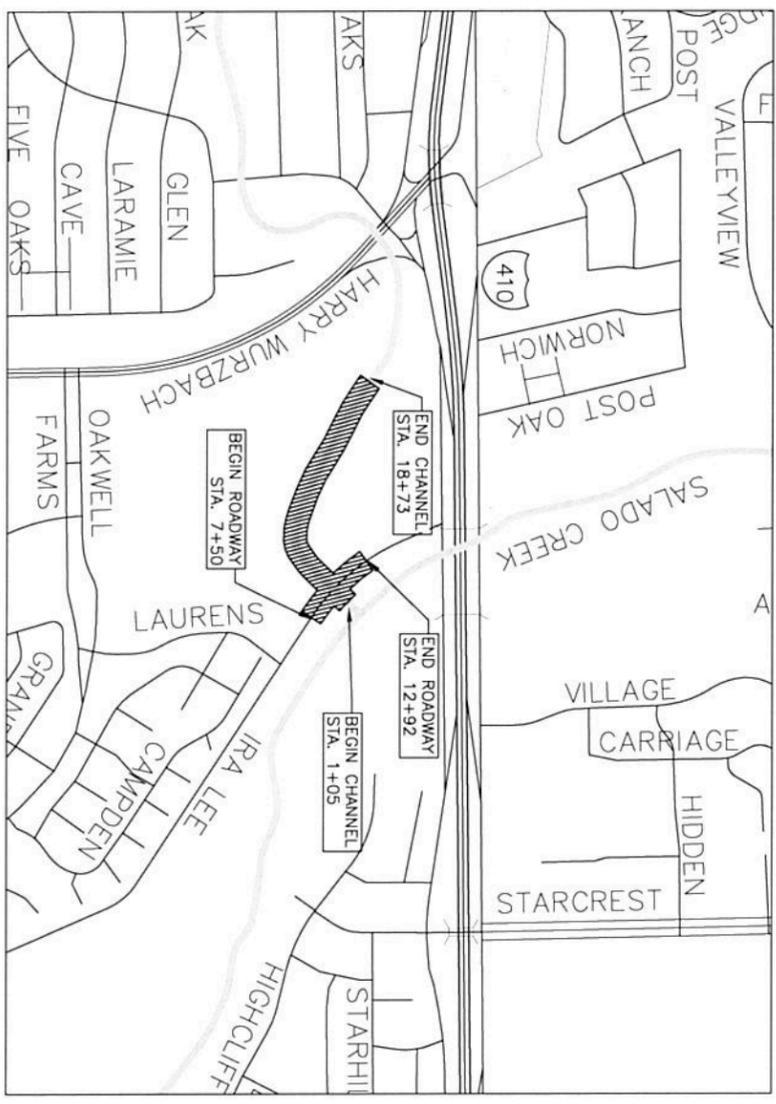


NO.	TITLE
1	COVER
2	CITY OF SAN ANTONIO GENERAL NOTES
3	CITY OF SAN ANTONIO SUPPLEMENTAL NOTES
4	PROJECT CONTROL LAYOUT
5	SURVEY CONTROL DATA
6	TYPICAL CHANNEL SECTIONS AND DETAILS
7	TYPICAL ROADWAY SECTIONS
8	TABLE OF QUANTITIES
9	SEQUENCE OF CONSTRUCTION
10	ADVANCED WARNING SIGNS LAYOUT & DETOUR PLAN
11	BARRICADE AND CONSTRUCTION STANDARDS SHEET 1 OF 4
12	BARRICADE AND CONSTRUCTION STANDARDS SHEET 2 OF 4
13	BARRICADE AND CONSTRUCTION STANDARDS SHEET 3 OF 4
14	BARRICADE AND CONSTRUCTION STANDARDS SHEET 4 OF 4
15	UTILITY & FENCING LAYOUT 1
16	UTILITY & FENCING LAYOUT 2
17	UTILITY & FENCING LAYOUT 3
18	DRAINAGE AREA MAP AND CALCULATIONS
19	SALADO CREEK TRIBUTARY D PLAN & PROFILE 1+00 TO 7+00
20	SALADO CREEK TRIBUTARY D PLAN & PROFILE 7+00 TO 13+00
21	SALADO CREEK TRIBUTARY D PLAN & PROFILE 13+00 TO END
22	DETAILED OUTFALL GRADING PLAN
23	HYDRAULIC DATA SHEET
24	ROADWAY DRAINAGE PLAN
25	CHANNEL DETAILS 1
26	CHANNEL DETAILS 2
27	BORING LOCATION MAP
28	BORING LOGS 1
29	BORING LOGS 2
30	ROADWAY & CULVERT DEMO PLAN
31	RIPPRAP DEMOLITION PLAN
32	IRA LEE ROADWAY PLAN & PROFILE 7+00 TO 13+50
33	DRIVEWAY PLAN & SECTION AND 24" STORM DRAIN ADJUSTMENT
34	CONCRETE DRIVEWAY STANDARDS
35	MISCELLANEOUS CONSTRUCTION STANDARDS I
36	MISCELLANEOUS CONSTRUCTION STANDARDS II
37	WHEELCHAIR RAMP STANDARDS
38	SIGNING & PAVEMENT MARKINGS LAYOUT 7+50 TO 12+00
39	SIGNING & PAVEMENT MARKINGS LAYOUT 12+00 TO END
40	BRIDGE PLAN
41	BRIDGE LAYOUT
42	ADJUSTMENTS NO. 1 AND 3, 2 TO 1 HEADER SLOPE
43	INTERIOR BENTS NO. 2-4
44	PRESTRESSED CONCRETE I-BEAM SPANS
45	ARMOR JOINT DETAILS
46	COMMON FOUNDATION DETAILS 1
47	BRIDGE APPROACH SLAB ASPHALTIC CONCRETE PAVEMENT
48	PRESTRESSED CONCRETE I-BEAM DETAILS 1
49	PRESTRESSED CONCRETE I-BEAM DETAILS 2
50	ELASTOMERIC BEARING AND BEAM END DETAILS 1
51	ELASTOMERIC BEARING AND BEAM END DETAILS 2
52	DIAPHRAM OPTIONS
53	MISCELLANEOUS SLAB DETAILS
54	PRESTRESSED CONCRETE I-BEAM DESIGNS
55	MINIMUM ERECTION AND BRACING REQUIREMENTS 1
56	MINIMUM ERECTION AND BRACING REQUIREMENTS 2
57	PRESTRESSED CONCRETE PANELS 1
58	PRESTRESSED CONCRETE PANELS 2
59	PRESTRESSED CONCRETE PANELS 3
60	PRESTRESSED CONCRETE PANELS 4
61	THICKENED SLAB END DETAILS
62	COMBINATION RAIL 1
63	COMBINATION RAIL 2
64	COMBINATION RAIL 3
65	COMBINATION RAIL 4
66	TREE INVENTORY AND NOTES
67	TREE PRESERVATION PLAN 1+00 TO 7+00
68	TREE PRESERVATION PLAN 7+00 TO END
69	TREE PROTECTION DETAILS
70	STORM WATER POLLUTION PREVENTION PLAN (SWP3) NARRATIVE
71	ENVIRONMENTAL PERMITS, ISSUES AND COMMITMENTS EPIC
72	EROSION AND SEDIMENTATION CONTROL PLAN 1+00 TO 7+00
73	TEMP. EROSION, SEDIMENT, & WATER POLLUTION CTRL MEASURES STNDS 1
74	TEMP. EROSION, SEDIMENT, & WATER POLLUTION CTRL MEASURES STNDS 2
75	TEMP. EROSION, SEDIMENT, & WATER POLLUTION CTRL MEASURES LAYOUT
76	SALADO CREEK TRIBUTARY D CROSS SECTIONS LAYOUT
77	SALADO CREEK TRIBUTARY D CROSS SECTIONS 1+25 TO 2+40
78	SALADO CREEK TRIBUTARY D CROSS SECTIONS 3+00 TO 3+00
79	SALADO CREEK TRIBUTARY D CROSS SECTIONS 6+00 TO 8+00
80	SALADO CREEK TRIBUTARY D CROSS SECTIONS 9+00 TO 11+00
81	SALADO CREEK TRIBUTARY D CROSS SECTIONS 12+00 TO 14+00
82	SALADO CREEK TRIBUTARY D CROSS SECTIONS 15+00 TO 17+00
83	SALADO CREEK TRIBUTARY D CROSS SECTIONS 18+00 TO 18+65
84	IRA LEE ROAD CROSS SECTIONS LAYOUT
85	IRA LEE ROAD CROSS SECTIONS 7+25 TO 8+50
86	IRA LEE ROAD CROSS SECTIONS 8+25 TO 10+00
87	IRA LEE ROAD CROSS SECTIONS 10+25 TO 11+50
88	IRA LEE ROAD CROSS SECTIONS 11+75 TO 13+00



PUBLIC WORKS DEPARTMENT
FLOOD CONTROL C.I.P. OFFICE

SALADO CREEK TRIBUTARY D
at IRA LEE ROAD (SC-411)



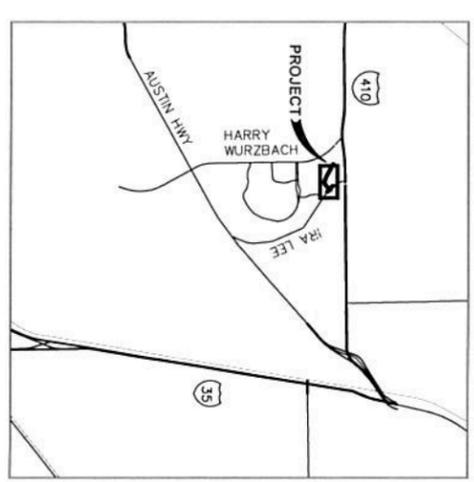
BEXAR COUNTY COMMISSIONERS COURT
COUNTY JUDGE

NELSON W. WOLF	PRECINCT 1
SERGIO "CHICO" RODRIGUEZ	PRECINCT 2
PAUL ELIZONDO	PRECINCT 3
KEVIN WOLFF	PRECINCT 4
TOMMY ADKISSON	

PREPARED BY:



1100 NW Loop 410, Suite 350
San Antonio, Texas 78213
210.826.4611 | fax 210.826.4906 | www.cobbhendley.com



VICINITY MAP
N.T.S.

95% PRE-FINAL

ROADWAY DESIGN DATA
ROADWAY = 438.0 FT
BRIDGE = 104.0 FT
NET LENGTH OF ROADWAY PROJECT = 452.0
DESIGN SPEED = 35 MPH
ADT = 1456
FUNCTIONAL CLASS = LOCAL TYPE "B"



RENEE GREEN, P.E.
DIRECTOR OF PUBLIC WORKS

Salado Creek Trib D

-  0.2% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard
-  1% Annual Chance Flood Hazard -
-  Floodway

Map Comments:



NOTE: This information is based on the Digital Flood Insurance Rate Map (DFIRM) for the communities within Bexar, Wilson, Karnes, and Goliad Counties. This map does not imply that the area depicted in the map will or will not be free from flooding or damage. An area not in a Special Flood Hazard Area may be damaged by a flood greater than that predicted by the DFIRM or from a local drainage problem not shown on the map. This map does not create liability on the part of the San Antonio River Authority, or any officer or employee thereof, for any damage that results from reliance on this information. This map does not serve as official FEMA documentation for use in flood determination.

Disclaimer:
The GIS material included with this transmittal is made available as a public service. The maps and/or data are to be used for reference and/or informational purposes only and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. The data herein shall be used and relied upon only at the user's sole risk, and the user agrees to indemnify and hold harmless the San Antonio River Authority, its officials and employees from any liability arising out of the use of the data or information provided. If there are any questions about the appropriateness of this data, please email saragis@sarathx.org



LEGEND:

- PROPOSED 100-YR FLOOD LIMITS
- DFIRM 100-YR FLOOD LIMITS

LOOP 410

PROPOSED ULTIMATE 100-YR FLOOD LIMITS

PROPOSED BRIDGE AT IRA LEE



NORTH
SCALE: 1"=200'

Salado Creek Trib D at Ira Lee (SC-41)
Bexar County Public Works
Flood Control Division
233 N. Pecos Suite 420
San Antonio, TX 78207
(210) 335-6700 (office)
(210) 335-6713 (fax)

LEGEND:

-  PROPOSED 100-YR FLOOD LIMITS
-  DFIRM 100-YR FLOOD LIMITS

LOOP 410

PROPOSED ULTIMATE 100-YR FLOOD LIMITS

TRIBUTARY D TO SALADO CREEK

DFIRM ULTIMATE 100-YR FLOOD LIMITS

GARNER MIDDLE SCHOOL

PROPOSED BRIDGE AT IRA LEE

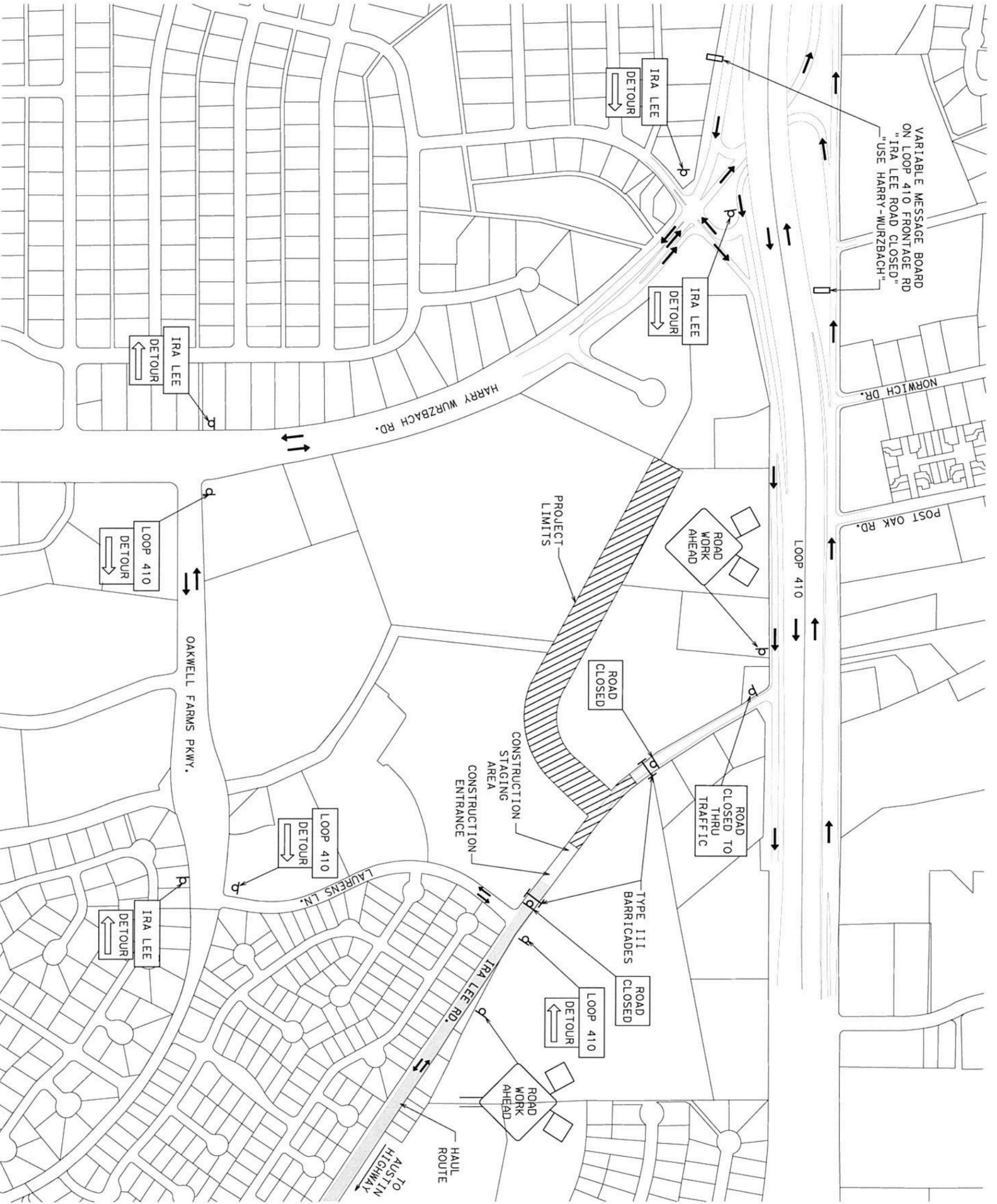
IRA LEE

SALADO CREEK



SCALE: 1" = 100'

Salado Creek Trib D at Ira Lee (SC-41)
Bexar County Public Works
Flood Control Division
233 N. Pecos Suite 420
San Antonio, TX 78207
(210) 335-6700 (office)
(210) 335-6713 (fax)



VARIABLE MESSAGE BOARD
ON LOOP 410 FRONTAGE RD
"IRA LEE ROAD CLOSED"
"USE HARRY-WURZBACH"

NORWICH DR.

POST OAK RD.

LOOP 410

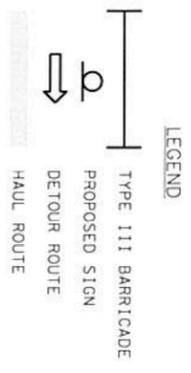
HARRY WURZBACH RD.

OAKWELL FARMS PKWY.

LAURENS LN.

IRA LEE RD.

TO AUSTIN
HIGHWAY



- NOTES
1. ALL SIGNS AND BARRICADES SHALL MEET THE REQUIREMENTS OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
 2. IRA LEE RD. CLOSED. USE HARRY-WURZBACH.
 3. FOR HAUL ROUTE, USE IRA LEE SOUTH TO AUSTIN HIGHWAY.

SCHEDULE OF BARRICADES

- 2 TYPE III BARRICADES

ADVANCED WARNING SIGNS LAYOUT & DETOUR PLAN

SALADO CREEK AT IRA LEE ROAD CHANNEL IMPROVEMENTS



1101 W. LOOP WEST, SUITE 200
IRVING, TEXAS 75038
214.639.8111 | www.cobbremedy.com

DATE: 7/7/2014	JOB NO: 1312-037-01	SCALE: 1" = 400'
DESIGNED: RR	CHECKED: AG	SHEET: 10 OF 88
DRAWN: RR	APPROVED: AG	