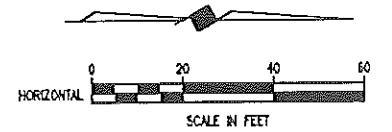


WARNING POWER
ONCOR ELECTRICAL CONDUIT
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

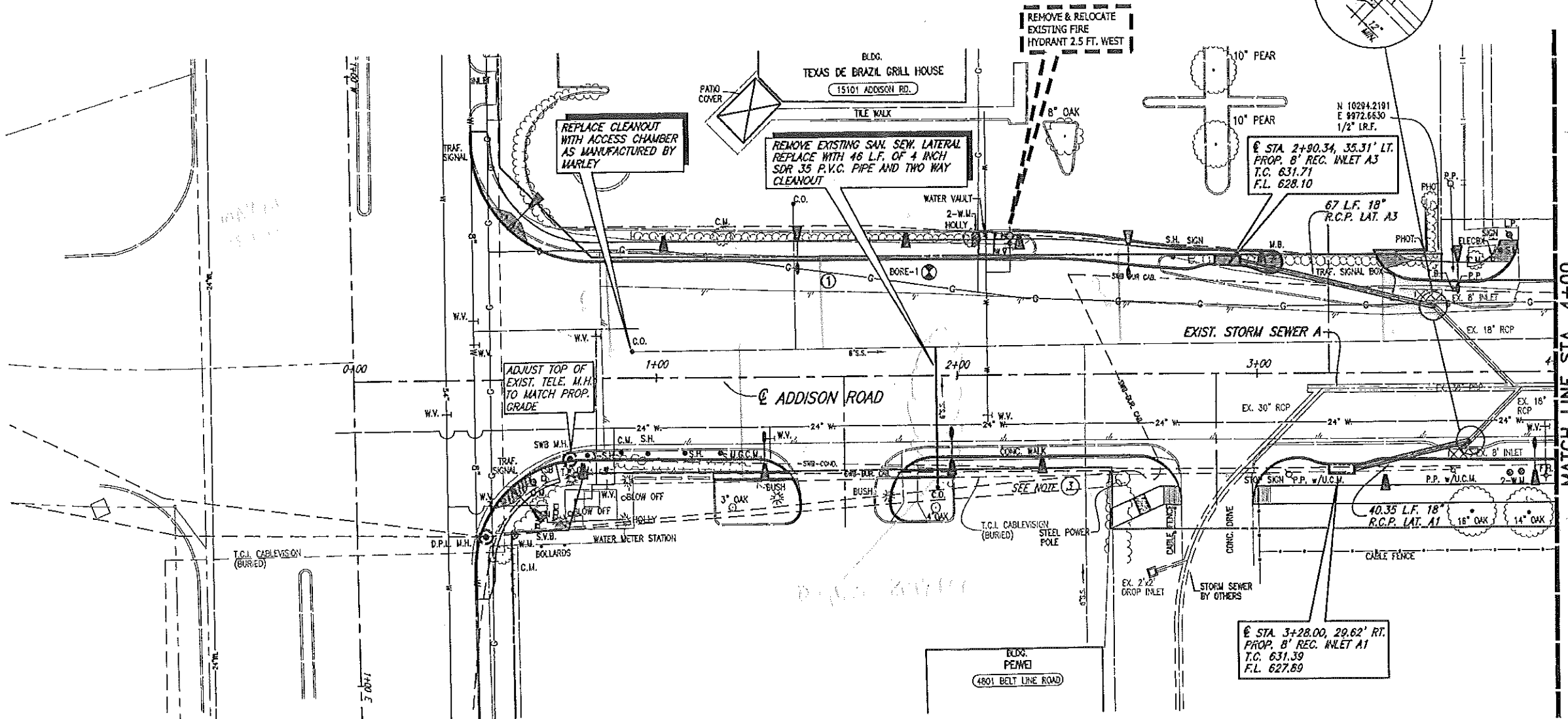
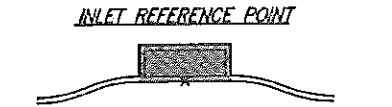
WARNING ONCOR GAS LINE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING TELEVISION BURIED CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING S.W. BELL BURIED TELEPHONE CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT



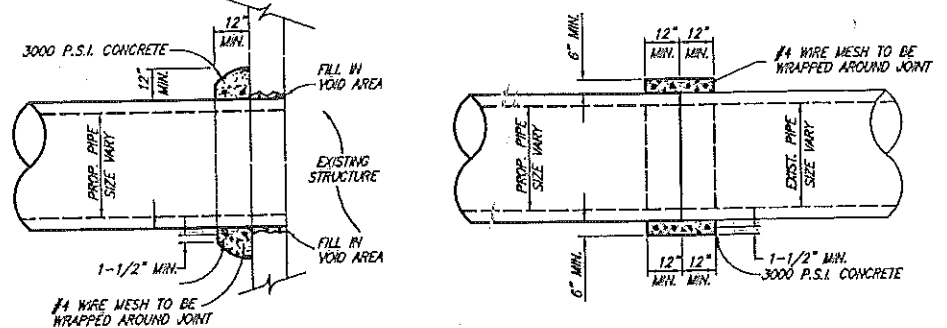
- B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79



EXISTING STORM SEWER PIPE REMOVAL
XXXXXXXXXX

- NOTES:**
- CONNECTING TO EXISTING STORM SEWER & REMOVAL OF EXISTING STORM SEWER PIPE, INLETS AND OTHER APPURTENANCES IS SUBSIDIARY TO PROPOSED STORM SEWER SYSTEM INSTALLATION.
 - USED 1978 ADDISON ROAD AND KELLER SPRINGS CONSTRUCTION PLANS TO SHOW APPROXIMATE LOCATION AND DEPTH OF EXISTING STORM SEWER SHOWN IN THE PLANS, ALONG WITH LOCATING AND MEASURING THE DEPTH OF EXISTING STORM SEWER STRUCTURES.
 - POSITIVE FLOW FROM EXIST. FLUME SHALL BE MAINTAINED.

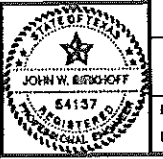
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DETAIL OF PIPE CONNECTION W/ EXISTING PIPE OR STRUCTURE
INSIDE JOINT SHALL BE CONCRETE MORTAR IF PIPE SIZES ARE DIFFERENT

① FIELD CHANGE NO. 1 MARCH 22, 2007

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
John Birkhoff
DATE: 3/22/07



TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 0+00 TO STA. 4+00

BIRKHOFF, HENDRICKS & CONWAY L. L. P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 2002102	SHEET NO. 36
DRAWN BY: R.J.L.	DATE: SEPTEMBER 2006	OF 68 SHEETS

PLOTTED BY: WHAYS ON 3/27/2007

PLOT STYLE: 11M17D.ctb

PLOT SCALE: 1:40

H:\Projects\Addison\2007\02\PHASE1\Sheet\2002102C37_SIS.dwg

REVISED: 3/27/07 - WHAYS

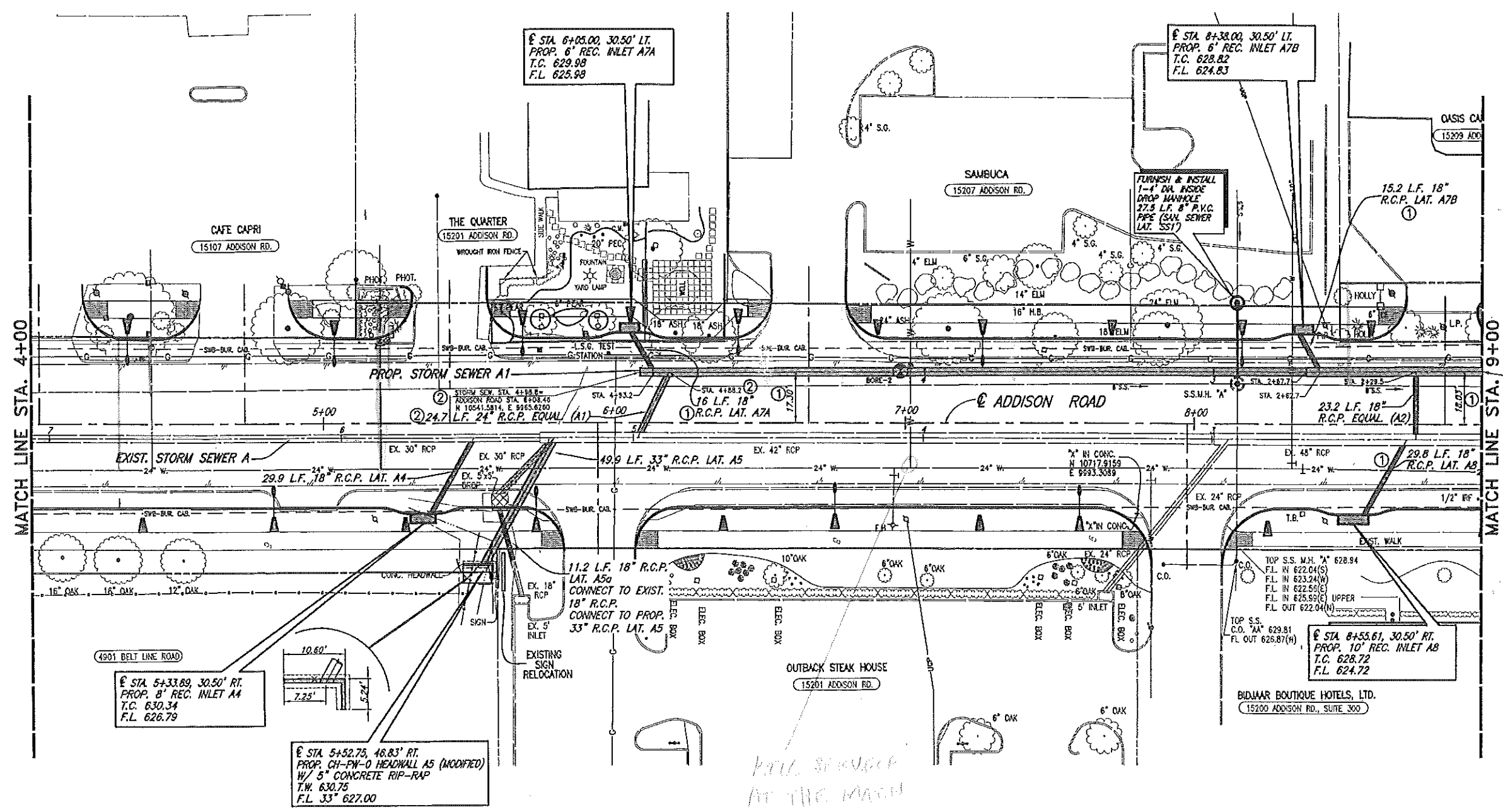
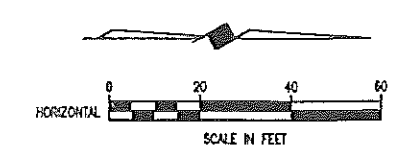
WARNING POWER
DANGER ELECTRICAL CONDUIT
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
DANGER GAS LINE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

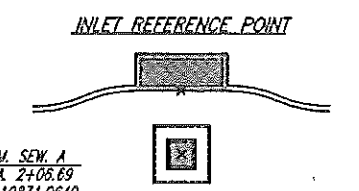
WARNING
TELEVISION
BURIED CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
S.W. BELL BURIED
TELEPHONE CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

NO EXCAVATION
CALL US
BEFORE YOU DIG



- B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF BIRKHOFF RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
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STM. SEW. A
STA. 2+05.69
N 10031.0640
E 9931.0274

EXISTING STORM SEWER PIPE REMOVAL

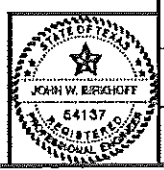
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- ② FIELD CHANGE NO. 2 MARCH 27, 2007
-SHORTEN LINE A BY 20.2 FEET.
-SHIFT EQUALIZER LATERAL (A1) 25.6 FEET NORTH
- ① FIELD CHANGE NO. 1 MARCH 22, 2007

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES

John W. Birkhoff
DATE: 3/27/07



TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 4+00 TO STA. 9+00

BIRKHOFF, HENDRICKS & CONWAY L. L. P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 37
DRAWN BY: R.J.L. DATE: SEPTEMBER 2006 OF 68 SHEETS

3/21/07 - WHAYS

REVISION: 3/21/07 - WHAYS

PLotted BY: WHAYS ON 3/22/2007

Plot Style: 11x17D.ctb

WARNING POWER
ONCOR ELECTRICAL CONDUIT
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

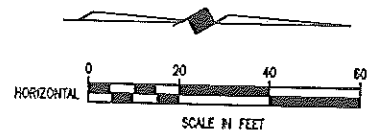
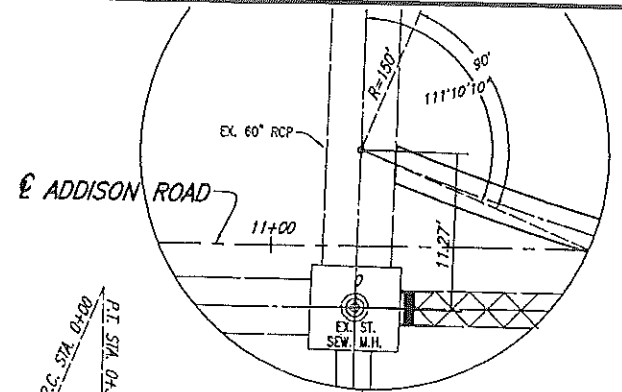
WARNING ONCOR GAS LINE
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OF PROJECT

WARNING TELEVISION BUREAU
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING S.W. BELL BUREAU
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT



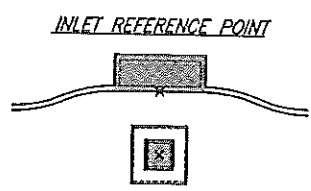
CALL US BEFORE YOU DIG



- B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF IRWOOD RD. ELEV. 630.59
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- T.B.M. AR-3 "C" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR., WEST SIDE OF ADDISON RD., STA. 18+76, 45 FEET LT. ELEV. 635.38



TREE REMOVAL



EXISTING STORM SEWER PIPE REMOVAL

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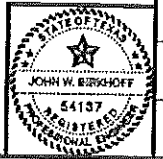
TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 9+00 TO STA. 14+00

BIRKHOFF, HENDRICKS & CONWAY L. L. P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 38
DRAWN BY: R.J.L. DATE: SEPTEMBER 2006 OF 69 SHEETS

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMITS PURPOSES.
DATE: 3/22/07



FIELD CHANGE NO. 1 MARCH 22, 2007

STORM SEWER A1
STA. 2+06.69
N 10831.0640
E 9931.0274

STA. 10+10.00, 30.50' LT.
PROP. 8" REC. INLET A11
T.C. 628.12
F.L. 624.12

STA. 0+00
CONSTRUCT 6.5'x6.5'
JUNCTION BOX A1
CENTER OF JCT. BOX
N 11036.2890
E 9906.4993

PROP. STA. SEW. "C1"
CURVE DATA
Δ = 22°20'40"
R = 150.00'
T = 29.63'
L = 58.50'

STA. 12+00.00, 30.50' LT.
PROP. 8" REC. INLET CE4
T.C. 629.10
F.L. 623.60

STA. SEW. CE
STA. 2+95.11
N 11330.3857
E 9895.7916

13.7 L.F. 18"
R.C.P. LAT. CE1

STA. 10+12.00, 30.50' RT.
PROP. 8" REC. INLET CE2
T.C. 629.10
F.L. 624.07

STA. 10+10.00, 30.50' RT.
PROP. 8" REC. INLET A10
T.C. 628.12
F.L. 624.12

REMOVE & RELOCATE
EXISTING FIRE
HYDRANT 5.5 FT. EAST

BIDJAMAR BOUTIQUE HOTELS, LTD.
15200 ADDISON RD., SUITE 300

MINVOL CENTRE
15280 ADDISON RD.

SEE SHEET 36
FOR PIPE CONNECTION.
ADJUST TOP OF EXIST. JUNCT.
BOX TO MATCH PROP. GRADE

13.5 L.F. 18"
R.C.P. LAT. A9

14.5 L.F. 24"
R.C.P. LAT. A11

2-GRATE INLET
STA. 0+00
CONNECT TO EXIST.
STORM SEWER LINE D

41.0 L.F. 18"
R.C.P. LAT. CE4

36.8 L.F. 18"
R.C.P. LAT. CE3

23.4 L.F. 24"
R.C.P. EQUIL. (A3)

29.8 L.F. 24"
R.C.P. LAT. A10

PROP. 30" PLUG
29.8 L.F. 18"
R.C.P. LAT. CE2

ST. SEW. M.H. "C"

TOP STA. M.H. 639.12
FL IN 624.07
FL OUT 624.07

ADDISON ROAD
P.I. STA. 9+70.88

PROP. STORM SEWER A1
EXIST. ST. SEW. A

PROP. STORM SEWER C1

ADDISON ROAD
EXIST. ST. SEW. C

PROP. STORM SEWER CE-
179'27.51'

PROP. 18" PLUG

EX. 5" INLET

EX. 4" INLET

EX. 30" RCP

EX. 18" RCP

EX. 3" INLET

EX. 24" RCP

EX. 5.31'

EX. 6" INLET

EX. 4" INLET

EX. 30" RCP

EX. 18" RCP

EX. 3" INLET

EX. 24" RCP

EX. 5.31'

EX. 5.31'

EX. 5" INLET

EX. 4" INLET

EX. 30" RCP

EX. 18" RCP

EX. 3" INLET

EX. 24" RCP

EX. 5.31'

EX. 5.31'

EX. 5" INLET

EX. 4" INLET

EX. 30" RCP

EX. 18" RCP

EX. 3" INLET

EX. 24" RCP

EX. 5.31'

EX. 5.31'

EX. 5" INLET

EX. 4" INLET

EX. 30" RCP

EX. 18" RCP

EX. 3" INLET

EX. 24" RCP

EX. 5.31'

EX. 5.31'

EX. 5" INLET

EX. 4" INLET

EX. 30" RCP

EX. 18" RCP

EX. 3" INLET

EX. 24" RCP

EX. 5.31'

EX. 5.31'

EX. 5" INLET

EX. 4" INLET

EX. 30" RCP

EX. 18" RCP

EX. 3" INLET

EX. 24" RCP

EX. 5.31'

EX. 5.31'

EX. 5" INLET

EX. 4" INLET

EX. 30" RCP

EX. 18" RCP

EX. 3" INLET

EX. 24" RCP

EX. 5.31'

EX. 5.31'

EX. 5" INLET

EX. 4" INLET

EX. 30" RCP

EX. 18" RCP

EX. 3" INLET

EX. 24" RCP

EX. 5.31'

EX. 5.31'

EX. 5" INLET

EX. 4" INLET

EX. 30" RCP

EX. 18" RCP

EX. 3" INLET

EX. 24" RCP

EX. 5.31'

EX. 5.31'

EX. 5" INLET

EX. 4" INLET

EX. 30" RCP

EX. 18" RCP

EX. 3" INLET

EX. 24" RCP

EX. 5.31'

EX. 5.31'

PLOTTED BY: WHAYS ON 3/22/2007

PLOT STYLE: 11x17D.ctb

PLOT SCALE: 1:40

H:\Projects\Addison\2002102\PHASE1\Sheet\2002102CS6_SISnew.dwg

REVISION: 3/22/07 - WHAYS

WARNING POWER
ONCOR ELECTRICAL CONDUIT
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

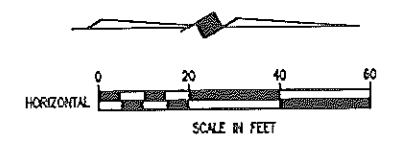
WARNING ONCOR GAS LINE
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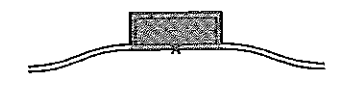


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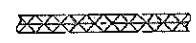


B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF RWOOD RD. ELEV. 630.59
T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
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INLET REFERENCE POINT

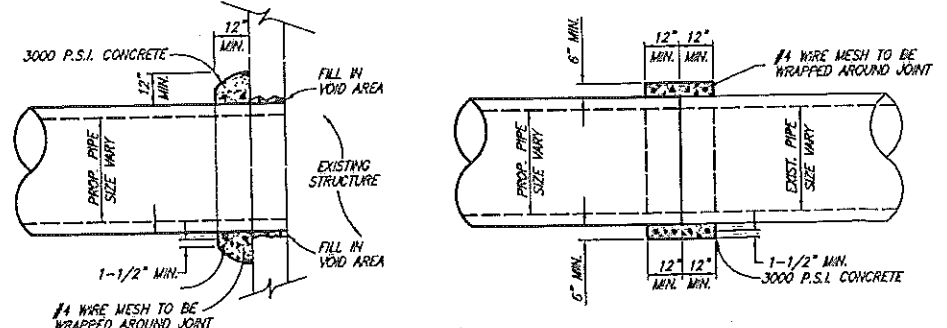
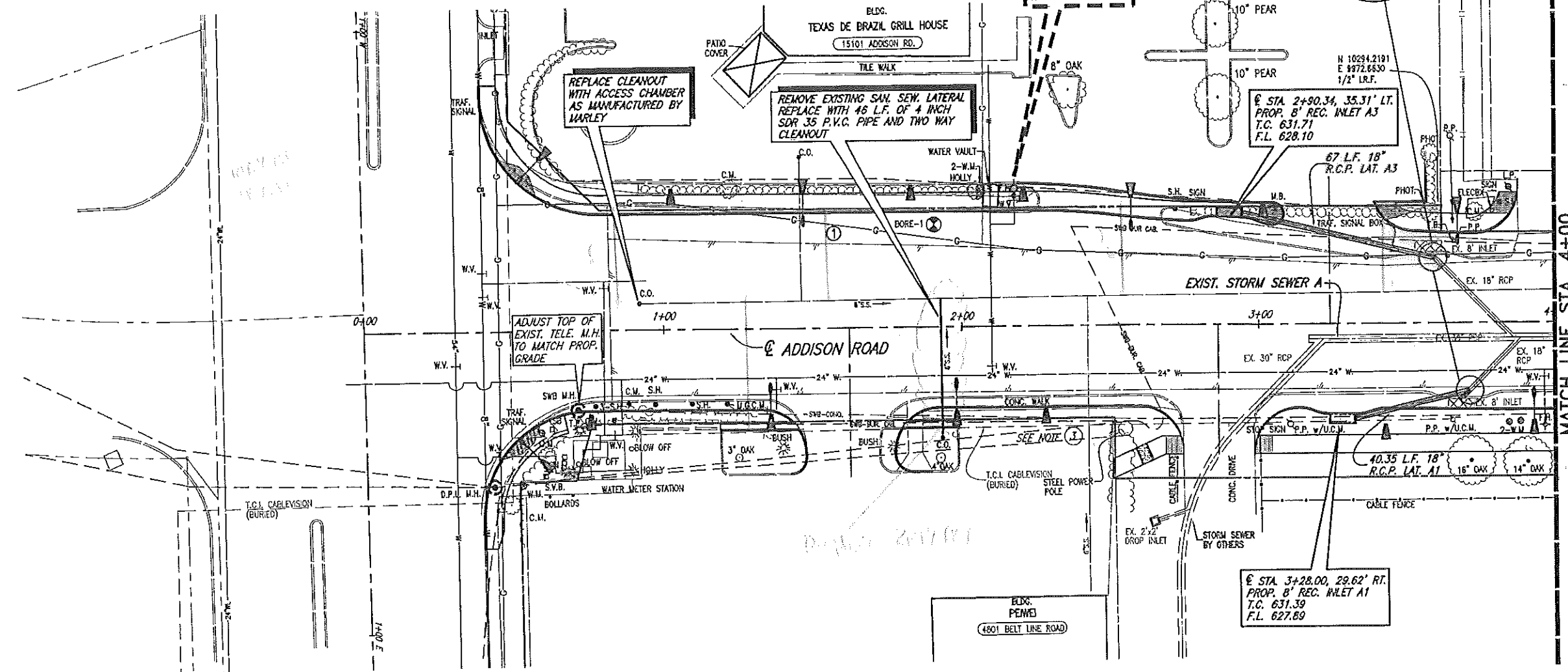


EXISTING STORM SEWER PIPE REMOVAL



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DETAIL OF PIPE CONNECTION W/ EXISTING PIPE OR STRUCTURE
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① FIELD CHANGE NO. 1 MARCH 22, 2007

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John W. Birkhoff
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TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
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BIRKHOFF, HENDRICKS & CONWAY L. L. P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 2002 102	SHEET NO. 36
DRAWN BY: R.J.L.	DATE: SEPTEMBER 2006	OF 68 SHEETS

PLOTTED BY: WHANS ON 3/22/2007

PLOT STYLE: 11x17D.ctb

PLOT SCALE: 1:40

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REVISED: 3/21/07 - WHANS

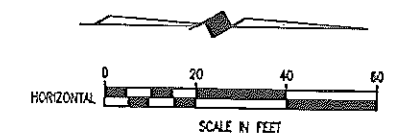
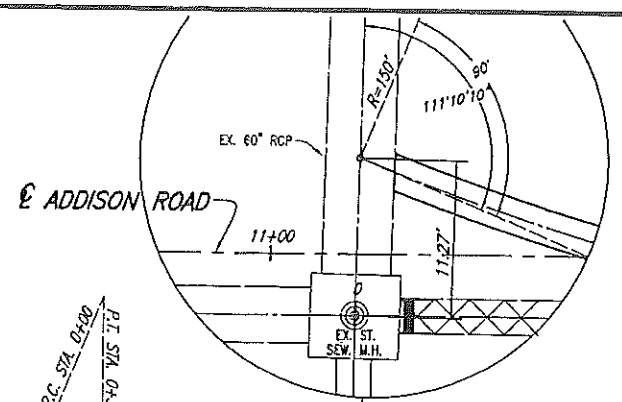
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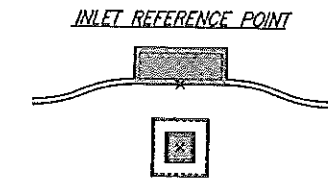
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STM. SEW. CE
STA. 2+95.11
N 11330.3857
E 9895.7916



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TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
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STORM SEWER PLAN - STA. 9+00 TO STA. 14+00

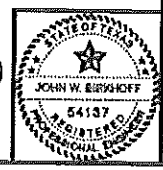
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Dallas, Texas

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 38
DRAWN BY: R.L.L. DATE: SEPTEMBER 2006 OF 68 SHEETS

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John W. Birkhoff

DATE: 3/22/07



① FIELD CHANGE NO. 1 MARCH 22, 2007

RIGHT LANE
MUST TURN
RIGHT

MATCHLINE AA

ARAPAHO RD

FINAL REVIEW

NO PROBLEMS FOUND
 REVISIONS REQUIRED
 REVISIONS REQUIRED AND RESUBMIT
 REVISIONS REQUIRED AND RESUBMIT SPECIFIED ITEM

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION IN THE CONTRACT DOCUMENTS AND SHALL BE RESPONSIBLE FOR THE INFORMATION WHICH IS SUBJECT TO THE REQUIREMENTS OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INFORMATION WHICH IS SUBJECT TO THE REQUIREMENTS OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INFORMATION WHICH IS SUBJECT TO THE REQUIREMENTS OF THE PROJECT.

BY: *[Signature]* DATE: 5/2/07

NOTICE

THIS TRAFFIC CONTROL PLAN WAS PREPARED AS A COURTESY TO BOTH THE GENERAL CONTRACTOR AND THE PROJECT OWNERS BY DALLAS LITE & BARRICADE, INC. IT IS MEANT AS A "MINIMUM GUIDELINE TO HELP BOTH THE GENERAL CONTRACTOR AND THE PROJECT OWNERS DETERMINE WHAT SIGNS AND BARRICADES WILL BE NEEDED." ACTUAL FIELD CONDITIONS MAY NECESSITATE MORE OR LESS EQUIPMENT TO BE REQUIRED. DALLAS LITE & BARRICADE, INC., ITS AGENTS AND REPRESENTATIVES HEREBY DISCLAIM ANY LIABILITY OF WHATSOEVER CAUSE IN CONNECTION WITH THE PLACEMENT, THE TYPE OF EQUIPMENT ACTUALLY INSTALLED AND THE RESPONSIBILITY FOR PLACEMENT. RESPONSIBILITY FOR ACTUAL NUMBERS, TYPE OF DEVICES, AND PLACEMENT OF DEVICES REQUIRED BELONGS TO THE GENERAL CONTRACTOR AND PROJECT OWNERS. DALLAS LITE & BARRICADE, INC.'S ONLY RESPONSIBILITY SHALL BE TO SERVICE THE DEVICES WHEN REQUIRED AND TO REPLACE SUCH QUANTITIES OF THEIR PRODUCTS PROVED TO BE DEFECTIVE.

PREPARED BY: G K HOWELL
 04/24/2007

ADDISON RD

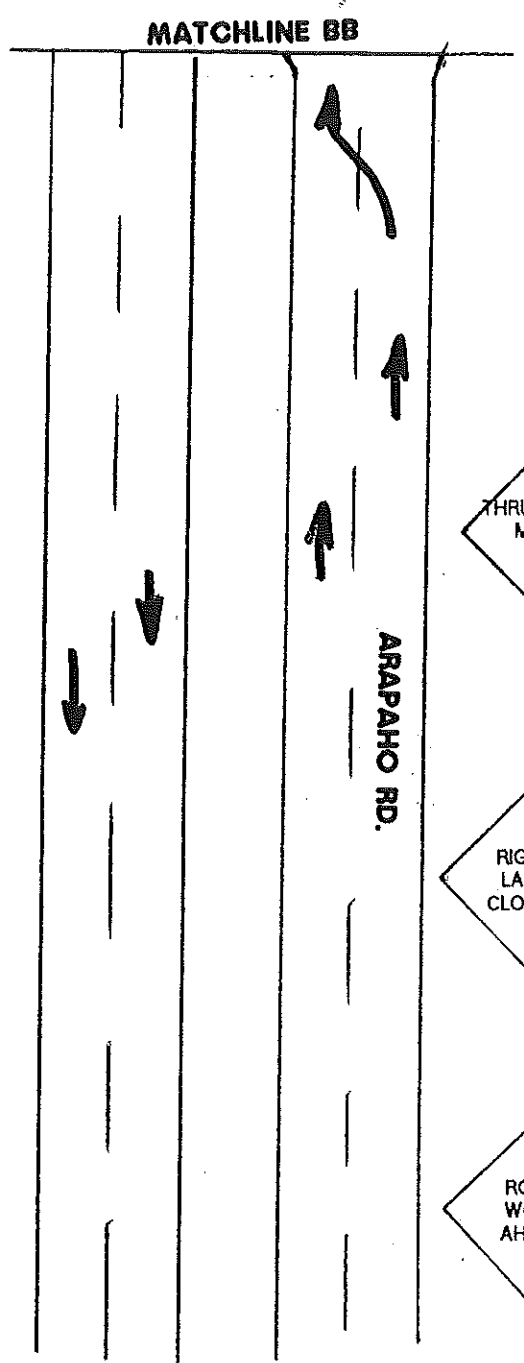
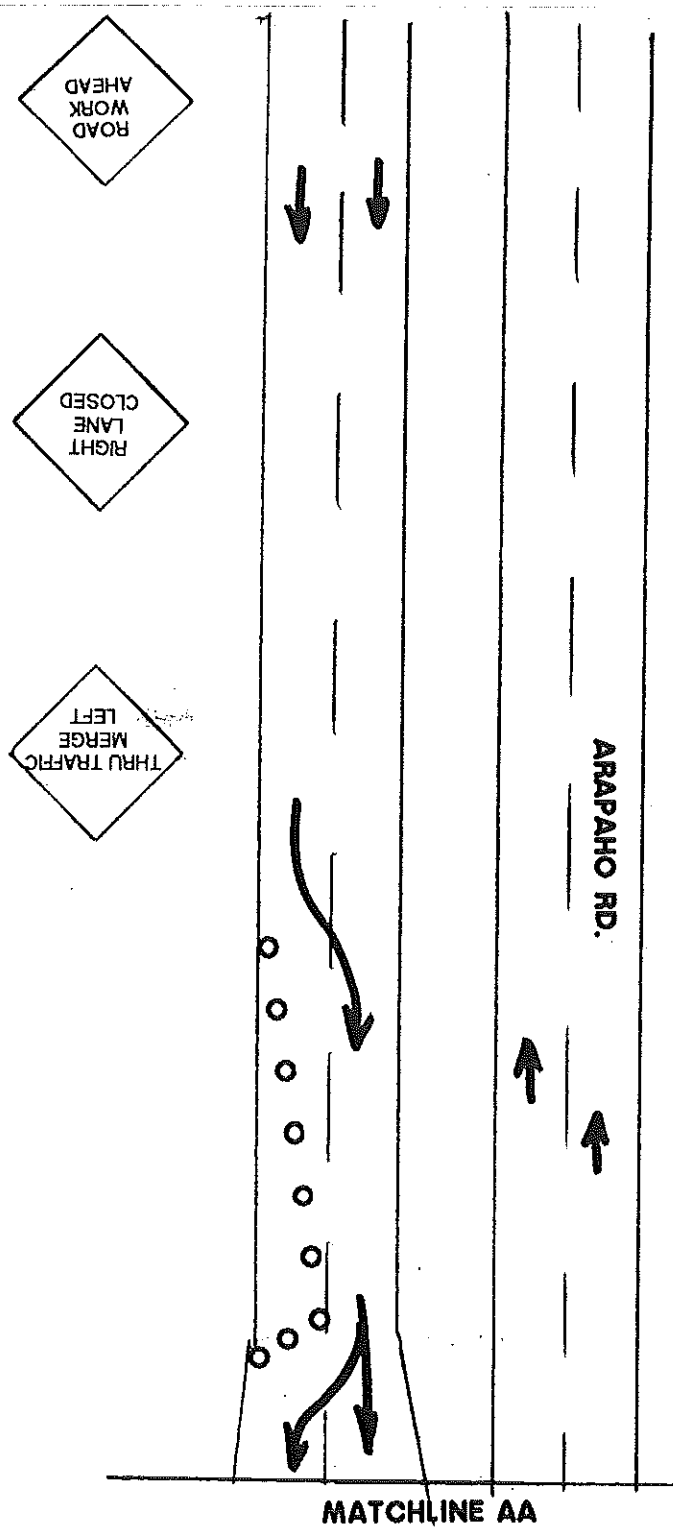
NOTE: 1/2 OF DRIVEWAY
 TO REMAIN OPEN

DART RAIL

INTERSECTION PHASE 1

MATCHLINE BB

MATCHLINE CC

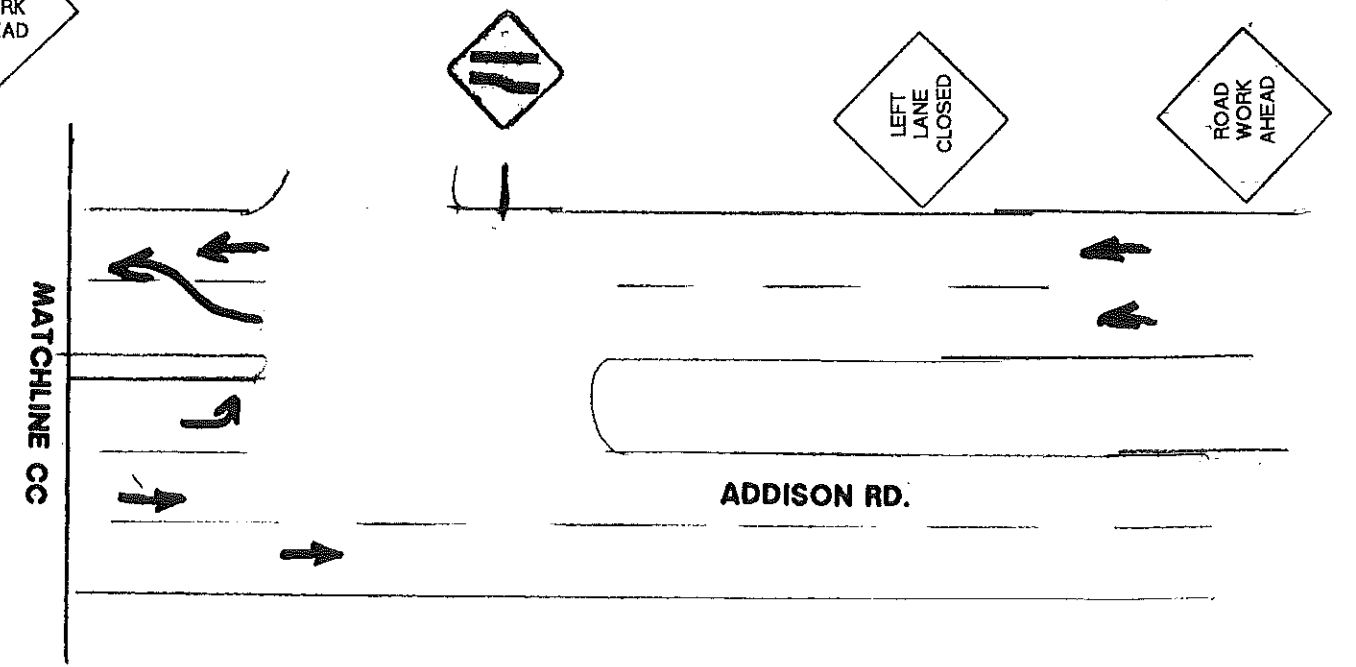


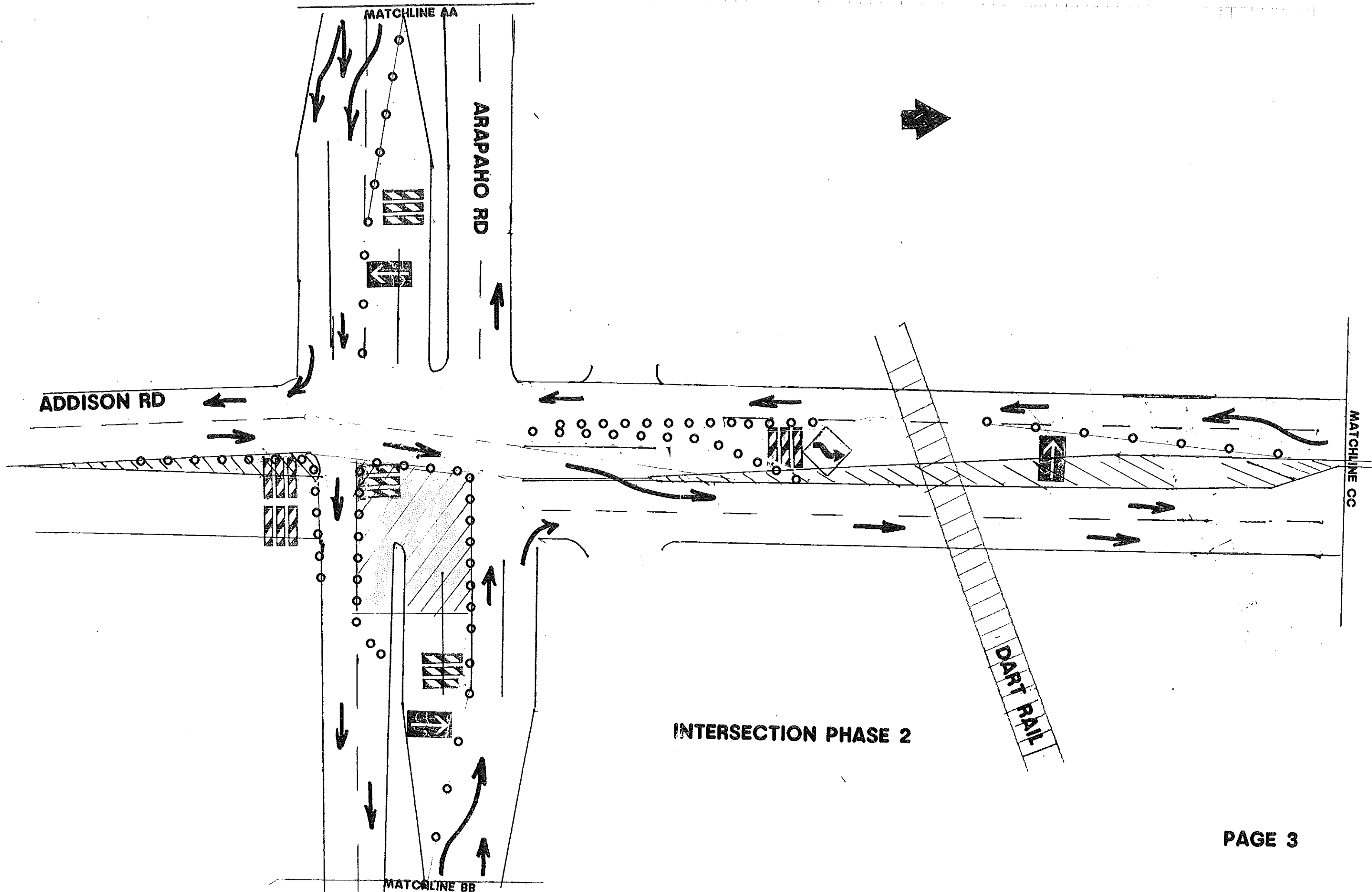
**SIGN SPACING
TAPER LENGTH & SPACING
BASED ON SPEED LIMIT IN ACCORDANCE WITH MUTCD**

MATCHLINE AA

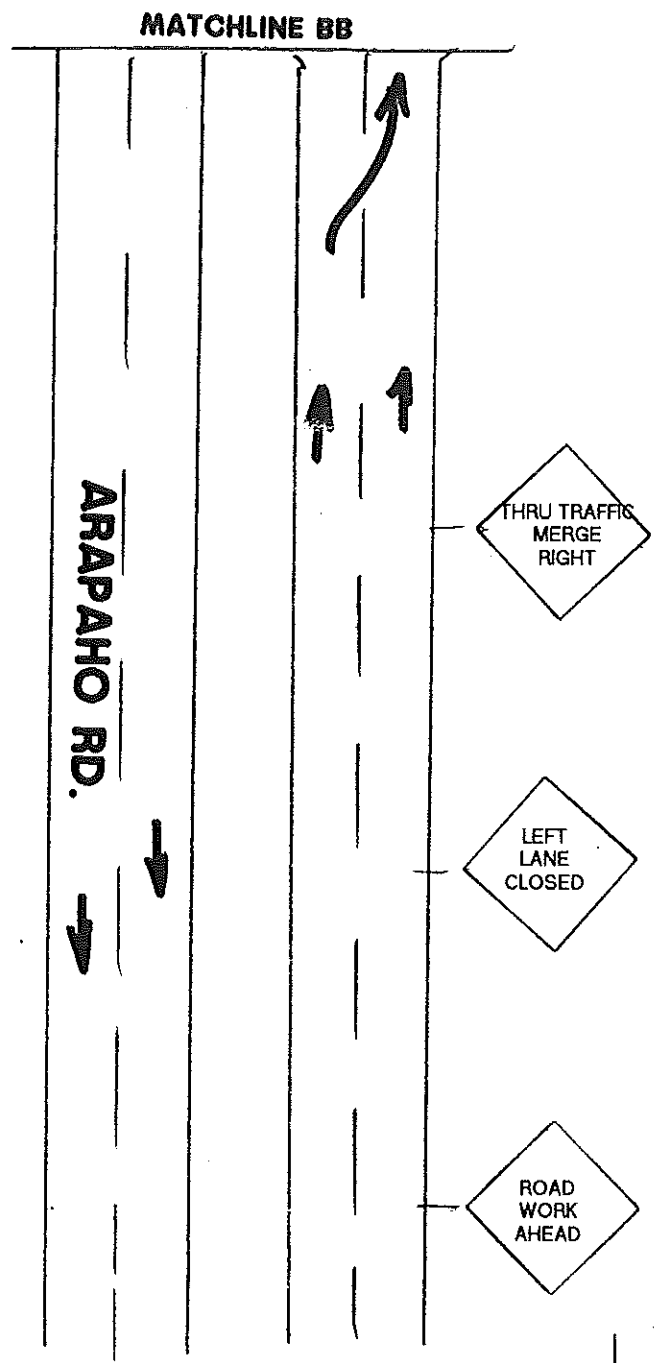
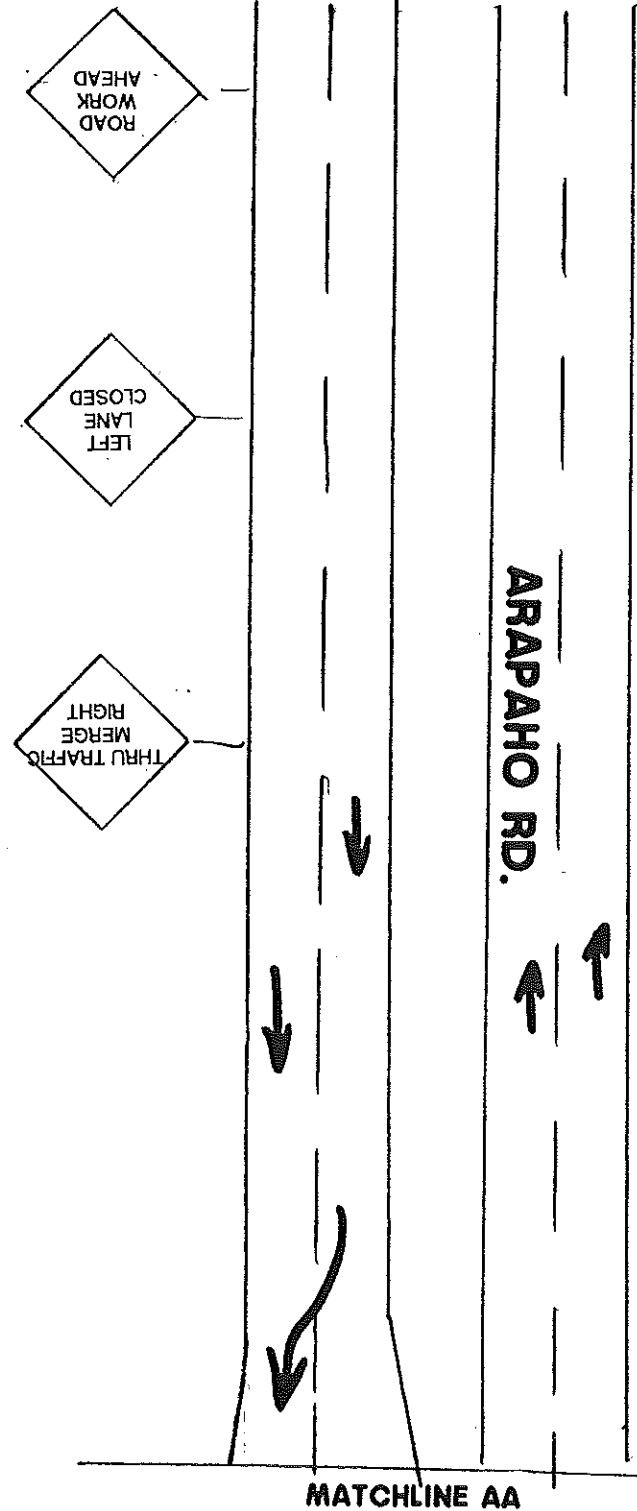
MATCHLINE BB

INTERSECTION PHASE 1

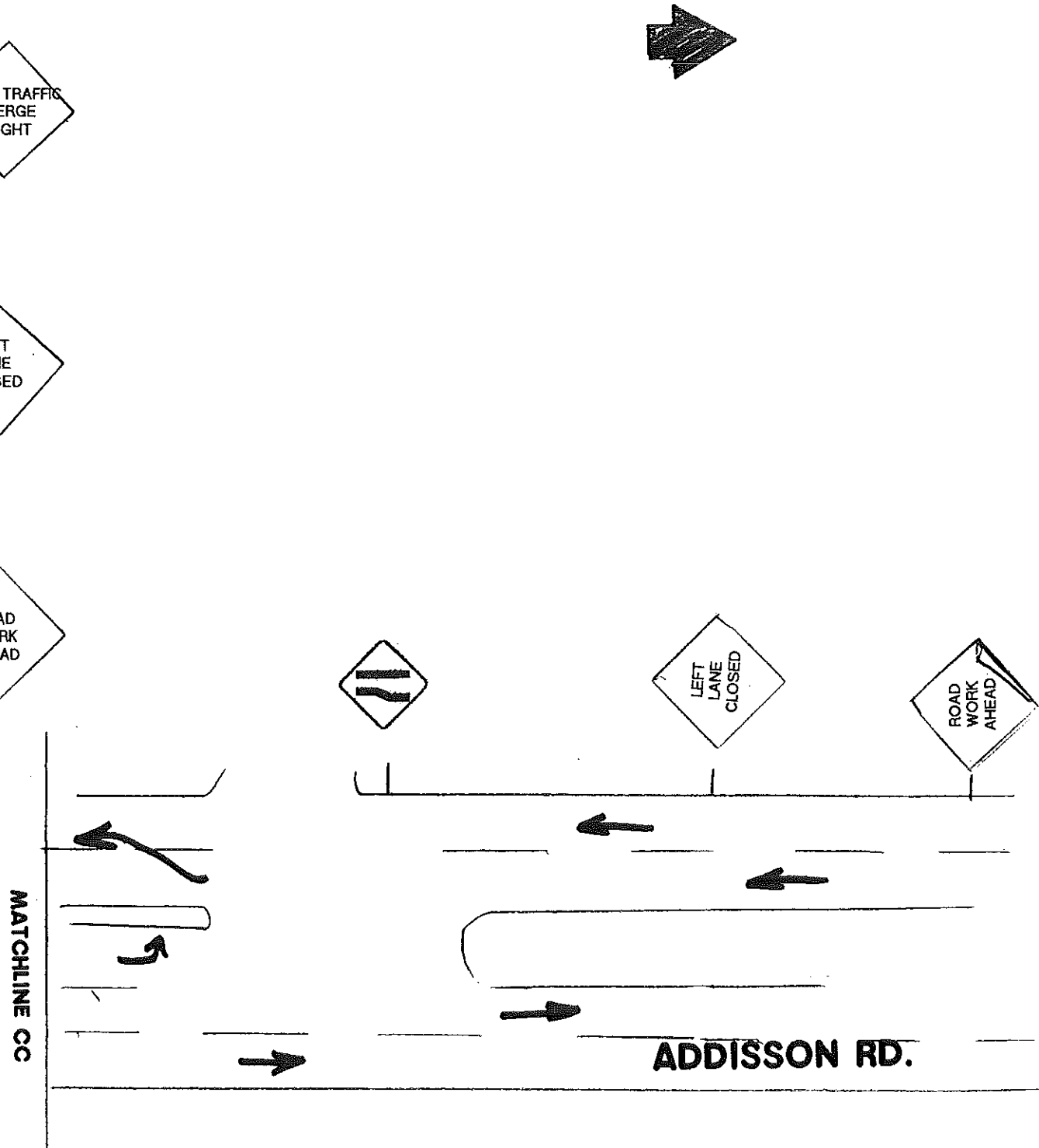


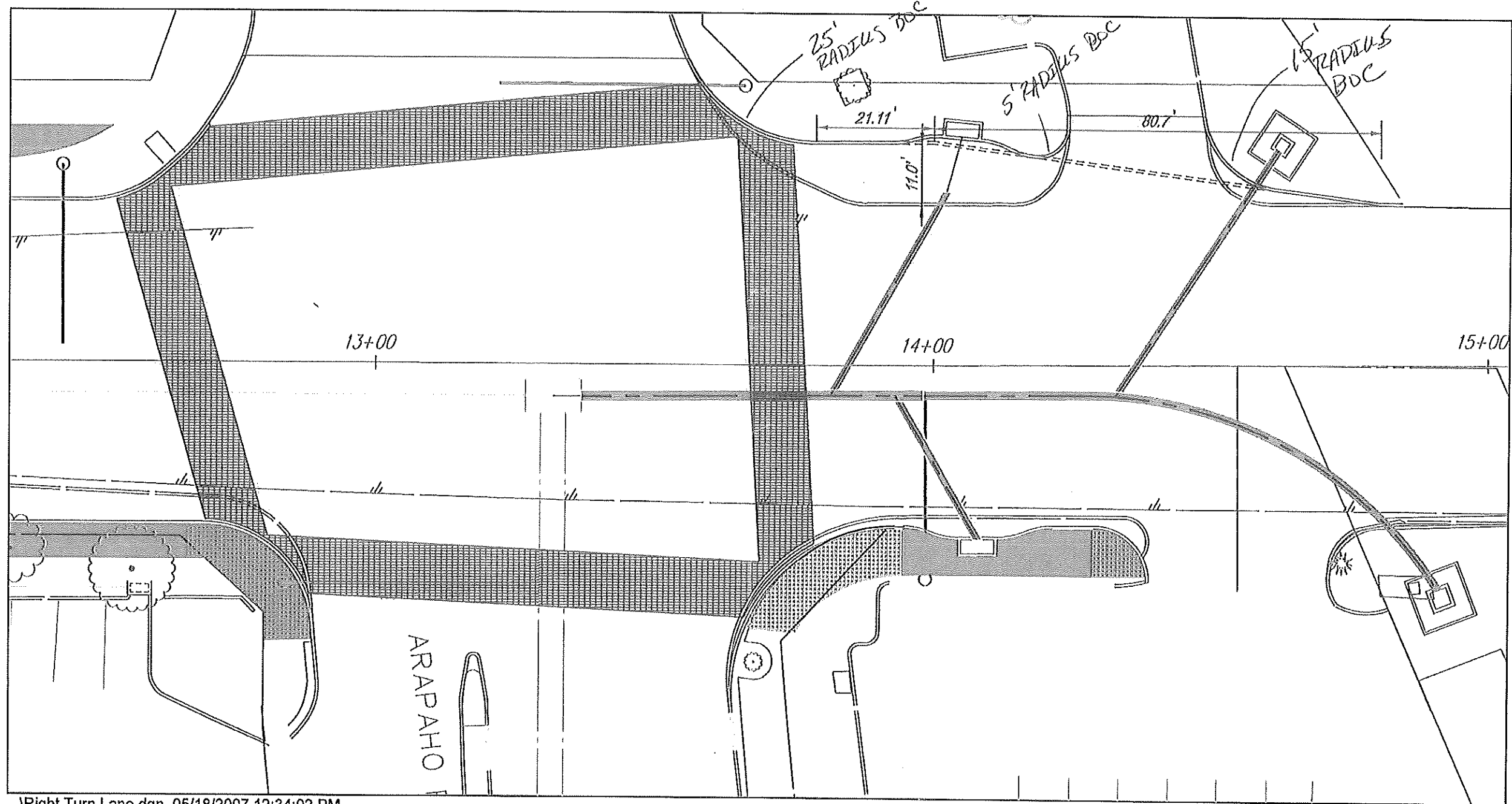


INTERSECTION PHASE 2



INTERSECTION PHASE 2

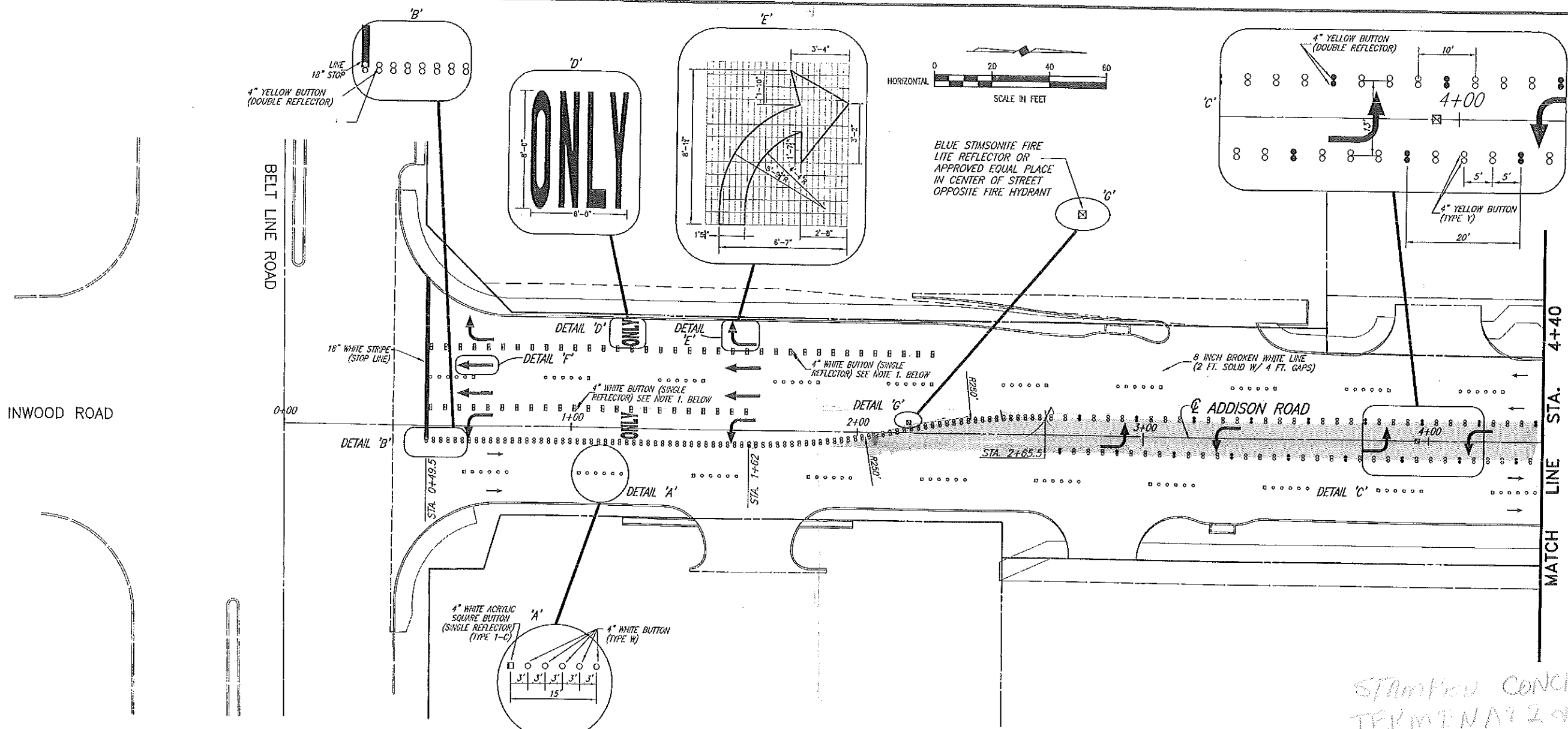




...Right Turn Lane.dgn 05/18/2007 12:34:02 PM

SCALE
1" = 20'

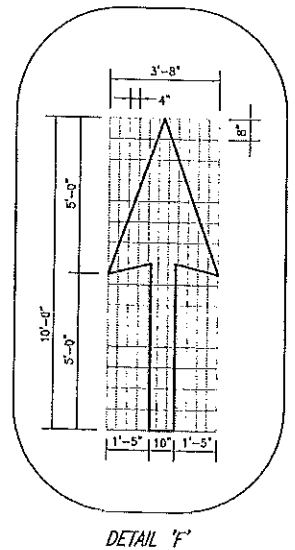
H:\Projects\Addison\2002102\PHASE1\Sheet\2002102c13_Marking.dwg
 PLOTTED BY: ROWE ON 11/1/2006
 PLOT STYLE: 11x17.ctb
 PLOT SCALE: 1:1
 DATE: 10/20/06 - ROWE



TRAFFIC MARKINGS, BUTTONS & JIGGLE BARS QUANTITIES

18" WIDE SOLID WHITE THERMOPLASTIC STRIPE	24" WIDE SOLID WHITE THERMOPLASTIC STRIPE	4" WHITE SINGLE REFLECT. BUTTON (TY. 1-C) LT. TURN	4" WHITE SINGLE REFLECT. BUTTON (TYP. 1-C) MAIN LANES	4" WHITE BUTTON TYPE W	4" YELLOW BUTTON TYPE Y	4" YELLOW DOUBLE REFLECT. BUTTON	WHITE THERMOPLASTIC LEFT TURN ARROW	COMBINATION RIGHT TURN & STRAIGHT AHEAD WHITE THERMOPLASTIC ARROW	STRAIGHT AHEAD WHITE THERMOPLASTIC TURN ARROW	RAIL ROAD SOLID WHITE THERMOPLASTIC CROSSING AHEAD	BLUE FIRE LITE REFLECTOR	6" WIDE BY 8" HIGH SOLID WHITE THERMOPLASTIC WORD "ONLY"
132 LF.	66 LF.	234 EA.	65 EA.	322 EA.	620 EA.	338 EA.	12 EA.	2 EA.	2 EA.	2 EA.	5 EA.	4 EA.

- NOTES:
- LEFT TURN LANE CHANNELIZING BUTTONS SHALL CONSIST OF A DOUBLE ROW OF 4 INCH WHITE REFLECTIVE BUTTONS ON 5 FOOT CENTERS. (TYPE 1-C) REFLECTIVE FACING ONCOMING TRAFFIC.
 - TRAFFIC BUTTONS & JIGGLE BARS SHALL BE FROM A SINGLE MANUFACTURER.
 - TRAFFIC BUTTONS & JIGGLE BARS SHALL SIT ON EPOXY "CUSHION". BUTTONS SHALL NOT BE IN DIRECT CONTACT WITH THE PAVEMENT.
 - EPOXY SHALL BE IN ACCORDANCE WITH TxDOT ITEM 575 TYPE I & I-M.
 - CENTER TWO WAY LEFT TURN LANE CHANNELIZING BUTTONS SHALL CONSIST OF A DOUBLE ROW OF YELLOW BUTTONS WITH COMBINATION OF TYPE Y & DOUBLE REFLECTIVE BUTTONS, SEE DETAIL C
 - DOUBLE REFLECTIVE BLU HYDRANT BUTTONS AS NEEDED.



STAMPED CONCRETE TERMINATION

20'-0" / 21'
 App. STA 1+80

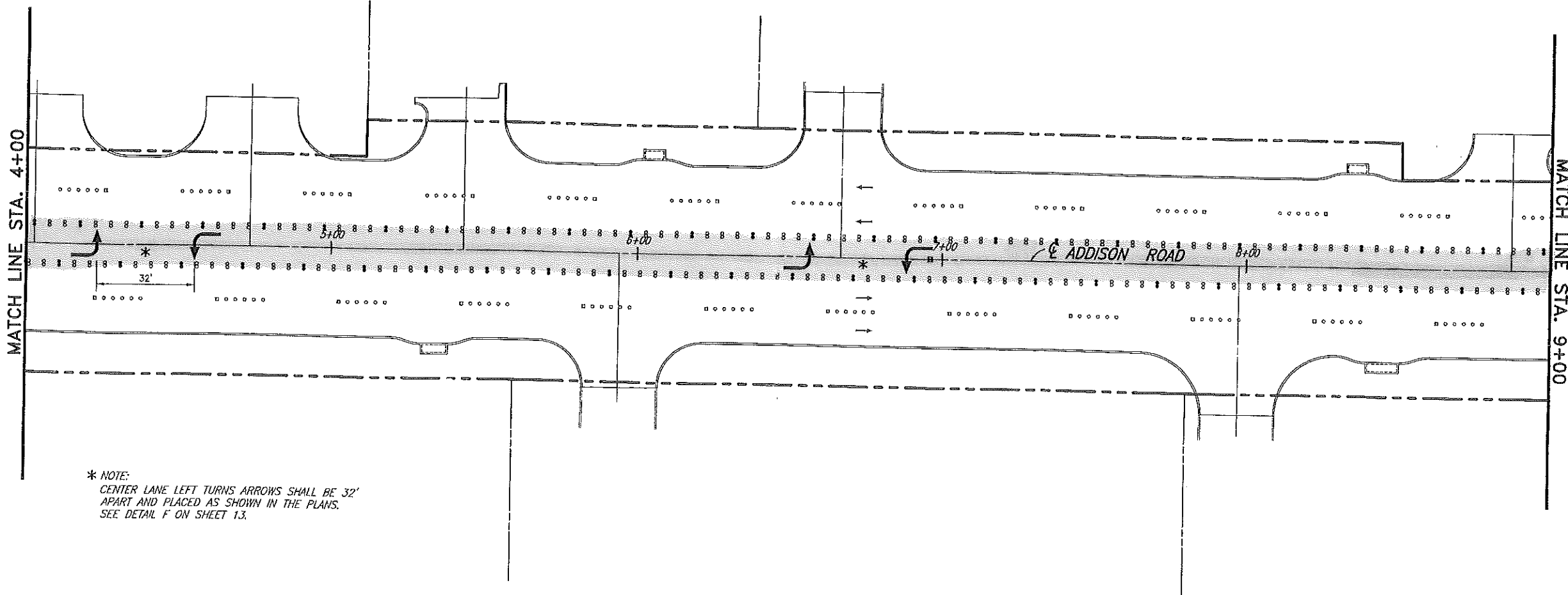
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TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
PAVEMENT MARKING DETAILS
 BIRKHOFF, HENDRICKS & CONWAY L. L. P.
 CONSULTING ENGINEERS
 Dallas, Texas

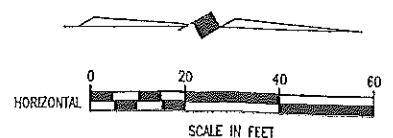
THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
 DATE: 10/31/06



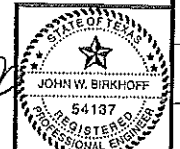
DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 13
 DRAWN BY: R.J.L. DATE: SEPTEMBER 2006 OF 68 SHEET



* NOTE:
 CENTER LANE LEFT TURNS ARROWS SHALL BE 32'
 APART AND PLACED AS SHOWN IN THE PLANS.
 SEE DETAIL F ON SHEET 1.3.



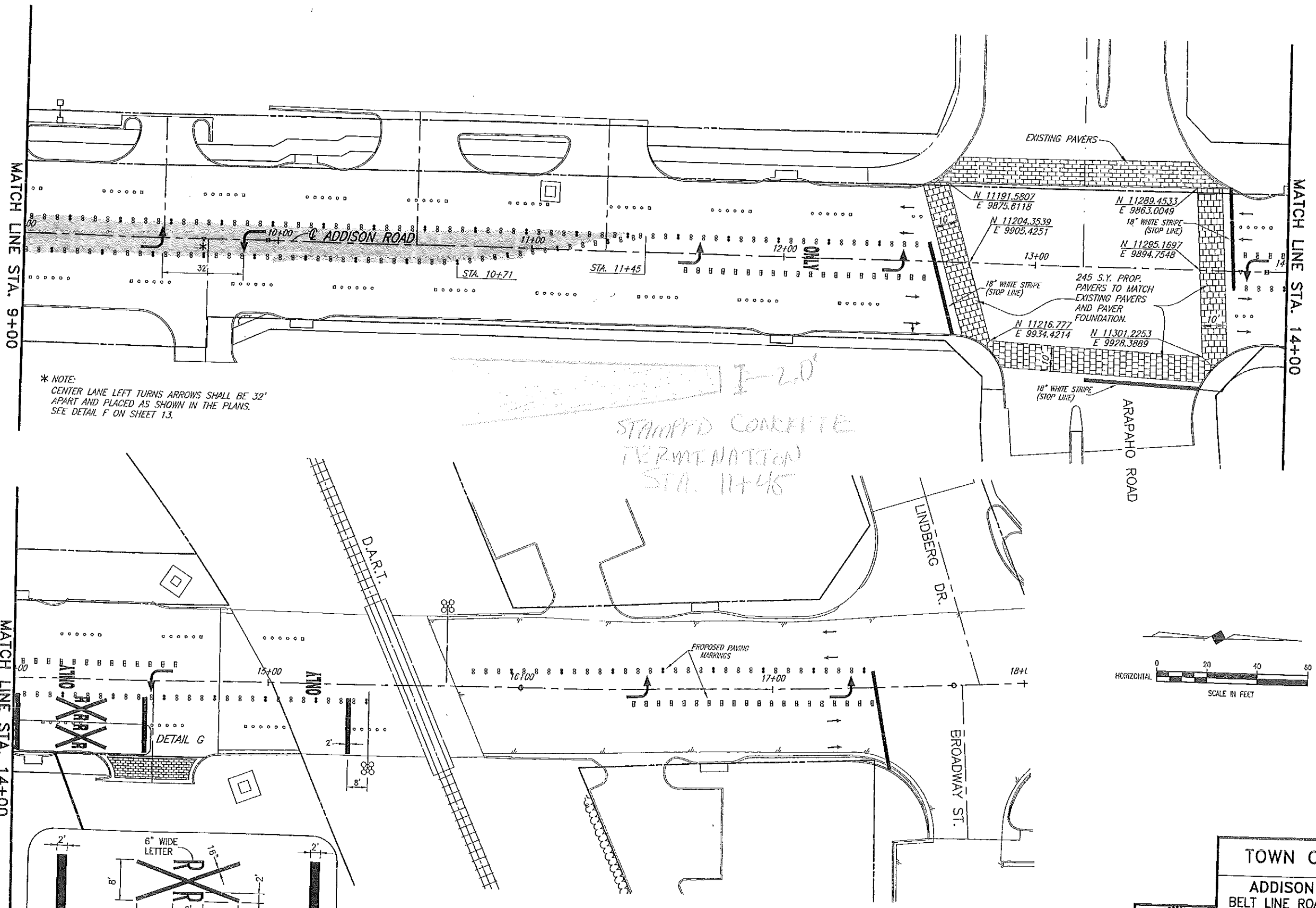
THESE DOCUMENTS ARE FOR
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 DATE: 10/31/06



TOWN OF ADDISON, TEXAS
 ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 PAVEMENT MARKING LAYOUT SHEET
 BIRKHOFF, HENDRICKS & CONWAY L. L. P.
 CONSULTING ENGINEERS
 Dallas, Texas

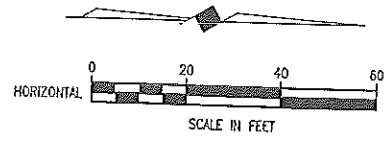
DESIGNED BY: J.W.B. PROJECT: 2002_102 SHEET
 DRAWN BY: R.J.L. DATE: SEPTEMBER 2005 OF 67

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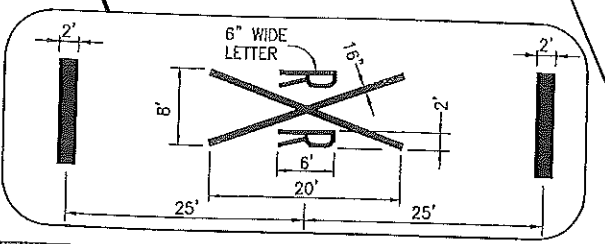
STAMPED CONCRETE
 TERMINATION
 STA. 11+45



MATCH LINE STA. 14+00

MATCH LINE STA. 9+00

MATCH LINE STA. 14+00



EXISTING PAVERS

ARAPAHO ROAD

LINDBERG DR.

BROADWAY ST.

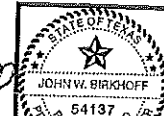
TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 PAVEMENT MARKING LAYOUT SHEET

BIRKHOFF, HENDRICKS & CONWAY L.L.P.
 CONSULTING ENGINEERS
 Dallas, Texas

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