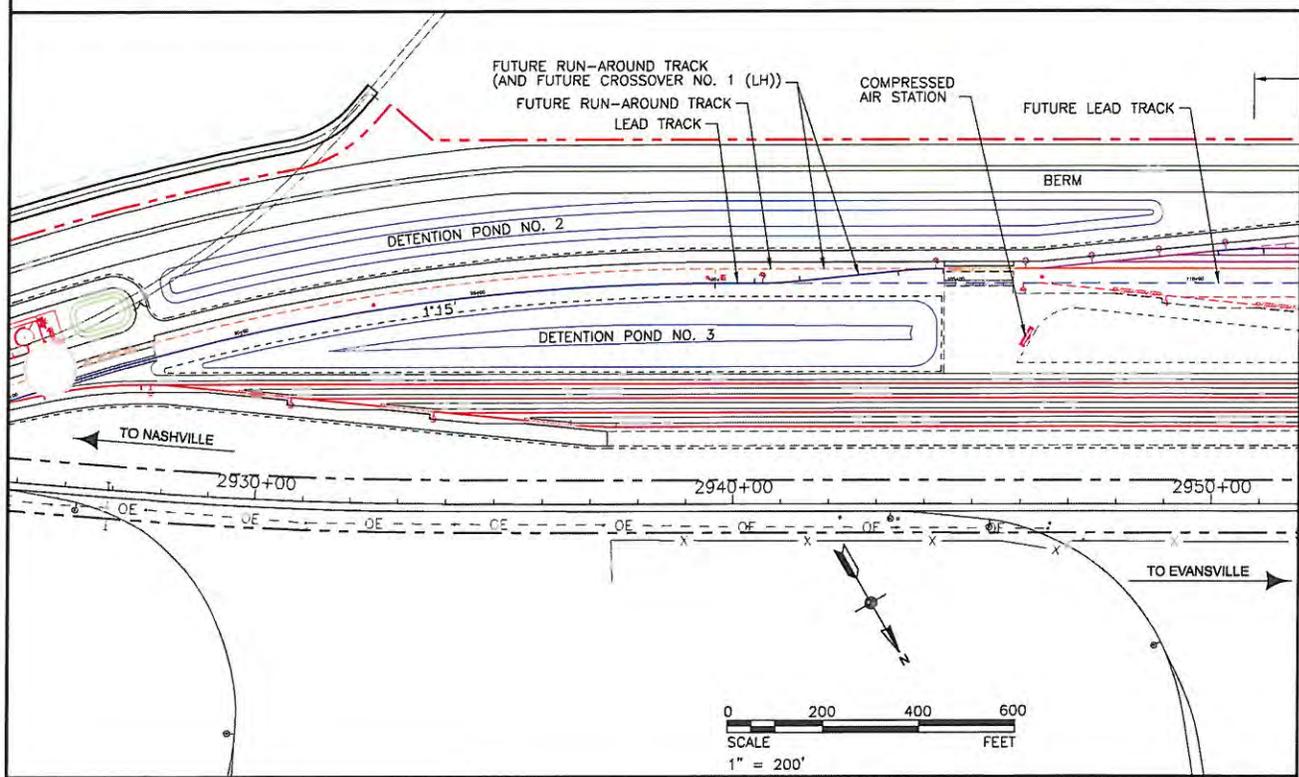
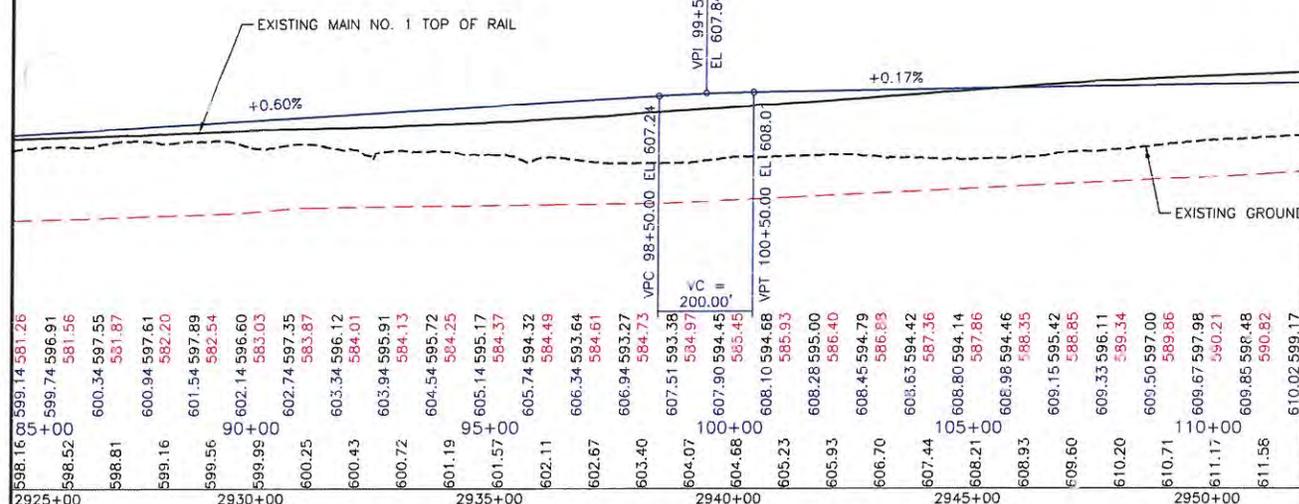
SHEET 3 OF 11



**File No. 2013-00454**  
**Public Notice 13-29**  
**Exhibit 3, Applicant Plans**



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CONSULTANTS:

CASKY INSPECTION YARD

CHRISTIAN COUNTY, KY



REVISIONS:	MARK	DATE	DESCRIPTION

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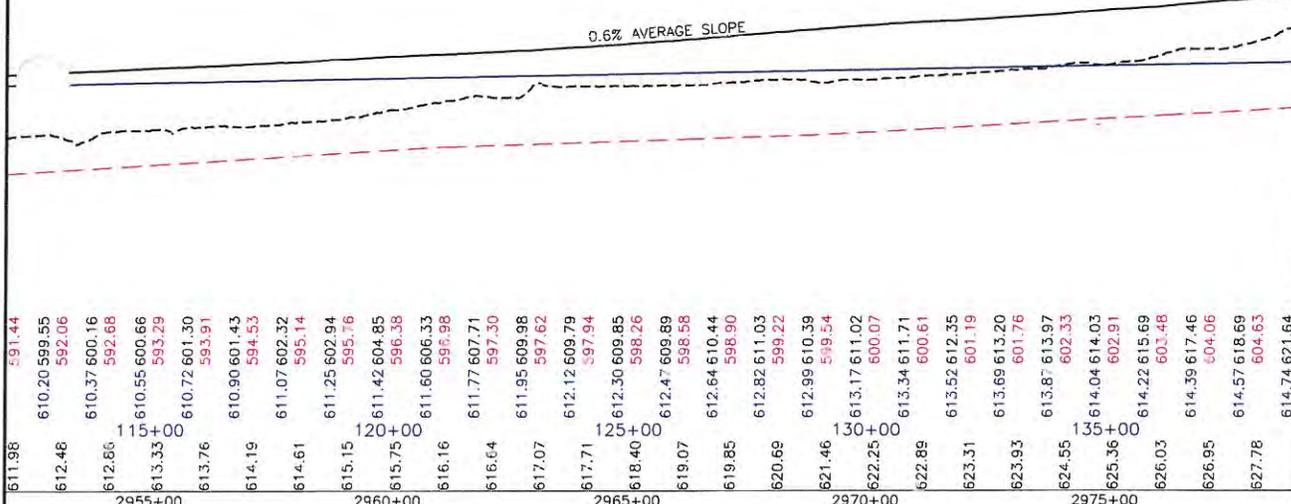
**SHEET TITLE:**  
 CASKY  
 INSPECTION YARD  
 SITE PLAN

**SHEET NO.**  
 EX-21-1

**SHEET** 5 OF 11



4500 SALISBURY ROAD  
 SUITE 440  
 JACKSONVILLE, FL 32216  
 PHONE: 904-245-6500  
 FAX: 904-245-8510



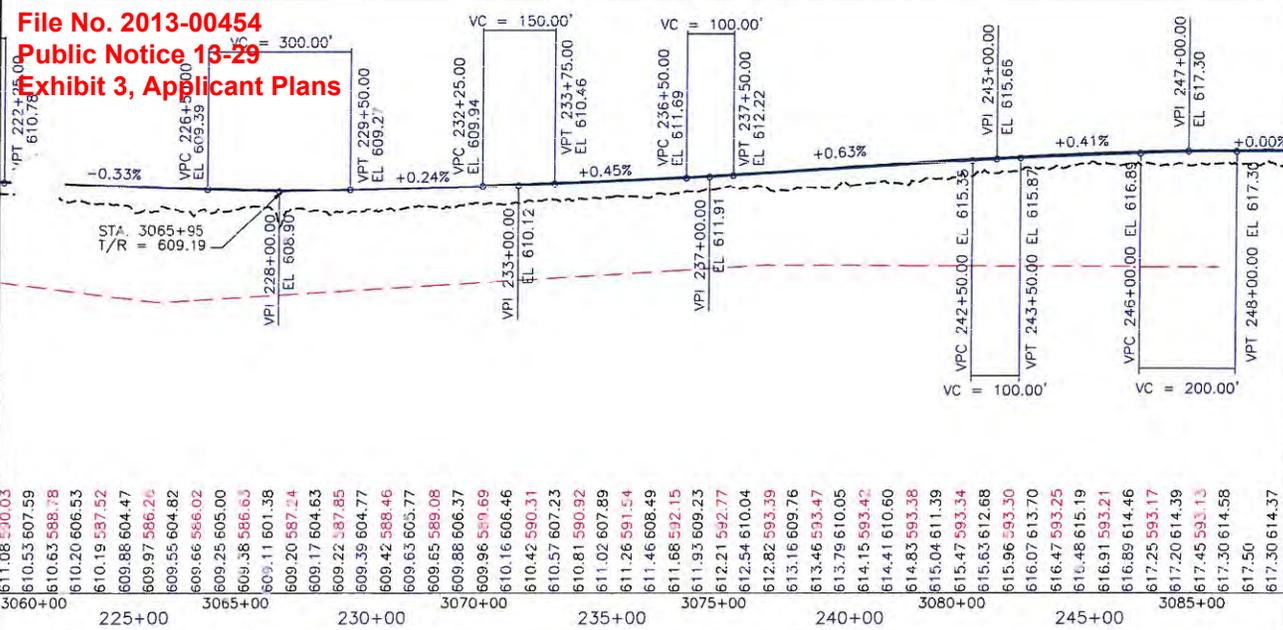




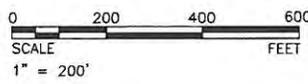
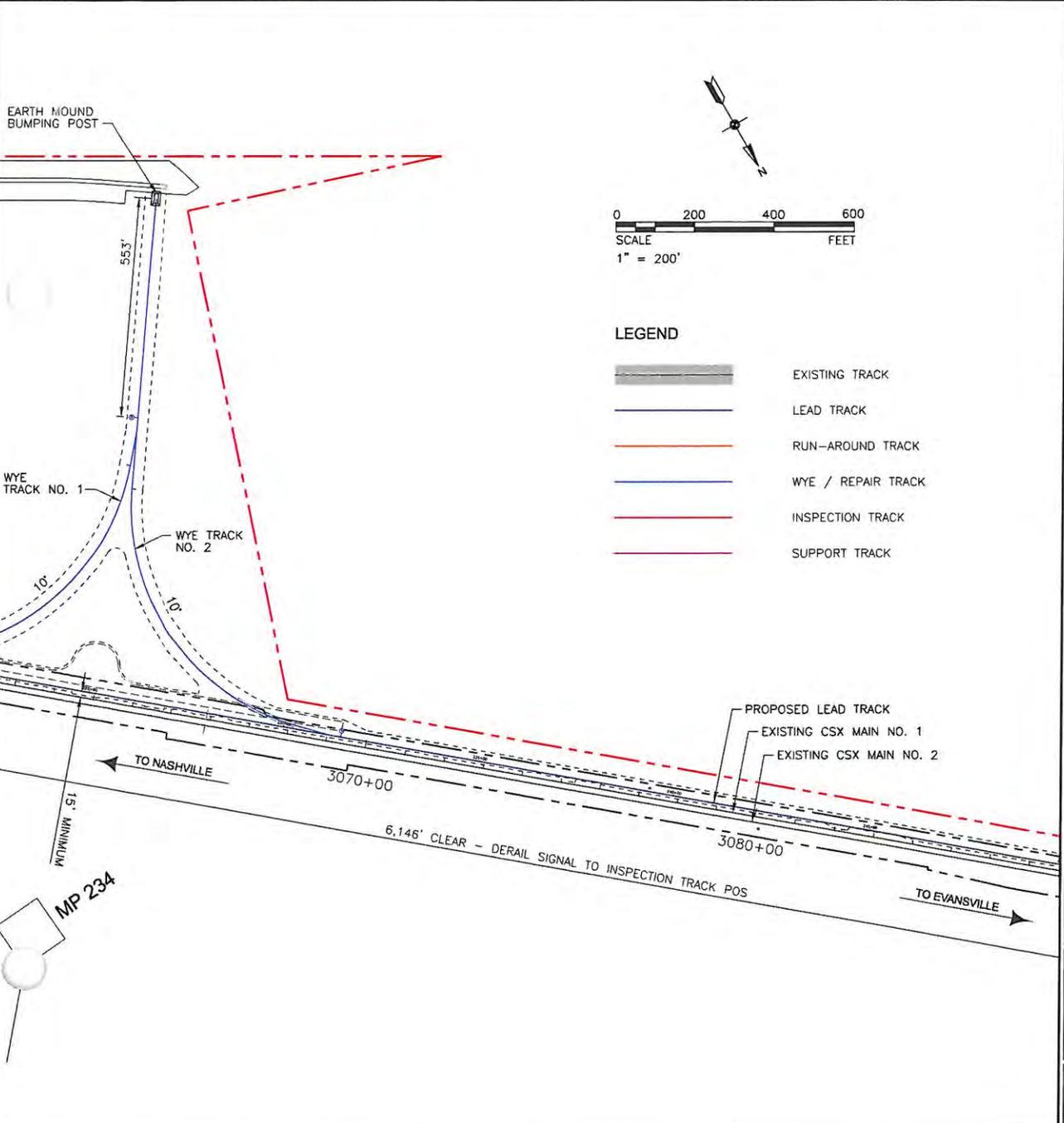




4500 SALISBURY ROAD  
 SUITE 440  
 JACKSONVILLE, FL 32216  
 PHONE: 904-245-6800  
 FAX: 904-245-6850



611.08	590.03	610.53	607.59	610.63	588.78	610.20	606.53	610.19	537.52	609.88	604.47	609.97	586.24	609.55	604.82	609.66	586.02	609.25	605.00	609.38	586.63	609.11	601.38	609.20	587.24	609.17	604.63	609.22	587.85	609.39	604.77	609.42	588.46	609.63	605.77	609.65	589.08	609.88	606.37	609.96	589.69	610.16	606.46	610.42	590.31	610.57	607.23	610.81	590.92	611.02	607.89	611.26	591.54	611.46	608.49	611.68	592.15	611.93	609.23	612.21	592.77	612.54	610.04	613.16	609.76	613.46	593.47	613.79	610.05	614.15	593.42	614.41	610.60	614.83	593.38	615.04	611.39	615.47	593.34	615.63	612.68	615.96	593.30	616.07	613.70	616.47	593.25	616.48	615.19	616.91	593.21	616.89	614.46	617.25	593.17	617.20	614.39	617.45	593.13	617.30	614.58	617.50	617.30	614.37
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**LEGEND**

	EXISTING TRACK
	LEAD TRACK
	RUN-AROUND TRACK
	WYE / REPAIR TRACK
	INSPECTION TRACK
	SUPPORT TRACK

CONSULTANTS:

CASKY INSPECTION YARD

CHRISTIAN COUNTY, KY



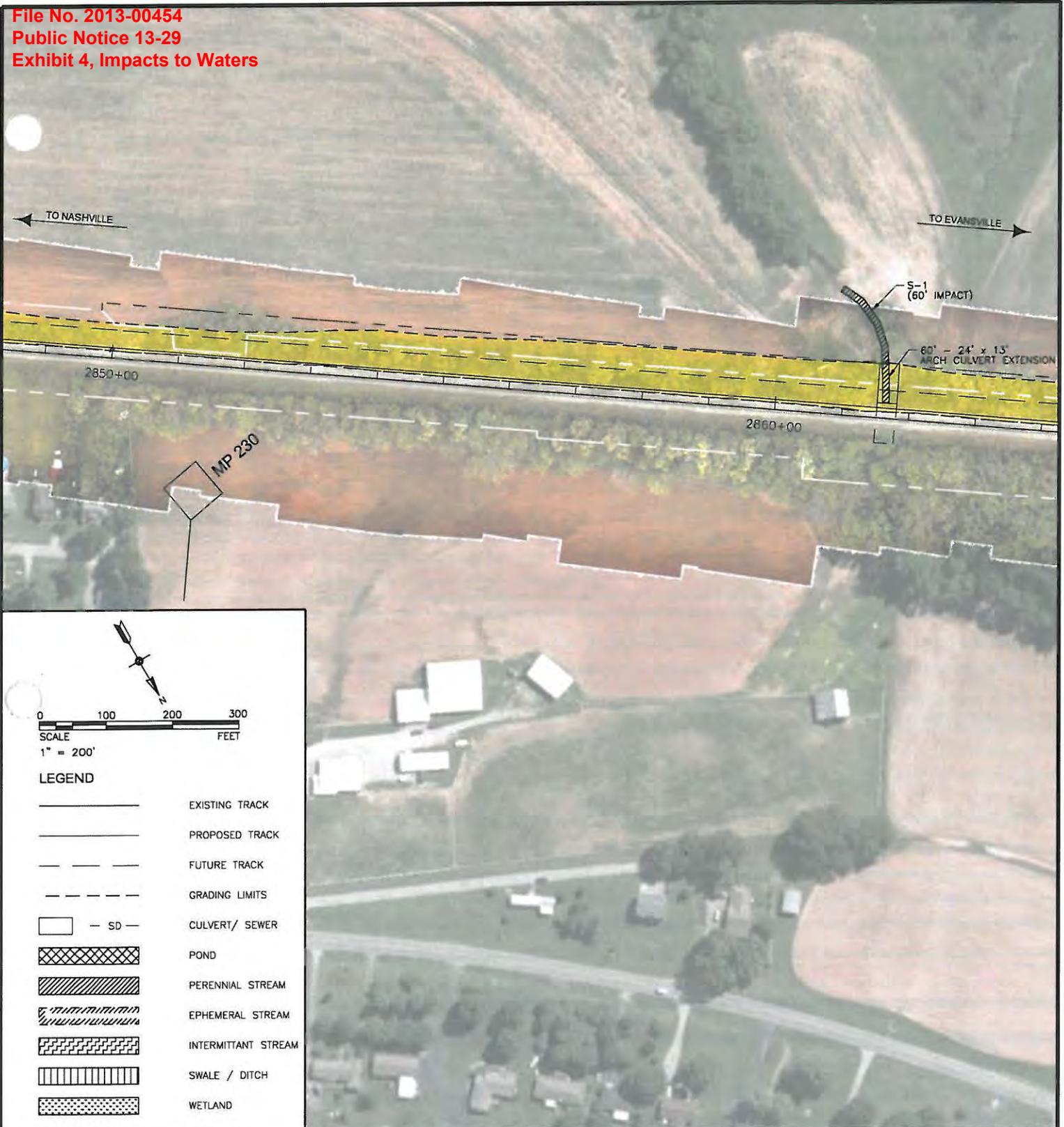
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SHEET TITLE:  
**CASKY INSPECTION YARD SITE PLAN**

SHEET NO.  
 EX-21-1  
 SHEET 10 OF 11





0 100 200 300  
 SCALE FEET  
 1" = 200'

**LEGEND**

	EXISTING TRACK
	PROPOSED TRACK
	FUTURE TRACK
	GRADING LIMITS
	CULVERT/ SEWER
	POND
	PERENNIAL STREAM
	EPHEMERAL STREAM
	INTERMITTANT STREAM
	SWALE / DITCH
	WETLAND

**TranSystems**

4500 SALISBURY ROAD  
 SUITE 400  
 JACKSONVILLE, FL 32216  
 PHONE: 904-245-6500  
 FAX: 904-245-6510

PROJ NO:	304130016
SCALE:	AS NOTED
DATE:	06/05/2013
DESIGNED BY:	BSM
DRAWN BY:	MET
CHECKED BY:	MGB

**[ CSX ]**

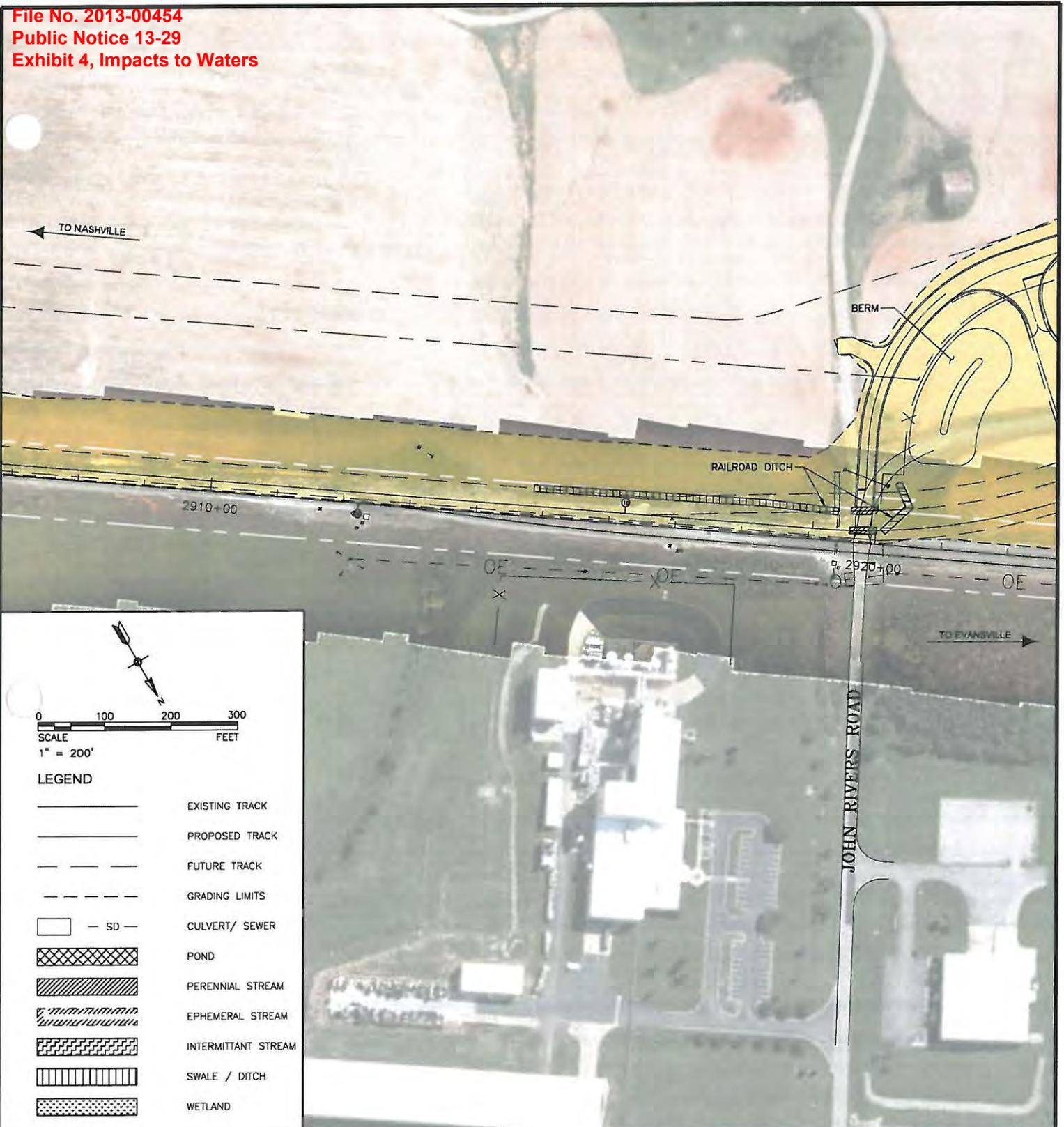
**amec**

SHEET TITLE  
 IMPACTS TO WETLANDS AND STREAMS

PROJECT  
 CASKY INSPECTION YARD  
 CHRISTIAN COUNTY, KENTUCKY

FIGURE 3

SHEET  
 1 OF 8



SCALE  
 1" = 200'

**LEGEND**

	EXISTING TRACK
	PROPOSED TRACK
	FUTURE TRACK
	GRADING LIMITS
	CULVERT/ SEWER
	POND
	PERENNIAL STREAM
	EPHEMERAL STREAM
	INTERMITTANT STREAM
	SWALE / DITCH
	WETLAND

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PROJ NO:	304130016
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DATE:	06/06/2013
DESIGNED BY:	BSM
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**[ CSX ]**

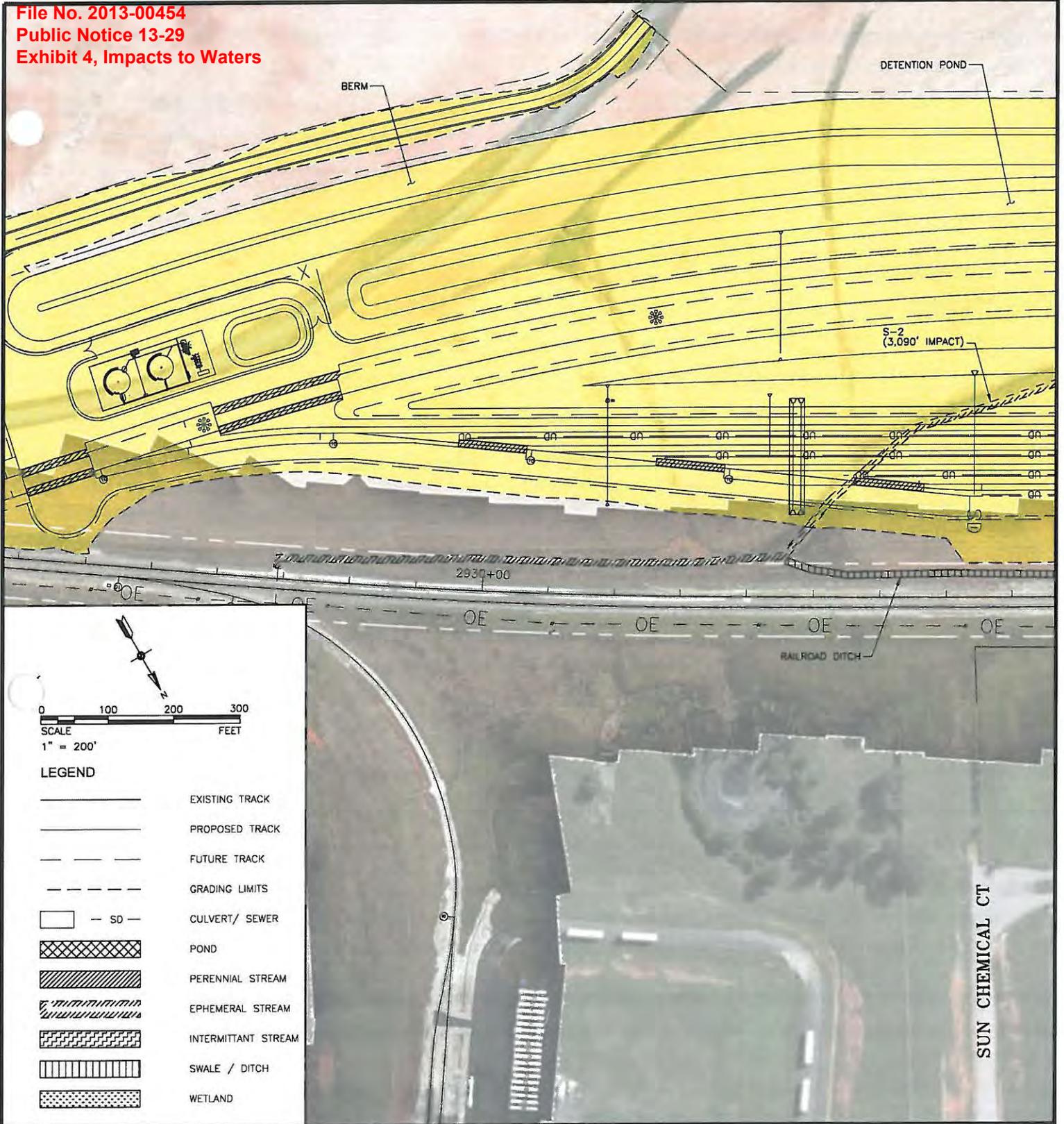
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SHEET TITLE  
**IMPACTS TO WETLANDS AND STREAMS**

PROJECT  
**CASKY INSPECTION YARD  
 CHRISTIAN COUNTY, KENTUCKY**

**FIGURE 3**

**SHEET  
 2 OF 8**



0 100 200 300  
 SCALE FEET  
 1" = 200'

LEGEND

- EXISTING TRACK
- PROPOSED TRACK
- FUTURE TRACK
- GRADING LIMITS
- — SD — CULVERT/ SEWER
- ▨ POND
- ▨ PERENNIAL STREAM
- ▨ EPHEMERAL STREAM
- ▨ INTERMITTANT STREAM
- ▨ SWALE / DITCH
- ▨ WETLAND

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[ **CSX** ]

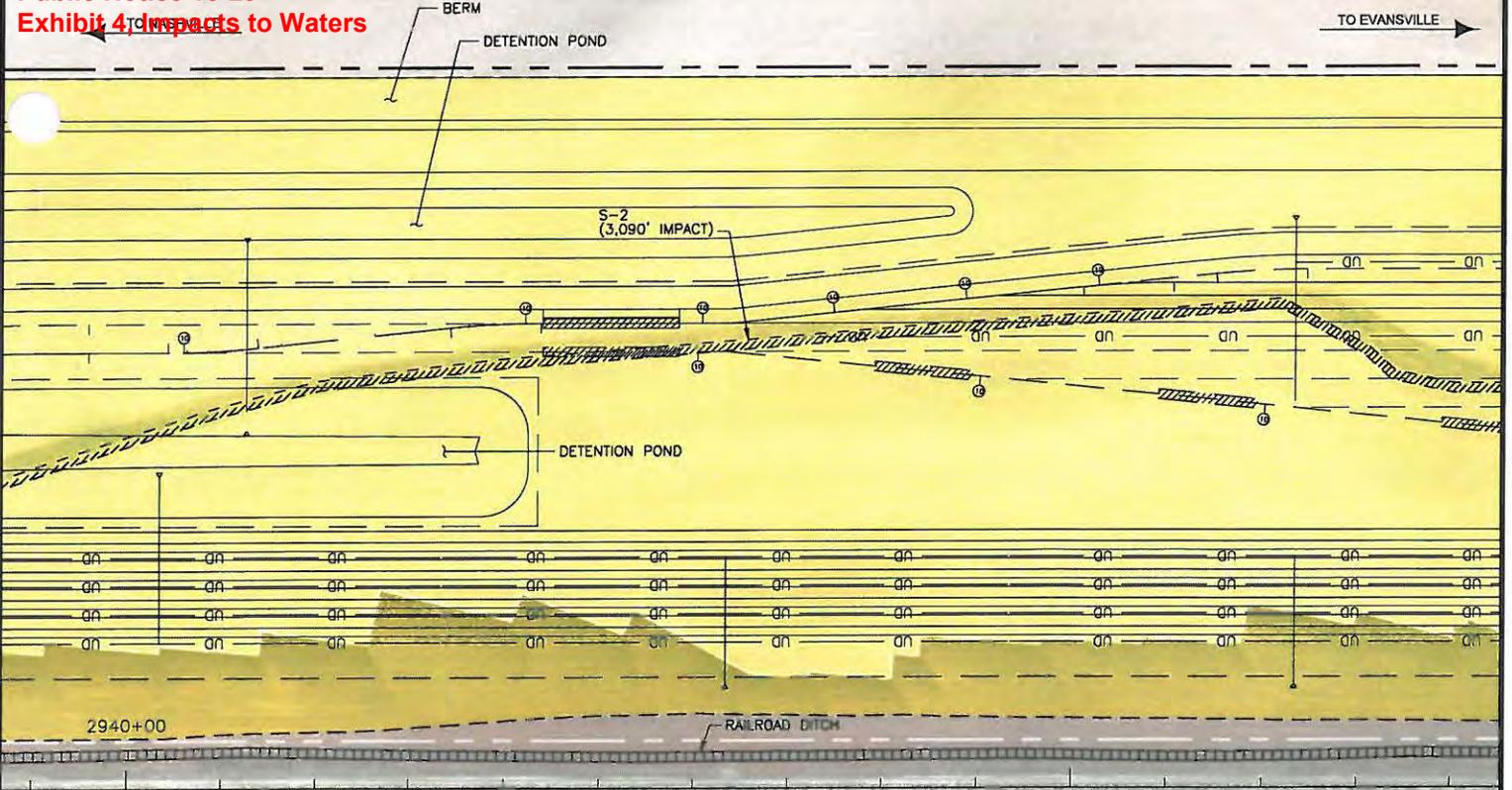
**amec**

SHEET TITLE  
 IMPACTS TO WETLANDS AND STREAMS

PROJECT  
 CASKY INSPECTION YARD  
 CHRISTIAN COUNTY, KENTUCKY

FIGURE 3

SHEET  
 3 OF 8



0 100 200 300  
 SCALE  
 1" = 200'  
 FEET

**LEGEND**

	EXISTING TRACK
	PROPOSED TRACK
	FUTURE TRACK
	GRADING LIMITS
	CULVERT/ SEWER
	POND
	PERENNIAL STREAM
	EPHEMERAL STREAM
	INTERMITTANT STREAM
	SWALE / DITCH
	WETLAND



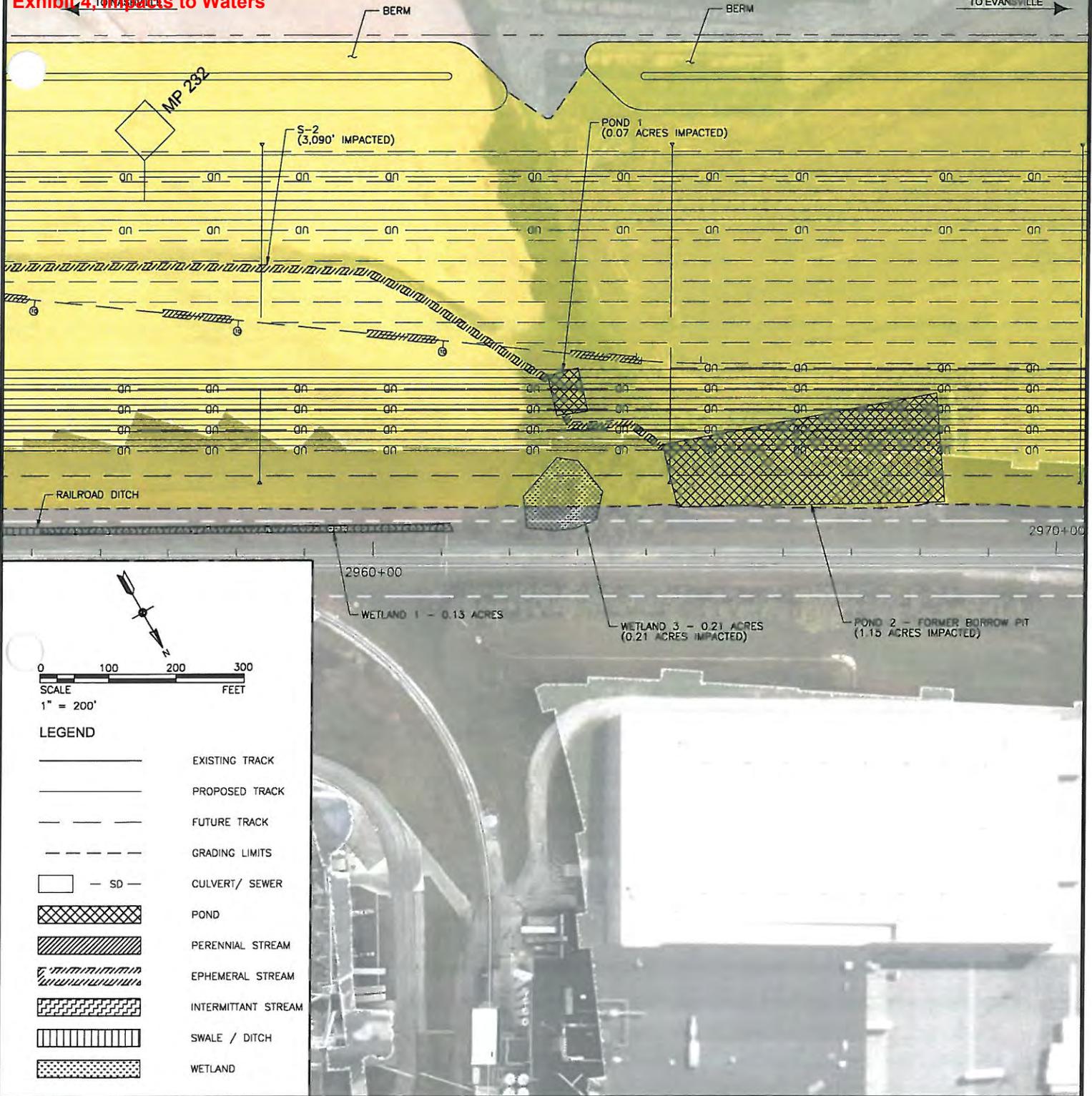
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SHEET TITLE	
IMPACTS TO WETLANDS AND STREAMS	
PROJECT	
CASKY INSPECTION YARD CHRISTIAN COUNTY, KENTUCKY	
FIGURE 3	SHEET 4 OF 8



0 100 200 300  
 SCALE  
 1" = 200'  
 FEET

**LEGEND**

	EXISTING TRACK
	PROPOSED TRACK
	FUTURE TRACK
	GRADING LIMITS
	CULVERT/ SEWER
	POND
	PERENNIAL STREAM
	EPHEMERAL STREAM
	INTERMITTANT STREAM
	SWALE / DITCH
	WETLAND

**TranSystems**

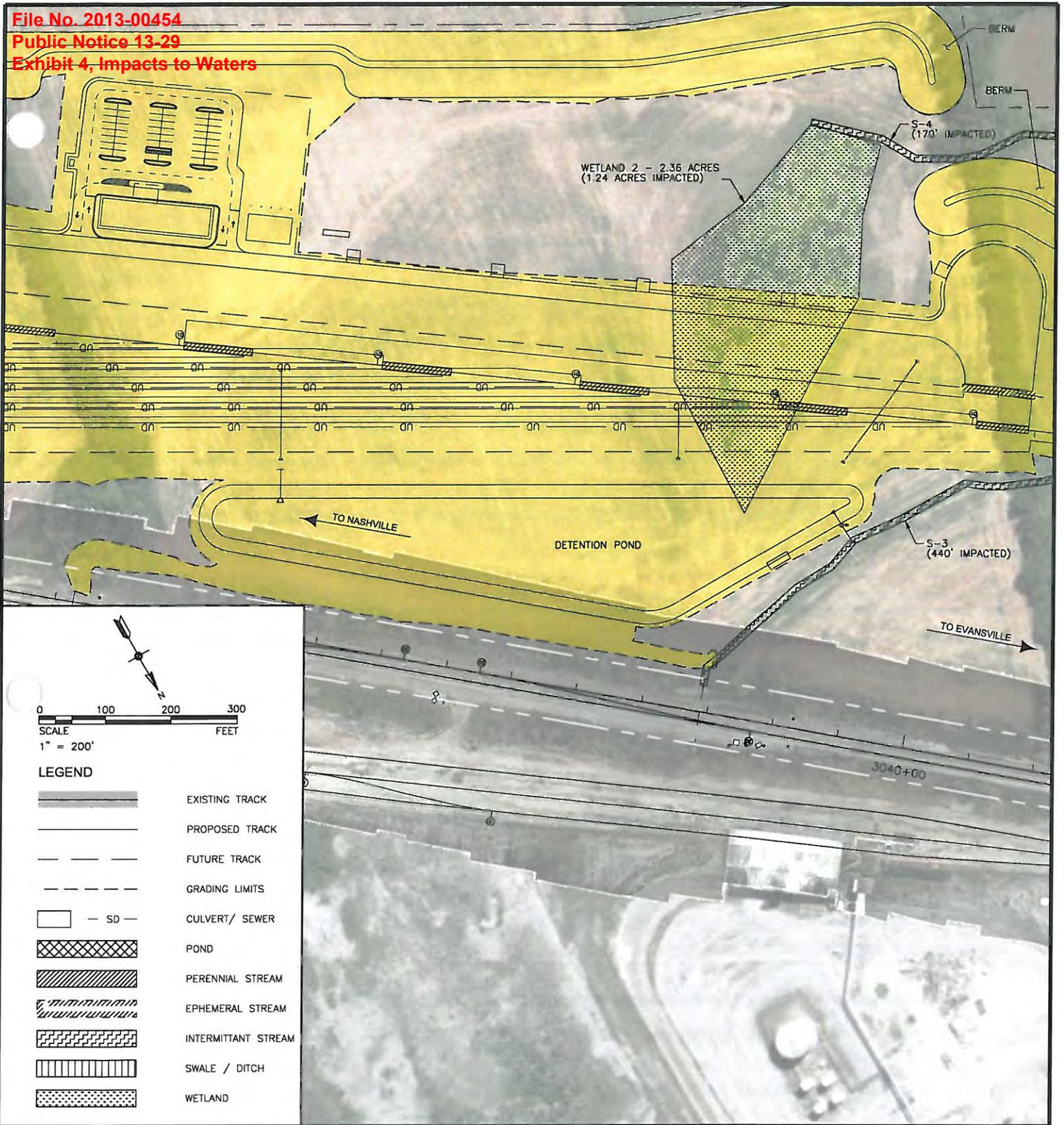
4500 SALISBURY ROAD  
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 FAX: 904-245-6510

PROJ NO:	304130016
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DATE:	06/05/2013
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**[ CSX ]**

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SHEET TITLE	IMPACTS TO WETLANDS AND STREAMS	
PROJECT	CASKY INSPECTION YARD CHRISTIAN COUNTY, KENTUCKY	
	FIGURE 3	SHEET 5 OF 8



0 100 200 300  
 SCALE FEET  
 1" = 200'

**LEGEND**

	EXISTING TRACK
	PROPOSED TRACK
	FUTURE TRACK
	GRADING LIMITS
	CULVERT/ SEWER
	POND
	PERENNIAL STREAM
	EPHEMERAL STREAM
	INTERMITTENT STREAM
	SWALE / DITCH
	WETLAND

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PROJ NO:	304130016
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**[ CSX ]**

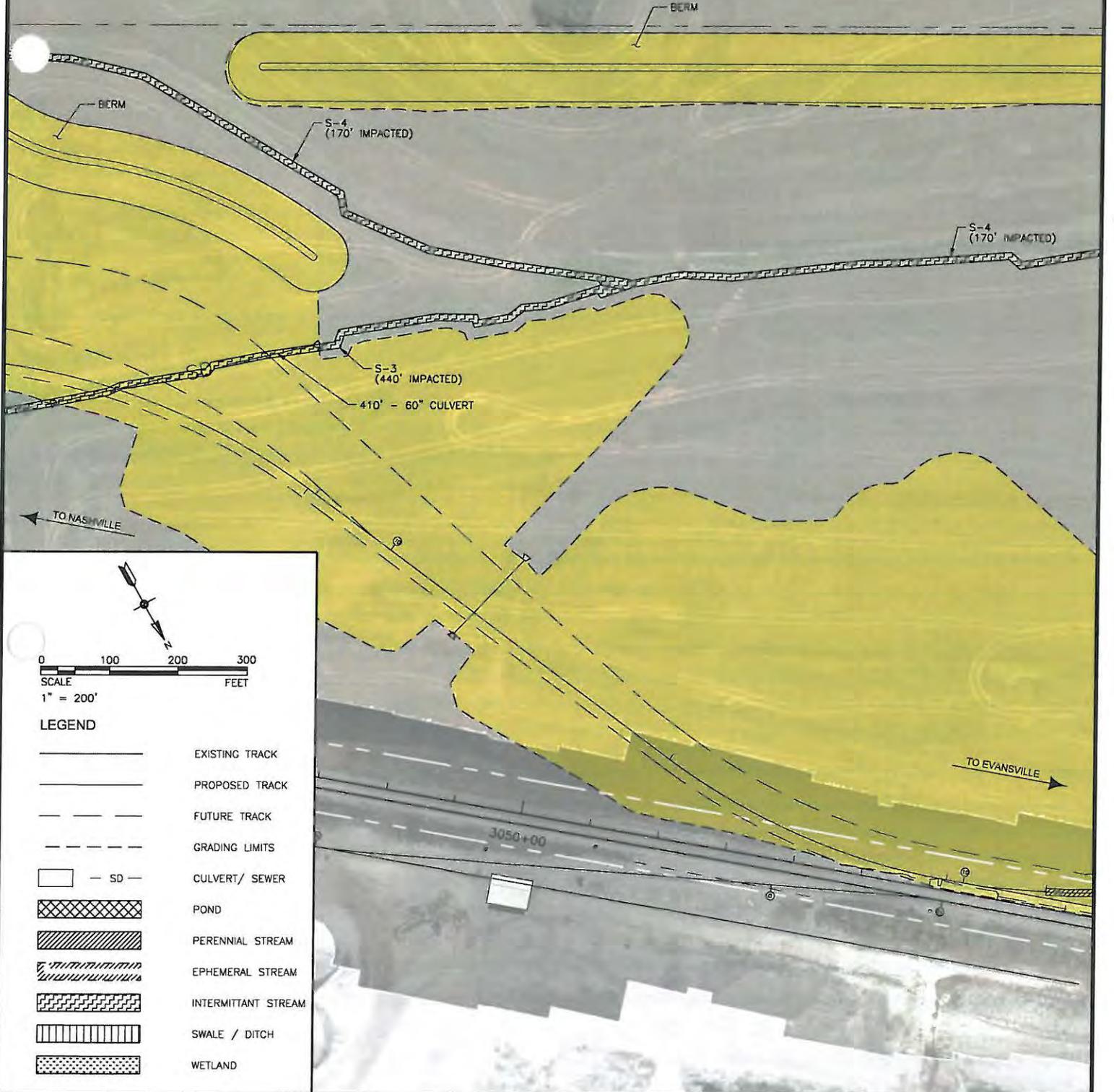
**amec**

SHEET TITLE  
**IMPACTS TO WETLANDS AND STREAMS**

PROJECT  
**CASKY INSPECTION YARD  
 CHRISTIAN COUNTY, KENTUCKY**

**FIGURE 3**

**SHEET  
 6 OF 8**



**TranSystems**

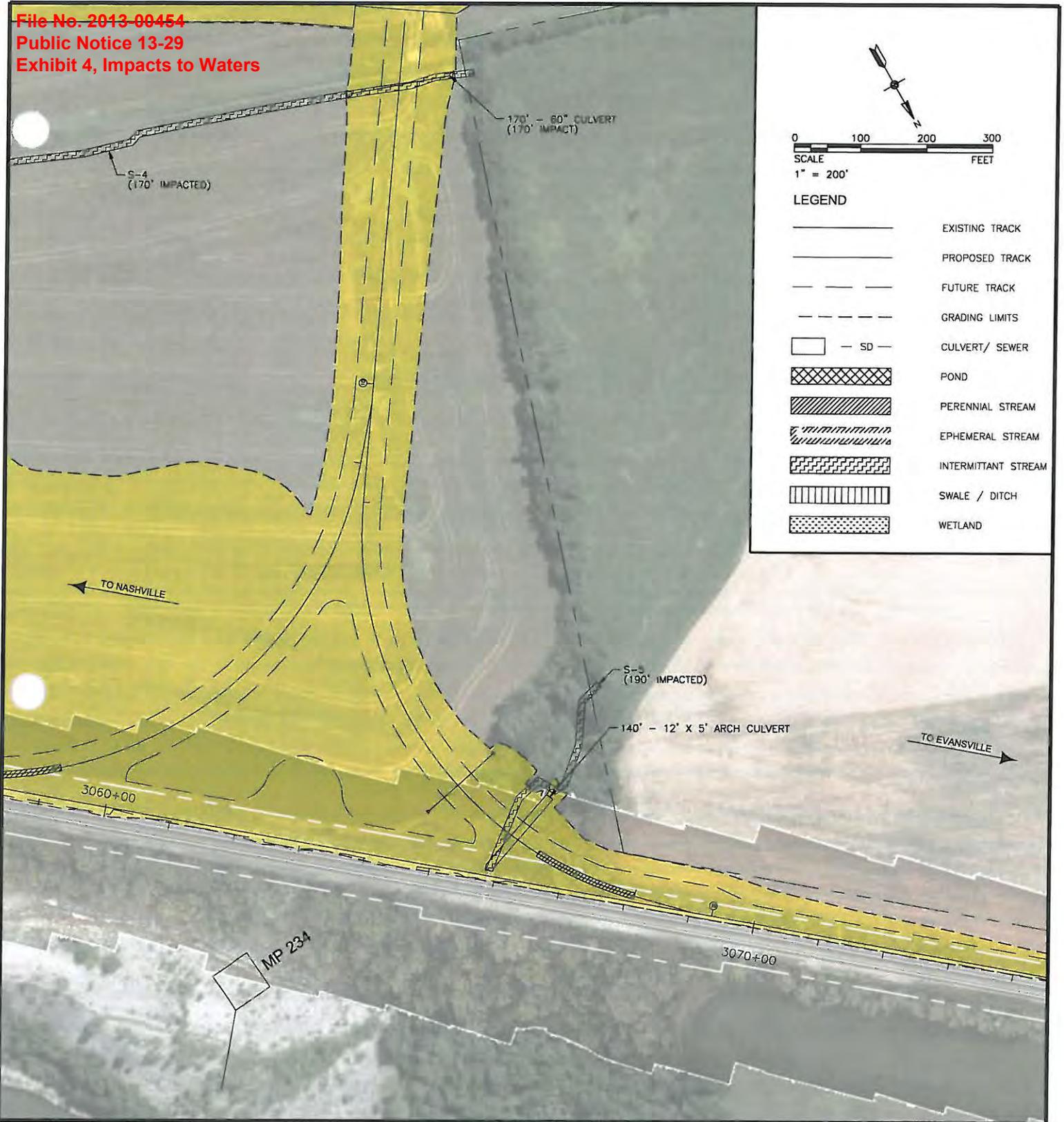
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**[ CSX ]**

**amec**

SHEET TITLE	IMPACTS TO WETLANDS AND STREAMS	
PROJECT	CASKEY INSPECTION YARD CHRISTIAN COUNTY, KENTUCKY	
	FIGURE 3	SHEET 7 OF 8



0 100 200 300  
 SCALE  
 1" = 200'  
 FEET

LEGEND

- EXISTING TRACK
- PROPOSED TRACK
- - - - - FUTURE TRACK
- - - - - GRADING LIMITS
- — SD — CULVERT/ SEWER
- ▨ POND
- ▧ PERENNIAL STREAM
- ▩ EPHEMERAL STREAM
- INTERMITTANT STREAM
- SWALE / DITCH
- ▤ WETLAND

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 JACKSONVILLE, FL 32216  
 PHONE: 904-245-6500  
 FAX: 904-245-6510

PROJ NO:	304130016
SCALE:	AS NOTED
DATE:	06/05/2013
DESIGNED BY:	BSM
DRAWN BY:	MET
CHECKED BY:	MGB

**[ CSX ]**

**amec**

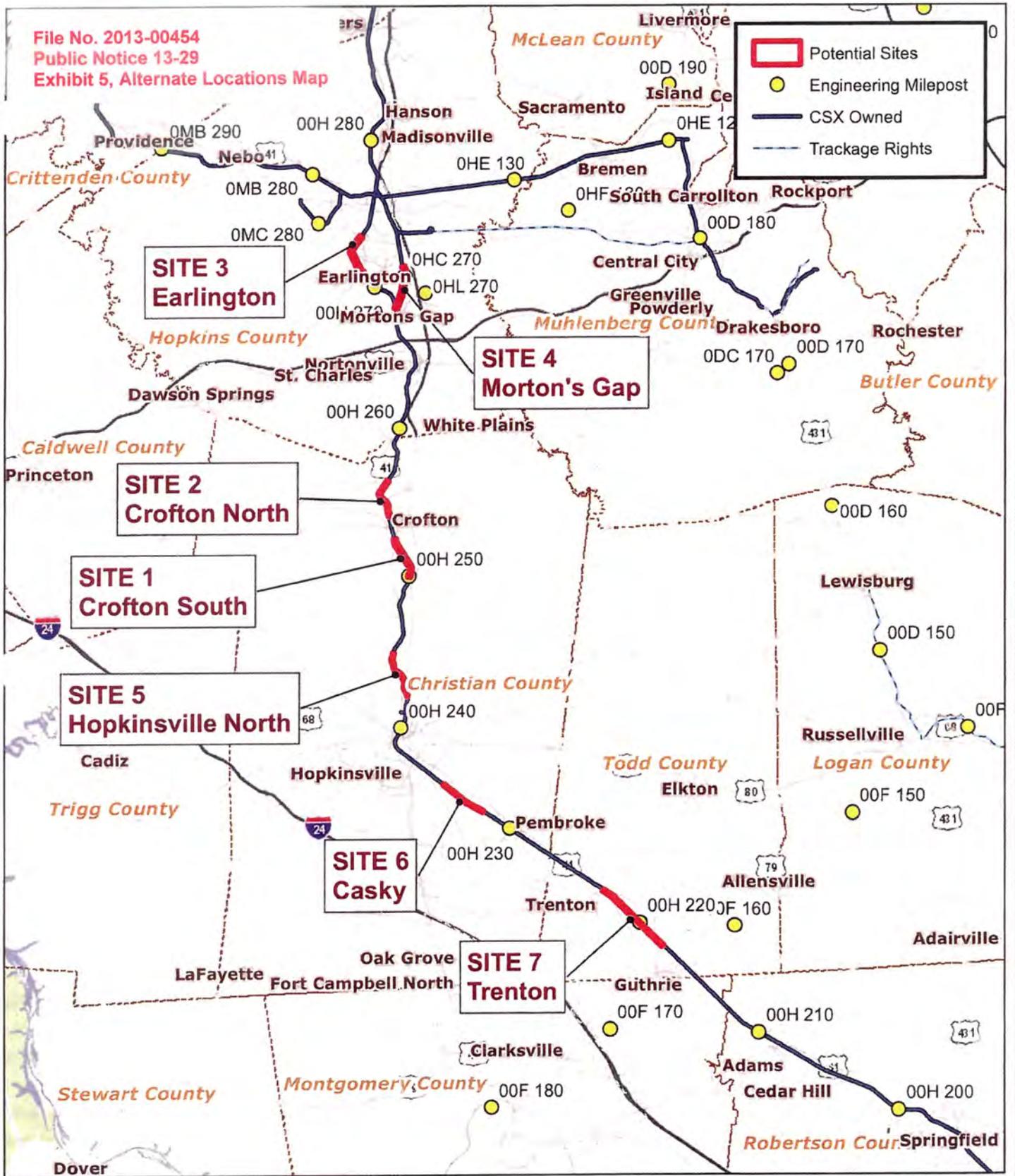
SHEET TITLE  
 IMPACTS TO WETLANDS AND STREAMS

PROJECT  
 CASKY INSPECTION YARD  
 CHRISTIAN COUNTY, KENTUCKY

FIGURE 3

SHEET  
 8 OF 8

File No. 2013-00454  
 Public Notice 13-29  
 Exhibit 5, Alternate Locations Map



CSX Real Property, Inc.

### Overview of Potential Sites

Christian, Hopkins, and Todd Counties, KY  
 Nashville Division - Henderson Subdivision

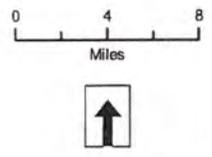




Photo 1, S-1



Photo 2, S-1



Photo 3, S-2



Photo 4, S-2



Photo 5, W-2



Photo 6, P-1



Photo 7, P-2 (Borrow Pit)



Photo 8, P-2



Photo 9, S-3



Photo 10, S-3



Photograph No. 1  
Location: Southeast end of project area  
Direction of Photo: Looking northwest  
Notes: Agricultural field near beginning of project



Photograph No. 2  
Location: S-1  
Direction of Photo: Looking north (upstream)  
Notes: S-1 flows southwest into sinkhole



Photograph No. 3  
Location: S-2  
Direction of Photo: Looking northwest (upstream)  
Notes: Photo taken where S-2 flows through culvert beneath existing rail; S-2 is influenced by a series of existing beaver dams on the opposite side of the rail.



Photograph No. 4  
Location: S-2  
Direction of Photo: southeast (downstream)  
Notes: Approximate midpoint of S-2



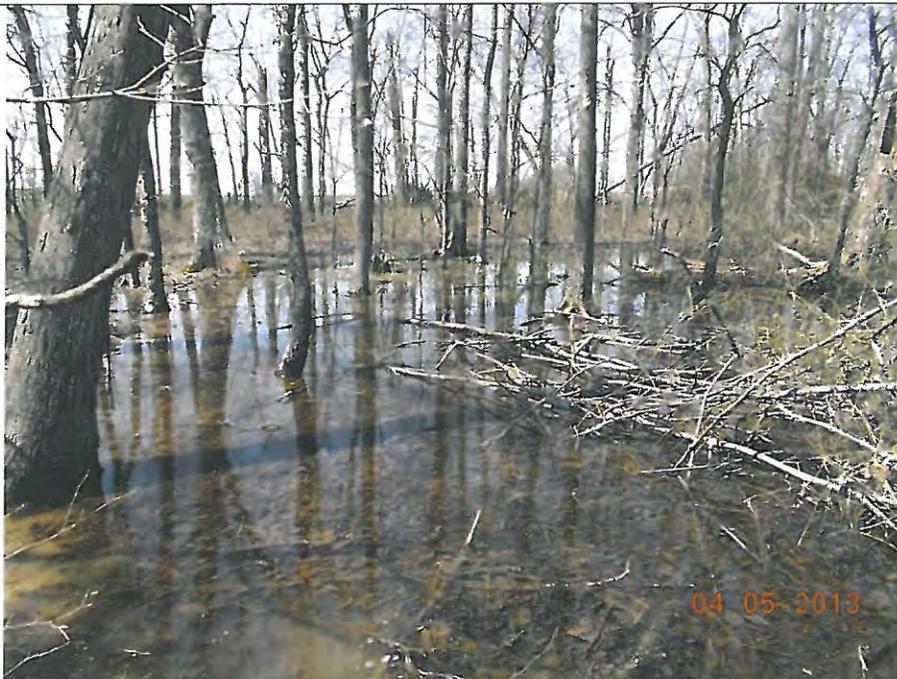
Photograph No. 5  
Location: W-1  
Direction of Photo: north  
Notes: Linear wetland area along west side of existing track



Photograph No. 6  
Location: P-1  
Direction of Photo: Looking north  
Notes: Pond in wooded area near beginning of S-2



Photograph No. 7  
Location: P-2  
Direction of Photo: Looking north  
Notes: Excavated pond



Photograph No. 8  
Location: W-3  
Direction of Photo: Looking north  
Notes: Wetland area near beginning of S-2



Photograph No. 9  
Location: Approximate midpoint of project  
Direction of Photo: Looking northwest  
Notes: Pasture near midpoint of project facing northwest



Photograph No. 10  
Location: W-2  
Direction of Photo: Looking north  
Notes: Herbaceous wetland south side of existing track near ethanol plant



Photograph No. 11  
Location: S-3  
Direction of Photo: Looking northwest (downstream)  
Notes: S-3 facing downstream



Photograph No. 12  
Location: S-4  
Direction of Photo: Looking northwest (downstream)  
Notes: S-4 facing downstream



Photograph No. 13  
Location: S-3/S-4 confluence  
Direction of Photo: Looking southeast (upstream)  
Notes: Facing upstream at the confluence of S-3 and S-4



Photograph No. 14  
Location: S-4  
Direction of Photo: Looking northwest (downstream)  
Notes: Facing downstream below the confluence of S-3 and S-4



Photograph No. 15  
Location: S-5  
Direction of Photo: Looking northwest (downstream)  
Notes: S-5 facing downstream



Photograph No. 16  
Location: Near end of project  
Direction of Photo: Looking north  
Notes: Agricultural field near end of project