

Date

Mr. D.E. Phillips, Jr., P.E.  
State Local Transportation Engineer  
1409 Coliseum Boulevard  
Montgomery, AL 36130

RE: Written Summary  
Project Number  
Project Description  
Railroad Name/DOT Crossing Number/Railroad Milepost  
County

Dear Sir:

Norfolk Southern Railroad crosses Messer Airport Highway within the limits of the above referenced project. The existing railroad crossing is in fair condition and is wide enough to accommodate the proposed typical section. The proposed pavement buildup will tie into the existing pavement approximately ten (10) feet on either side of the railroad track, measured from the nearest rail. The railroad active warning devices, crossbucks and advanced warning signs are in place and in good condition. A required pedestrian railroad crossing will be installed on the east side of Messer Airport Highway. Norfolk Southern shall perform all work within the tracks and two (2) feet on either side of the railroad track measured from the nearest rail. The traffic markings and legends are in place and will be replaced as part of this project due to the paving limits. Work performed by the State's contractor within the railroad's right of way will consist of planning, paving, striping, sidewalks and placing traffic control markings and legends. It is estimated that the required work within the railroad's right of way will take five (5) working days.

This summary of work along with the attached title sheet, project note sheet, typical section, and railroad plan view sheet is being provided for your use in acquiring the needed railroad agreement from the railroad.

Signed: \_\_\_\_\_  
LPA Representative

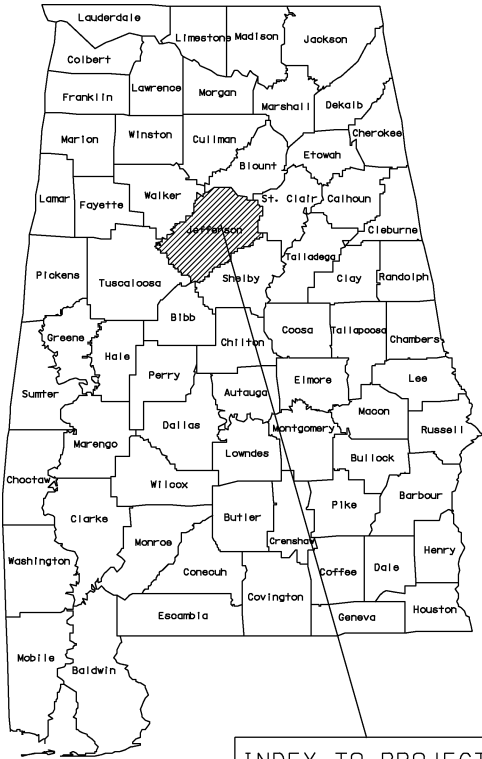
Approved: \_\_\_\_\_  
Region Engineer

STATE	REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO	LAST SHEET NO
AL	ACAA60993-ATRP(008)	2017	1	14

Contract ID  
Code No 4321-SAAME-100063411-2

ALABAMA DEPARTMENT OF TRANSPORTATION  
EAST CENTRAL REGION  
JEFFERSON COUNTY  
PROJECT NO ACAA60993-ATRP(008)  
RESURFACING AND PERMANENT STRIPE ALONG MESSER AIRPORT HWY  
FROM 31ST STREET NORTH TO 46TH STREET NORTH  
NORFOLK SOUTHERN RAILROAD CROSSING NO: 728066P

DESIGN DESIGNATION	
ADT (2017).....	8632
ADT (2037).....	12826
K.....	N/A
D.....	N/A
TDHV.....	N/A
TADT.....	4%
V (DESIGN SPEED).....	40 MPH
MIN STOPPING SIGHT DIST.....	N/A



INDEX TO PROJECT



**Submitted for Approval:**

**CITY ENGINEER**

**ALABAMA DEPARTMENT OF TRANSPORTATION**

**Submitted for Approval:**

**REGION ENGINEER**

**INNOVATIVE PROGRAMS ENGINEER**

**CHIEF ENGINEER**

**Approved:**

**TRANSPORTATION DIRECTOR**

These plans have been prepared to conform with the Alabama Department of Transportation Standard Specifications for Highway Construction, 2012 Edition.

**Note:**  
The Bidder's attention is directed to Subarticle 102.08(b), contained in Special Provision No. 12-0198 concerning combination bids (City Financed Projects).

PREPARED BY:



**ENGINEERING DESIGN TECHNOLOGIES, INC.**  
215 19th Street North, Suite 201 | Birmingham, AL 35203  
office (205) 942-8630 | facsimile (205) 942-8631  
<http://www.edtinc.net>



ENGINEER: ZACHARY P. ROBERTSON  
NO: 24103  
DATE: MAY 10, 2017

- Existing and Required Bridge  
None
- Existing and Required Bridge Culverts  
None
- Equations and Exceptions  
None

	FEET	MILES
Total Stationing of Project	9020.00	
Equations & Exceptions	0.00	
Net Length of Project	9020.00	1.708
Net Length of Bridges	0.00	0.000
Net Length of Roadways	9020.00	1.708

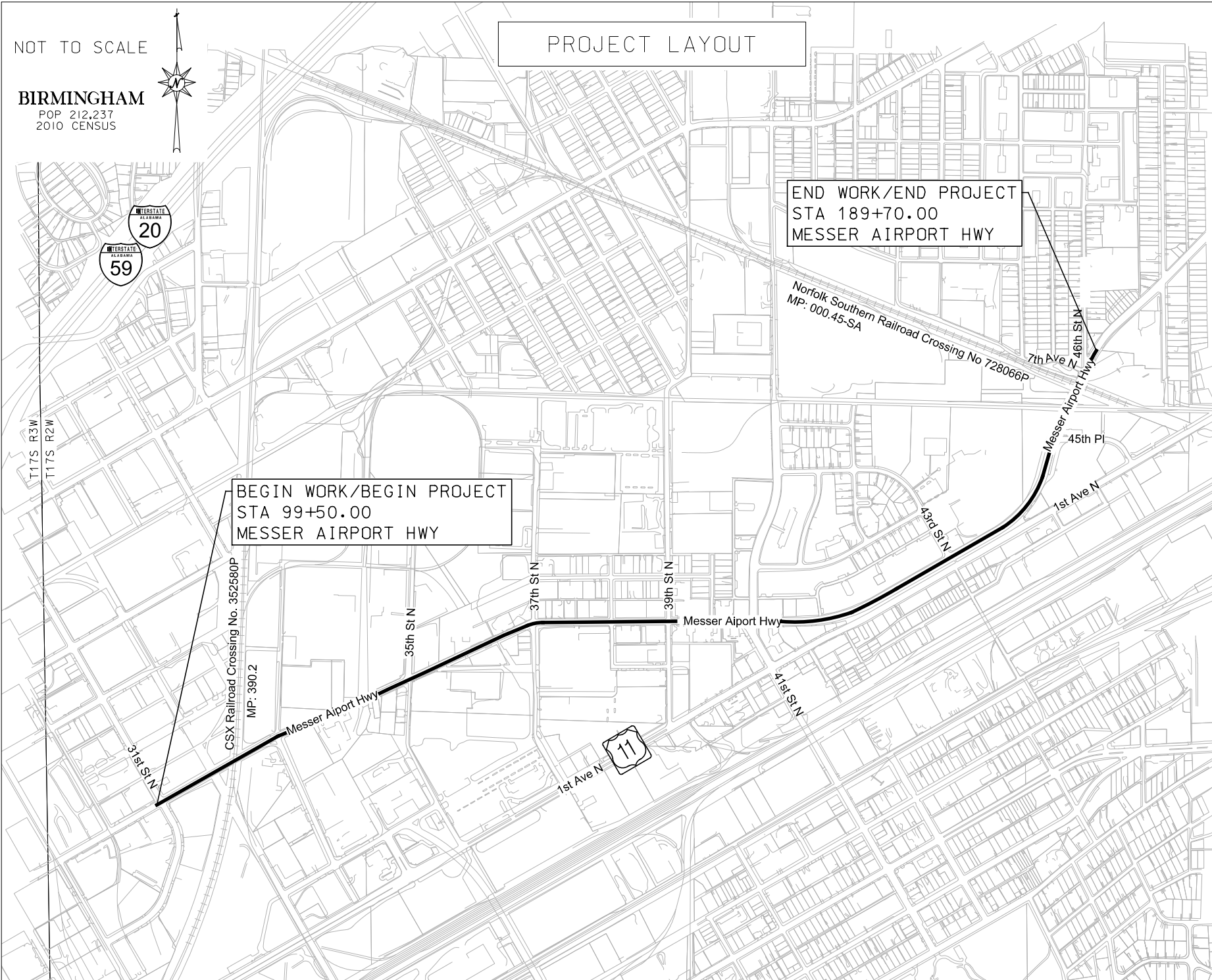
NOT TO SCALE

BIRMINGHAM

POP 212,237  
2010 CENSUS



PROJECT LAYOUT



BEGIN WORK/BEGIN PROJECT  
STA 99+50.00  
MESSER AIRPORT HWY

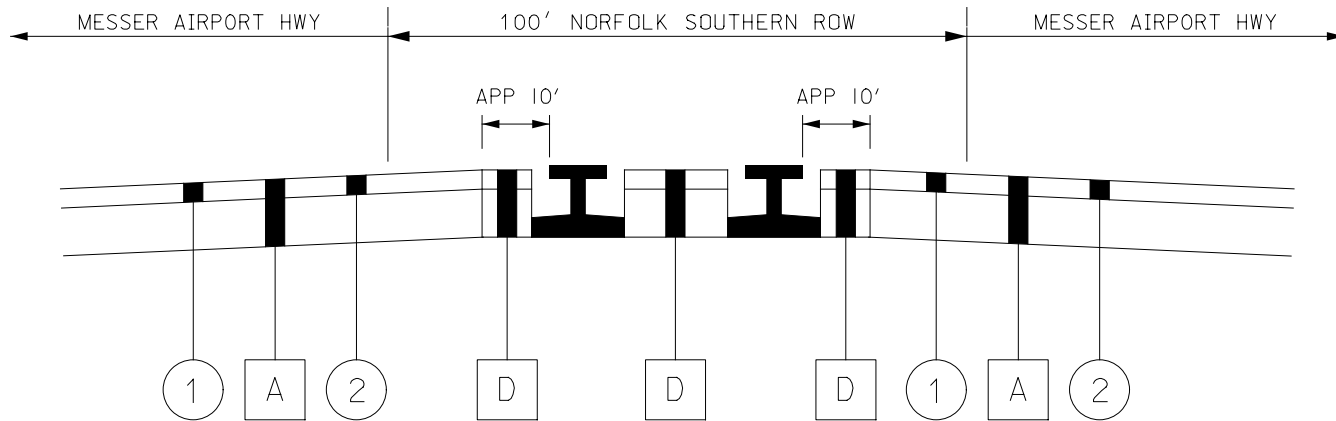
END WORK/END PROJECT  
STA 189+70.00  
MESSER AIRPORT HWY

REFERENCE PROJECT NO	ACAA60993-ATRP (008)
FISCAL YEAR	2017
SHEET NO	1A

PROJECT NOTES: 200,201,203,204  
206,902,903,904

# TYPICAL SECTION

MESSER AIRPORT HIGHWAY  
NORFOLK SOUTHERN RAILROAD CROSSING  
CROSSING NO. 728 066P  
MILEPOST NO. 000.45-SA



## LEGEND

ITEM	UNIT	DESCRIPTION
①	SQ YD	408A-052 REQD PLANING EXISTING PAVEMENT (APPROXIMATELY 1.10" THRU 2.0" THICK) (PLANE 2.00" THICK)
②	TON	424A-360 REQD SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 220 LBS/SY)
A		IN PLACE PAVEMENT (RETAIN AND PLANE AS REQUIRED) (APPROXIMATELY 7" THICK)
D		IN PLACE PAVEMENT (RETAIN)

NOT TO SCALE

REFERENCE PROJECT NO  
ACAA60993-ATRP(008)

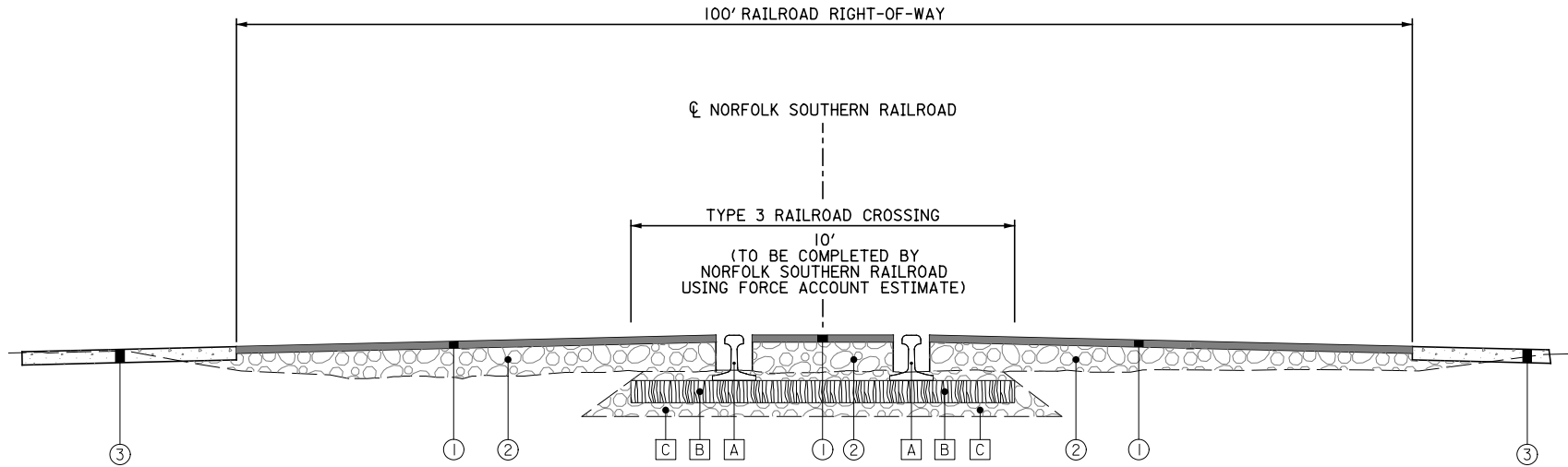
FISCAL YEAR  
2017

SHEET NO  
2C

PROJECT NOTES: 200,201,203,204,  
206,902,903,904

# TYPICAL SECTION

MESSER AIRPORT HIGHWAY  
PEDESTRIAN RAILROAD CROSSING  
NORFOLK SOUTHERN CROSSING NO. 728 066P  
MILEPOST NO. 000.45-SA



LEGEND			
ITEM	UNIT		DESCRIPTION
①	424A-360	TON	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE C/D (APPROXIMATELY 220 LBS/SY)
②	305B-077	TON	CRUSHED AGGREGATE, SECTION 825, FOR MISCELLANEOUS USE
③	618A-000	SQYDS	CONCRETE SIDEWALK, 4" THICK
A			IN PLACE RAILROAD RAIL (RETAIN)
B			IN PLACE RAILROAD TIE (RETAIN)
C			IN PLACE AGGREGATE (RETAIN)

NOT TO SCALE

REFERENCE PROJECT NO  
ACAA60993-ATRP (008)

FISCAL YEAR  
2017

SHEET NO  
2D

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACAA60993-ATRP(008)	2017	2G

PROJECT NOTES

800. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY OWNERS AND DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES ON THIS PROJECT WHETHER SHOWN ON THE PLANS OR NOT. THE LOCATION OF ANY REQUIRED GUARDRAIL, SIGNS, FOOTINGS OF ANY NATURE AND/OR ELECTRICAL/COMMUNICATIONS CONDUCTS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO PREVENT ANY CONFLICTS WITH THESE UTILITIES. UTILITY LINE LOCATE REQUESTS WILL BE LIMITED TO INCREMENTS NOT TO EXCEED 2000 LINEAR FEET PER WORKING DAY OPERATION. MULTIPLE LOCATE REQUESTS WILL BE REQUIRED FOR PROJECTS GREATER THAN 2000 LINEAR FEET IN LENGTH.

801. UTILITY OWNERS:

ALAGASCO:	800-292-4008
ALABAMA POWER:	888-430-5787
BIRMINGHAM WATER WORKS:	205-244-4000
JEFFERSON COUNTY SEWER:	205-325-5138
ATT:	800-288-2020
BRIGHTHOUSE:	205-591-6880
CHARTER:	888-438-2427

900. THERE SHALL BE NO FUEL TANKS STORED ON THE RIGHT-OF-WAY. IN ADDITION, NO FUEL TRUCKS OR VEHICLES TRANSPORTING CHEMICALS, FERTILIZER, ETC., SHALL BE LEFT UNATTENDED ON THE RIGHT-OF-WAY.

901. NPDES PERMIT COVERAGE IS NOT REQUIRED FOR THIS PROJECT.

902. DUE TO THE AIR QUALITY STATUS FOR THE BIRMINGHAM URBANIZED AREA (ALL OF JEFFERSON AND SHELBY COUNTIES). THE CONTRACTOR WILL NOT BE ALLOWED TO CLOSE TRAFFIC LANES DURING THE DAYLIGHT HOURS ON OZONE ALERT DAYS (RED OR HIGHER DAYS) FROM APRIL 1ST THROUGH OCTOBER 31ST.

903. THE CONTRACTOR FOR THE STATE SHALL NOTIFY NORFOLK SOUTHERN RAILROAD IN WRITING A MINIMUM OF 10 DAYS BEFORE WORK IS TO BE STARTED ON THE RAILROAD'S RIGHT-OF-WAY.

904. ALL PERSONS WORKING ON OR OVER NORFOLK SOUTHERN'S TRACKS MUST COMPLY WITH NORFOLK SOUTHERN'S SAFETY RULES.

905. ALL NECESSARY TRAFFIC CONTROL DEVICES (SIGNS, CONES, FLAGGERS, ETC.) WHICH ARE REQUIRED WHEN WORK IS BEING PERFORMED BY THE RAILROAD SHALL BE FURNISHED BY THE CONTRACTOR AND PAID FOR UNDER THE APPROPRIATE ITEMS OF WORK.

906. NORFOLK SOUTHERN SHALL BE RESPONSIBLE FOR ALL WORK RELATED TO THE CONSTRUCTION OF THE PEDESTRIAN CROSSING ACROSS THE RAILROAD TRACKS. LIMITS OF THIS WORK SHALL BEGIN AND END 5 FEET FROM THE CENTERLINE OF THE TRACKS.

907. ALL WORK ON, OVER, UNDER, OR ADJACENT TO NORFOLK SOUTHERN RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE NORFOLK SOUTHERN SPECIAL PROVISIONS FOR THE PROTECTION OF RAILWAY INTERESTS (NS SPECIAL PROVISIONS).

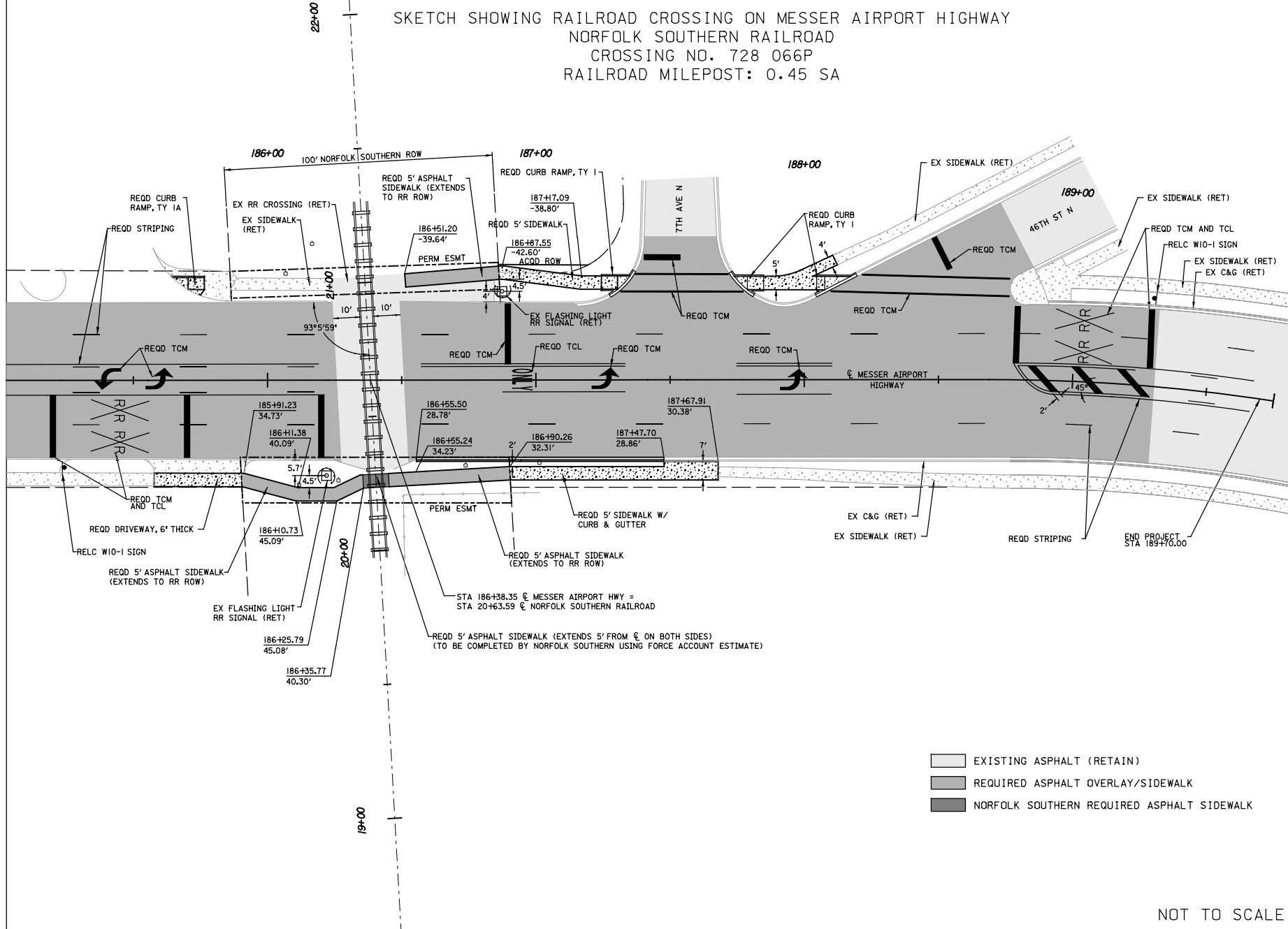
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
ACAA60993-ATRP(008)	2017	2H

PROJECT NOTES

908. "ONE CALL" SERVICES DO NOT LOCATE BURIED RAILROAD SIGNAL AND COMMUNICATIONS LINES. THE CONTRACTOR SHALL CONTACT THE RAILROAD'S REPRESENTATIVE TWO (2) DAYS IN ADVANCE OF THOSE PLACES WHERE EXCAVATION, PILE DRIVING, OR HEAVY LOADS MAY DAMAGE RAILROAD UNDERGROUND LINES ON RAILROAD PROPERTY. UPON REQUEST FROM THE CONTRACTOR OR AGENCY, RAILROAD SIGNAL FORCES WILL LOCATE AND PAINT MARK OR FLAG RAILROAD UNDERGROUND SIGNAL, COMMUNICATION, AND POWER LINES IN THE AREA TO BE DISTURBED FOR THE CONTRACTOR. THE CONTRACTOR SHALL AVOID EXCAVATION OR OTHER DISTURBANCE OF THESE LINES WHICH ARE CRITICAL TO THE SAFETY OF THE RAILROAD AND THE PUBLIC. IF DISTURBANCE OR EXCAVATION IS REQUIRED NEAR A BURIED RAILROAD SIGNAL, COMMUNICATION, OR POWER LINE, THE LINE SHALL BE POTHOLED MANUALLY WITH CAREFUL HAND EXCAVATION BY THE CONTRACTOR AND PROTECTED BY THE CONTRACTOR DURING THE COURSE OF THE DISTURBANCE UNDER THE SUPERVISION AND DIRECTION OF A RAILROAD SIGNAL REPRESENTATIVE.
909. NORFOLK SOUTHERN CORPORATION  
BRIDGES AND STRUCTURES DEPARTMENT  
ATTN: MS. AKYIAA MORRISON, ENGINEER - PUBLIC IMPROVEMENTS  
1200 PEACHTREE STREET NE  
ATLANTA, GA 30309  
PHONE: (404) 529-1225  
EMAIL: AKYIAA.MORRISON@NSCORP.COM

# SPECIAL PROJECT DETAIL

SKETCH SHOWING RAILROAD CROSSING ON MESSER AIRPORT HIGHWAY  
 NORFOLK SOUTHERN RAILROAD  
 CROSSING NO. 728 066P  
 RAILROAD MILEPOST: 0.45 SA



ACAA60993-ATRP(008)	REFERENCE PROJECT NO
2017	FISCAL YEAR
6	SHEET NO

NOT TO SCALE