

PLANS FOR THE CONSTRUCTION OF  
 PAVING, BRIDGE, STORM SEWER, WATER, SANITARY SEWER  
 SIGNALIZATION AND STREETScape IMPROVEMENTS FOR

# ARAPAHO ROAD - PHASE III

FROM SURVEYOR BOULEVARD TO ADDISON ROAD

STATION 34+07.75 TO STATION 87+88.00 (LENGTH = 5381 FT = 1.02 MILES)

PROJECT RECORD COPY I

TOWN OF  
**ADDISON**

R. SCOTT WHEELER  
 MAYOR

DIANE MALLORY      GLYNDA TURNER  
 JIMMY NIEMANN      GREGORY S. HIRSH  
 COUNCIL MEMBERS

FREDERICK M. SILVER      JOE CHOW  
 MAYOR PRO TEMPORE      DEPUTY MAYOR PRO TEMPORE

RON WHITEHEAD  
 CITY MANAGER

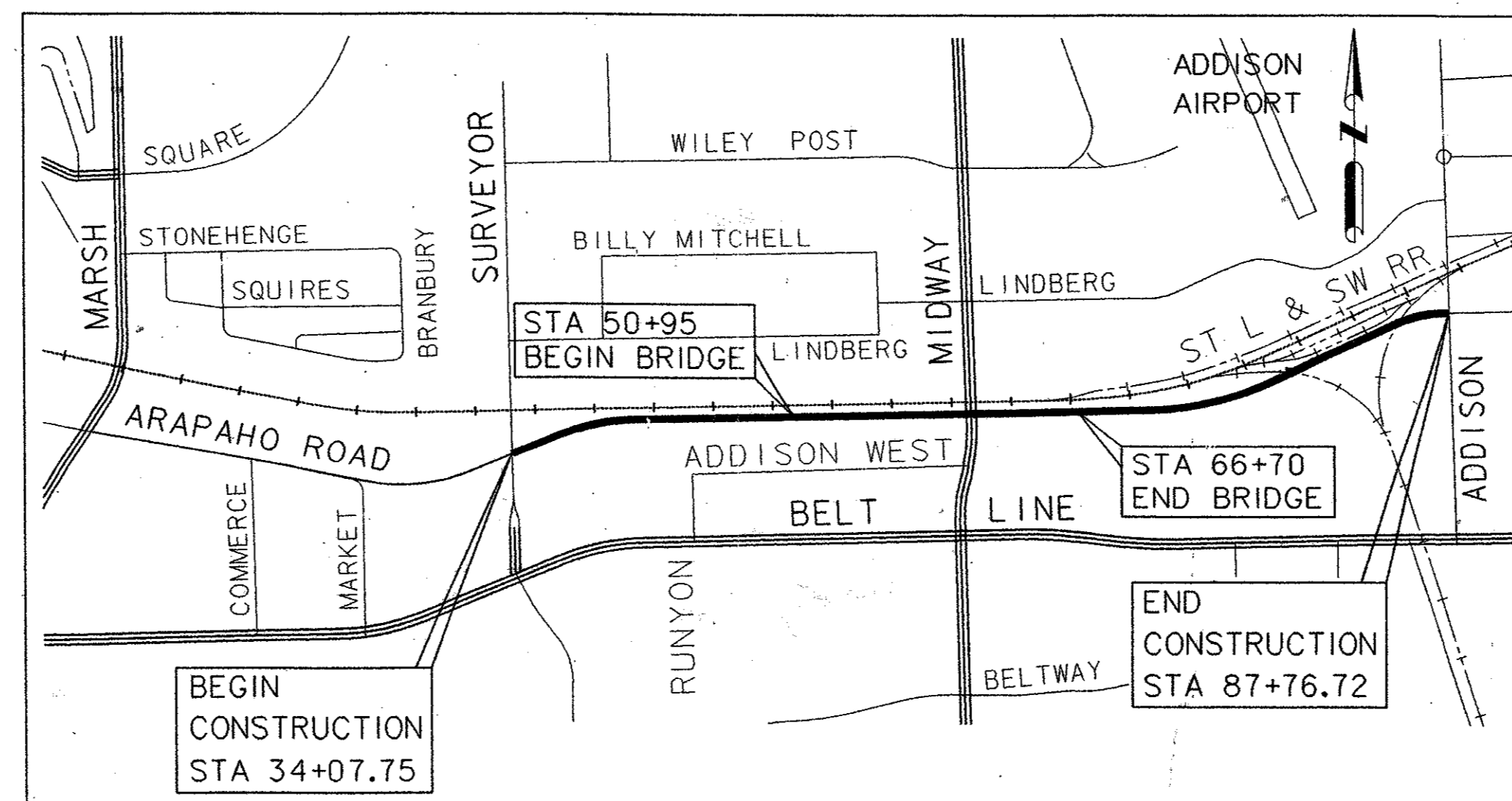
MIKE MURPHY  
 DIRECTOR OF PUBLIC WORKS

OWNER:

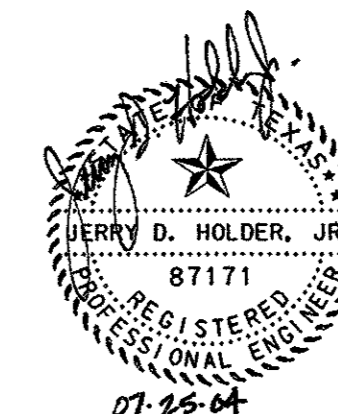
TOWN OF ADDISON  
 DEPARTMENT OF PUBLIC WORKS  
 16801 WESTGROVE  
 P.O. BOX 144  
 ADDISON, TEXAS 75001  
 (972) 450-2886

ENGINEER:

HNTB CORPORATION  
 5910 WEST PLANO PARKWAY, SUITE 200  
 DALLAS, TEXAS 75093  
 (972) 661-5626



LOCATION MAP  
 NOT TO SCALE



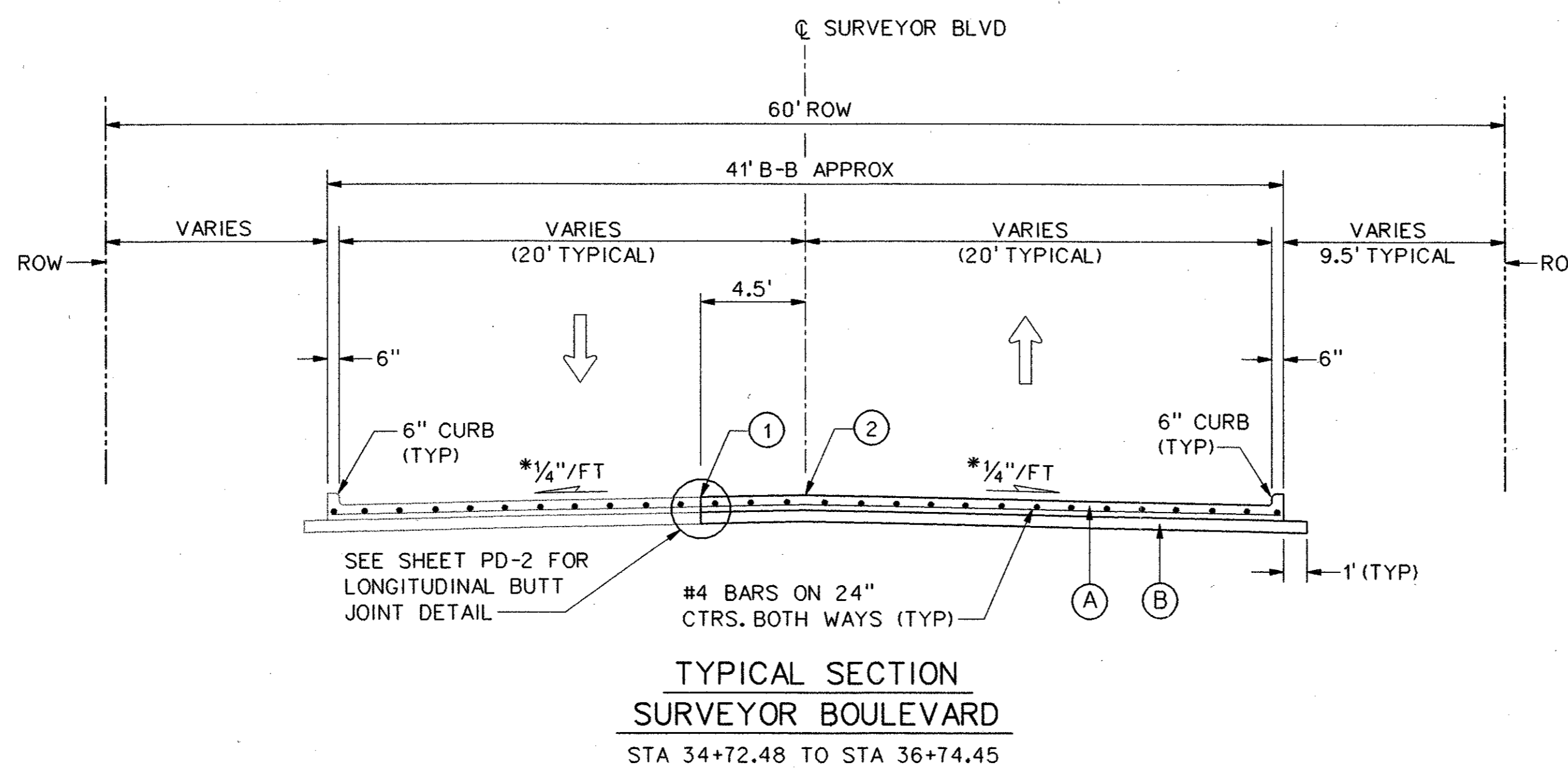
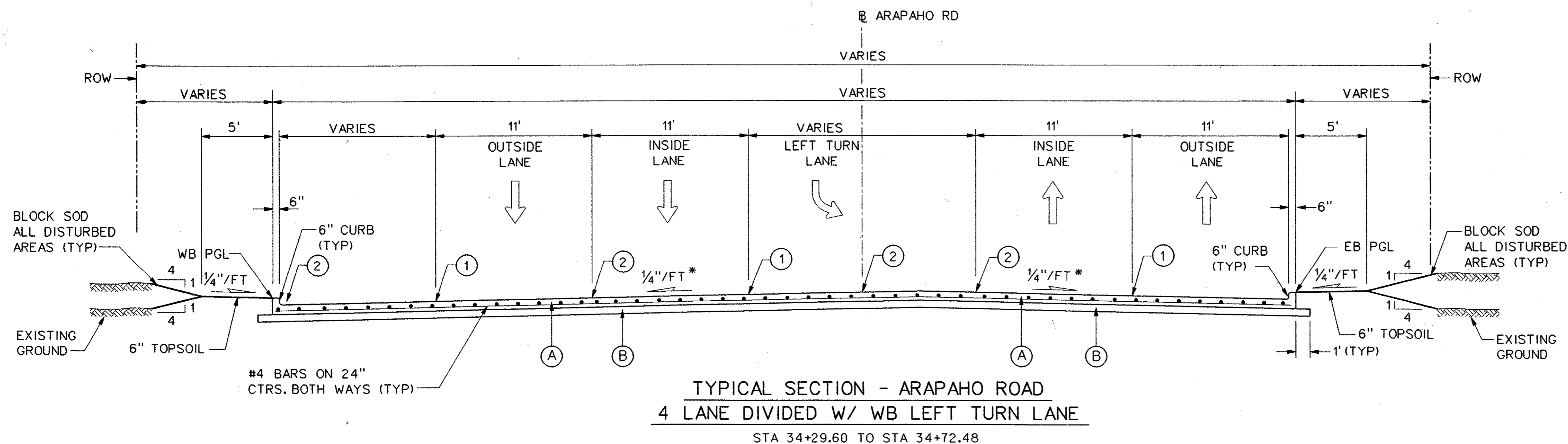
**NOTES:**

1. INTEGRAL CURB & GUTTER SHALL CONFORM TO NCTCOG STD DWG NO. 2120.
2. ALL TRANSVERSE JOINTS SHALL BE ON 11' CENTERS MAX.
3. PROFILE GRADES SHOWN ON THE PAVING PLAN & PROFILE SHEETS ARE TOP OF CURB UNLESS NOTED OTHERWISE ON THE PLANS.
4. SEE PAVING PLAN & PROFILE SHEETS FOR MEDIAN AND RIGHT TURN LANE TOP OF CURB GRADES.
5. THE FINAL FINISH ON THE CONCRETE STREET PAVEMENT SHALL CONSIST OF A COMBINATION OF A LONGITUDINAL CARPET DRAG AND TRANSVERSE METAL TINE FINISH AS DESCRIBED IN TxDOT STANDARD SPECIFICATIONS FOR ITEM 360 - CONCRETE PAVEMENT UNLESS SPECIFIED OTHERWISE IN THE PLANS.
6. TOPSOIL TO BE FINE GRADED AND RAKED BEFORE SOD IS INSTALLED.

\* PAVEMENT CROSS SLOPES VARY FROM THE TYPICAL 1/4"/FT. SEE PAVING PLANS FOR PROPOSED GRADES.

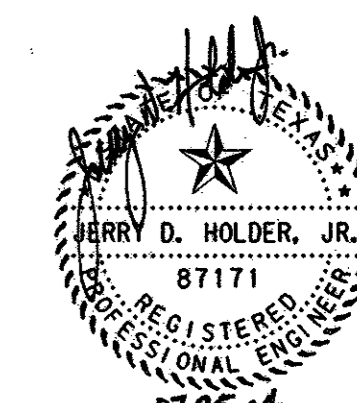
**LEGEND**

- (A) 10" 5000 p.s.i. REINFORCED PORTLAND CEMENT CONCRETE PVMT.
- (B) SCARIFY 6" DEPTH AND RECOMPACT TO 95% STANDARD PROCTOR DENSITY. SUBSIDIARY TO 10" REINFORCED CONCRETE PAY ITEM.
- (1) SAWED LONGITUDINAL DUMMY JOINT.
- (2) CONSTRUCTION JOINT (FULL WIDTH PAVING IS ALLOWED WHERE APPROVED BY THE TOWN OF ADDISON). IF FULL WIDTH PAVING IS APPROVED, SAWED JOINT.



**NOTE:**

1. LIMITS OF REMOVAL/REPLACEMENT FOR SURVEYOR BLVD ARE SHOWN ON THE REMOVAL PLANS (R-1) AND THE PLAN AND PROFILE SHEETS (PP-1). SEE THESE SHEETS FOR SPECIFIC LIMITS REGARDING SURVEYOR BLVD.
2. SEE TRAFFIC CONTROL PLANS FOR PHASING.



NO.		DATE	REVISION	APPROV.
<p><b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies</p> <p><b>ARAPAHO ROAD - PHASE III</b> SURVEYOR BOULEVARD TO ADDISON ROAD PAVING TYPICAL SECTIONS SHEET 1 OF 9</p> <p>TOWN OF ADDISON, TEXAS</p>				
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO. SHEET NO.
Check JQH	Check JSN	APRIL 04	1" = 5'	25768 PT-1

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**NOTES:**

1. INTEGRAL CURB & GUTTER SHALL CONFORM TO NCTCOG STD DWG NO. 2120.

2. ALL TRANSVERSE JOINTS SHALL BE ON 11' CENTERS MAX.

3. PROFILE GRADES SHOWN ON THE PAVING PLAN & PROFILE SHEETS ARE TOP OF CURB UNLESS NOTED OTHERWISE ON THE PLANS.

4. SEE PAVING PLAN & PROFILE SHEETS FOR MEDIAN AND RIGHT TURN LANE TOP OF CURB GRADES.

5. THE FINAL FINISH ON THE CONCRETE STREET PAVEMENT SHALL CONSIST OF A COMBINATION OF A LONGITUDINAL CARPET DRAG AND TRANSVERSE METAL TINE FINISH AS DESCRIBED IN TxDOT STANDARD SPECIFICATIONS FOR ITEM 360 - CONCRETE PAVEMENT UNLESS SPECIFIED OTHERWISE IN THE PLANS.

6. TOPSOIL TO BE FINE GRADED AND RAKED BEFORE SOD IS INSTALLED.

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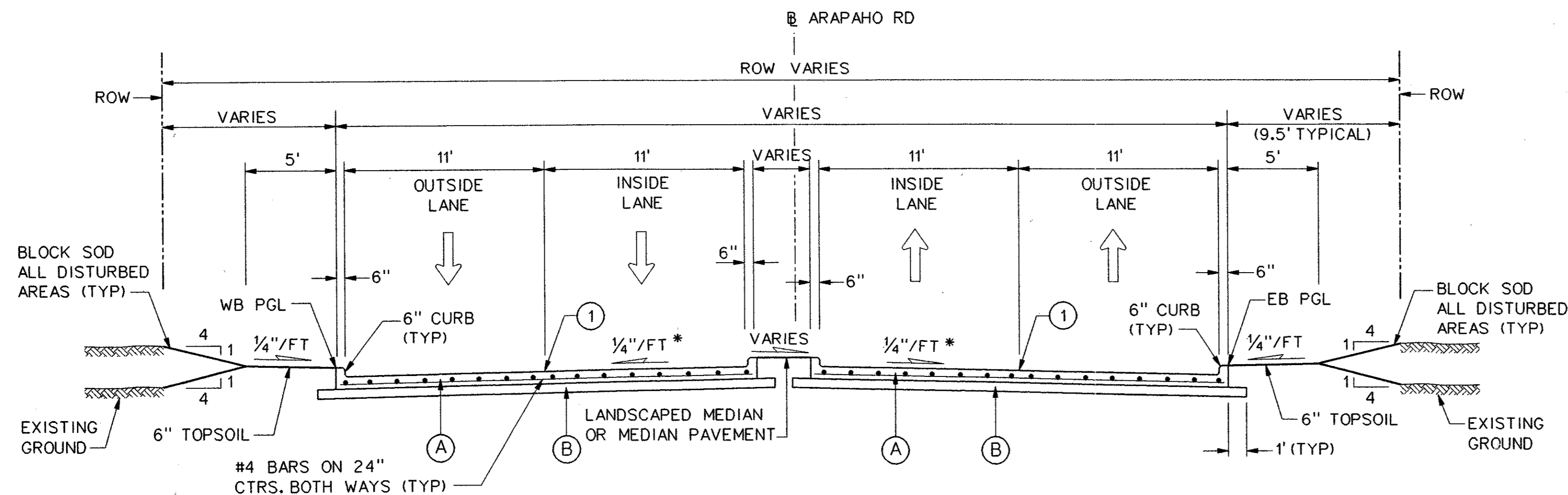
**LEGEND**

(A) 10" 5000 p.s.i. REINFORCED PORTLAND CEMENT CONCRETE PVMT.

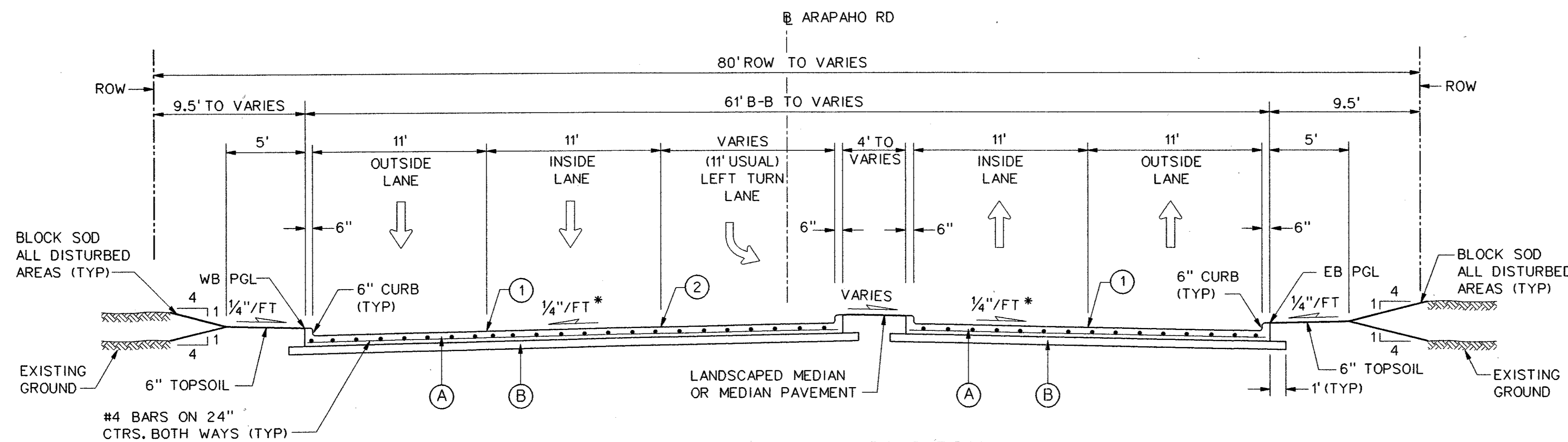
(B) SCARIFY 6" DEPTH AND RECOMPACT TO 95% STANDARD PROCTOR DENSITY. SUBSIDIARY TO 10" REINFORCED CONCRETE PAY ITEM.

(1) SAWED LONGITUDINAL DUMMY JOINT.

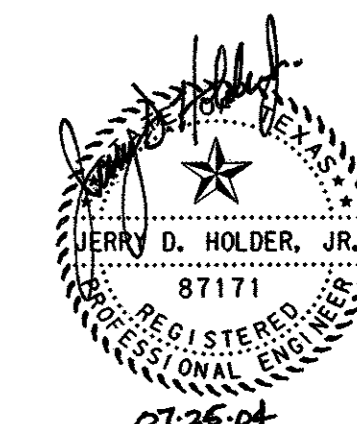
(2) CONSTRUCTION JOINT (FULL WIDTH PAVING IS ALLOWED WHERE APPROVED BY THE TOWN OF ADDISON). IF FULL WIDTH PAVING IS APPROVED, SAWED JOINT.



**TYPICAL SECTION - ARAPAHO ROAD**  
**4 LANE DIVIDED**  
 STA 37+89.26 TO STA 38+28.00



**TYPICAL SECTION - ARAPAHO ROAD**  
**4 LANE DIVIDED W/ WB LEFT TURN LANE**  
 STA 34+72.48 TO STA 37+89.26



				32	
NO.	DATE	REVISION	APPROV.		
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies <b>ARAPAHO ROAD - PHASE III</b> SURVEYOR BOULEVARD TO ADDISON ROAD PAVING TYPICAL SECTIONS SHEET 2 OF 9 TOWN OF ADDISON, TEXAS					
Design	JSN	Drawn	GFS	DATE	APRIL 04
Check	JDH	Check	JSN	SCALE	1" = 5'
				PROJECT NO.	25768
				SHEET NO.	PT-2

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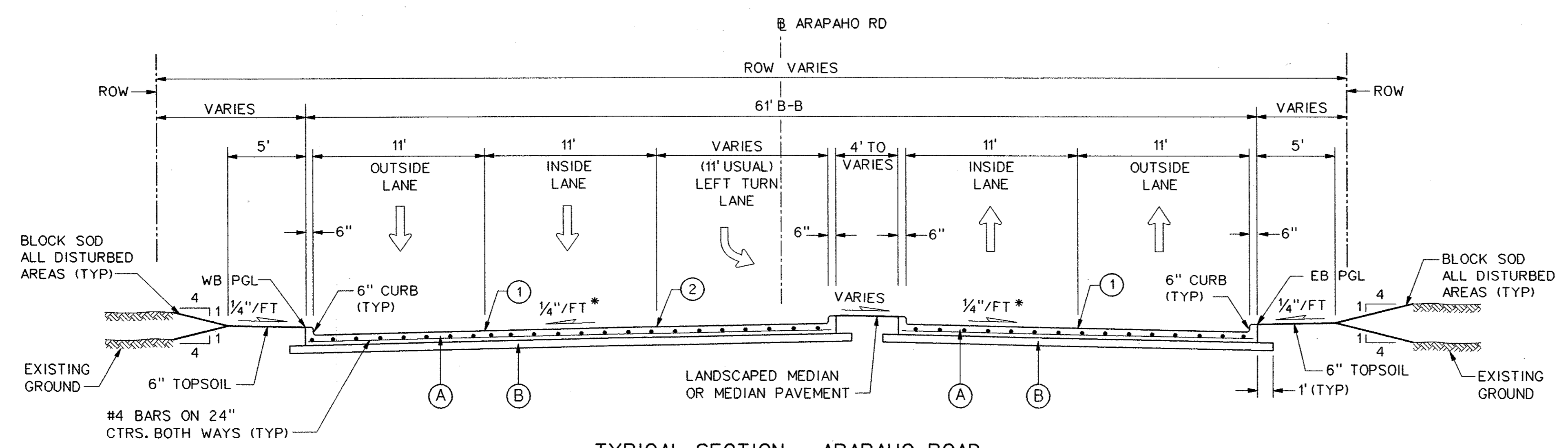
**NOTES:**

1. INTEGRAL CURB & GUTTER SHALL CONFORM TO NCTCOG STD DWG NO. 2120.
2. ALL TRANSVERSE JOINTS SHALL BE ON 11' CENTERS MAX.
3. PROFILE GRADES SHOWN ON THE PAVING PLAN & PROFILE SHEETS ARE TOP OF CURB UNLESS NOTED OTHERWISE ON THE PLANS.
4. SEE PAVING PLAN & PROFILE SHEETS FOR MEDIAN AND RIGHT TURN LANE TOP OF CURB GRADES.
5. THE FINAL FINISH ON THE CONCRETE STREET PAVEMENT SHALL CONSIST OF A COMBINATION OF A LONGITUDINAL CARPET DRAG AND TRANSVERSE METAL TINE FINISH AS DESCRIBED IN TxDOT STANDARD SPECIFICATIONS FOR ITEM 360 - CONCRETE PAVEMENT UNLESS SPECIFIED OTHERWISE IN THE PLANS.
6. TOPSOIL TO BE FINE GRADED AND RAKED BEFORE SOD IS INSTALLED.

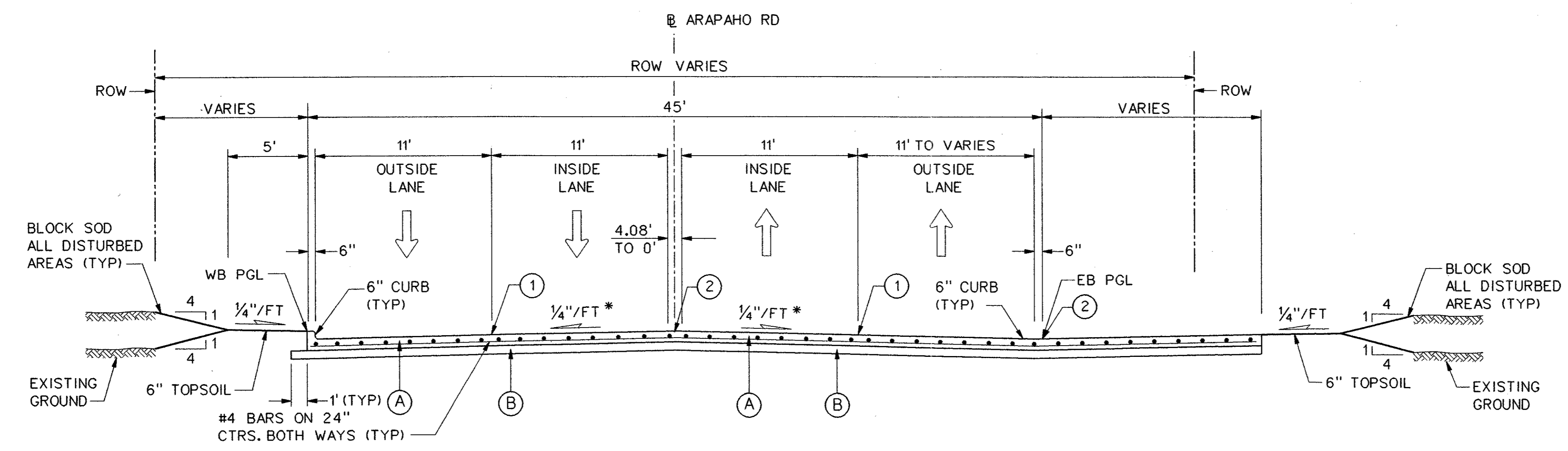
\* PAVEMENT CROSS SLOPES VARY FROM THE TYPICAL 1/4"/FT. SEE PAVING PLANS FOR PROPOSED GRADES.

**LEGEND**

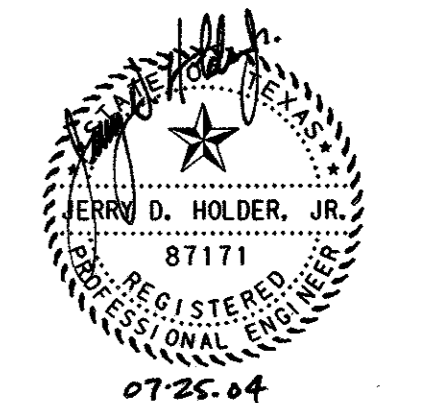
- (A) 10" 5000 p.s.i. REINFORCED PORTLAND CEMENT CONCRETE PVMT.
- (B) SCARIFY 6" DEPTH AND RECOMPACT TO 95% STANDARD PROCTOR DENSITY. SUBSIDIARY TO 10" REINFORCED CONCRETE PAY ITEM.
- (1) SAWED LONGITUDINAL DUMMY JOINT.
- (2) CONSTRUCTION JOINT (FULL WIDTH PAVING IS ALLOWED WHERE APPROVED BY THE TOWN OF ADDISON). IF FULL WIDTH PAVING IS APPROVED, SAWED JOINT.



**TYPICAL SECTION - ARAPAHO ROAD**  
**4 LANE DIVIDED W/ WB LEFT TURN LANE**  
 STA 39+34.77 TO STA 41+68.16



**TYPICAL SECTION - ARAPAHO ROAD**  
**4 LANE UNDIVIDED**  
 STA 38+28.00 TO STA 39+34.77



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NO.	DATE	REVISION	APPROV.	
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies				
<b>ARAPAHO ROAD - PHASE III</b>				
SURVEYOR BOULEVARD TO ADDISON ROAD				
PAVING TYPICAL SECTIONS				
SHEET 3 OF 9				
TOWN OF ADDISON, TEXAS				
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO. SHEET NO.
Check JDH	Check JSN	APRIL 04	1" = 5'	25768 PT-3

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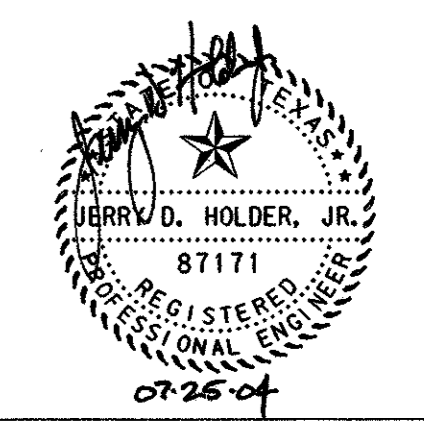
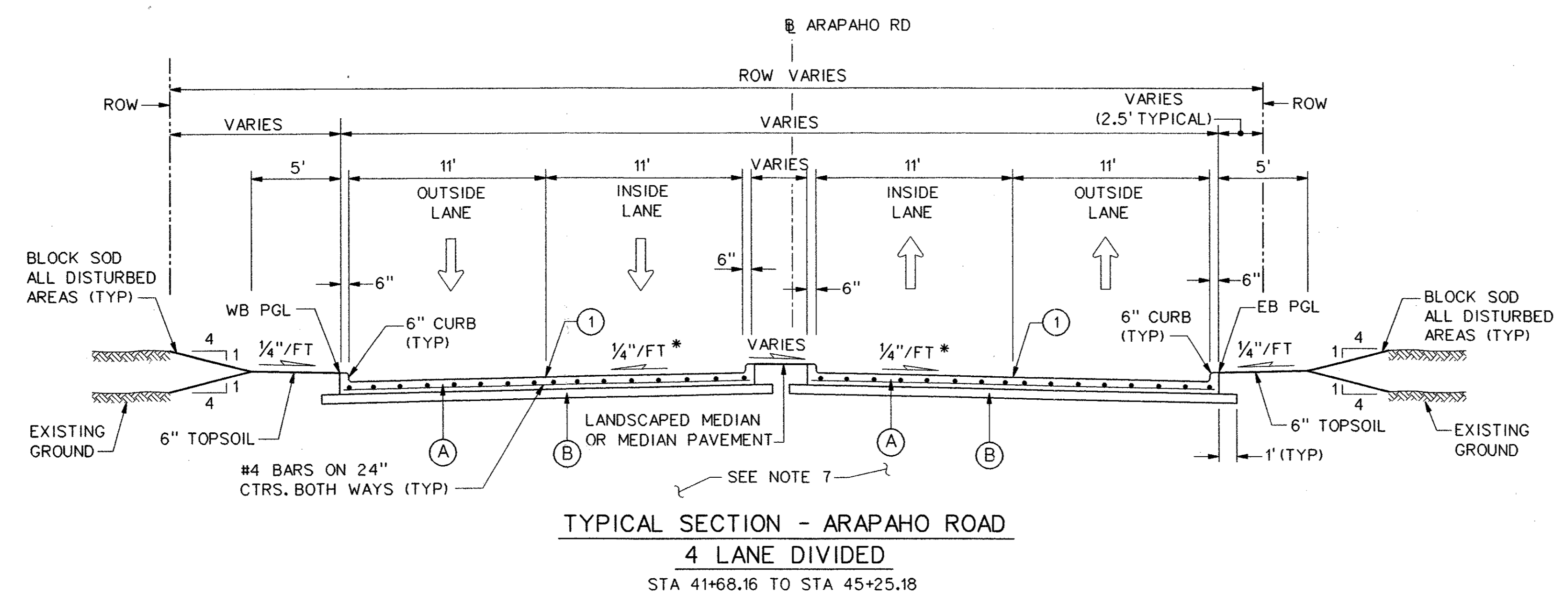
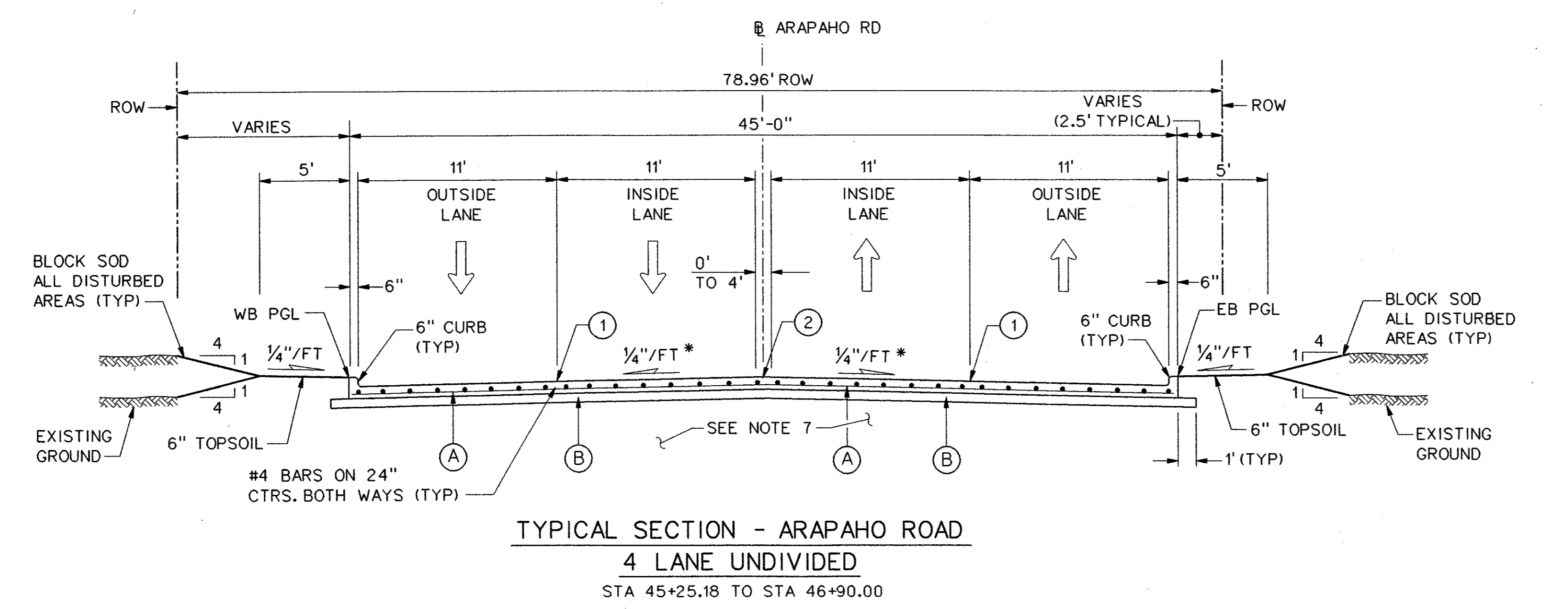
**NOTES:**

1. INTEGRAL CURB & GUTTER SHALL CONFORM TO NCTCOG STD DWG NO. 2120.
2. ALL TRANSVERSE JOINTS SHALL BE ON 1' CENTERS MAX.
3. PROFILE GRADES SHOWN ON THE PAVING PLAN & PROFILE SHEETS ARE TOP OF CURB AT BACK OF CURB UNLESS NOTED OTHERWISE ON THE PLANS.
4. SEE PAVING PLAN & PROFILE SHEETS FOR MEDIAN AND RIGHT TURN LANE TOP OF CURB GRADES.
5. THE FINAL FINISH ON THE CONCRETE STREET PAVEMENT SHALL CONSIST OF A COMBINATION OF A LONGITUDINAL CARPET DRAG AND TRANSVERSE METAL TINE FINISH AS DESCRIBED IN TxDOT STANDARD SPECIFICATIONS FOR ITEM 360 - CONCRETE PAVEMENT UNLESS SPECIFIED OTHERWISE IN THE PLANS.
6. TOPSOIL TO BE FINE GRADED AND RAKED BEFORE SOD IS INSTALLED.
7. SEE CROSS SECTION SHEETS FOR DETAILS OF RCB LOCATIONS.

\*PAVEMENT CROSS SLOPES VARY FROM THE TYPICAL 1/4"/FT. SEE PAVING PLANS FOR PROPOSED GRADES.

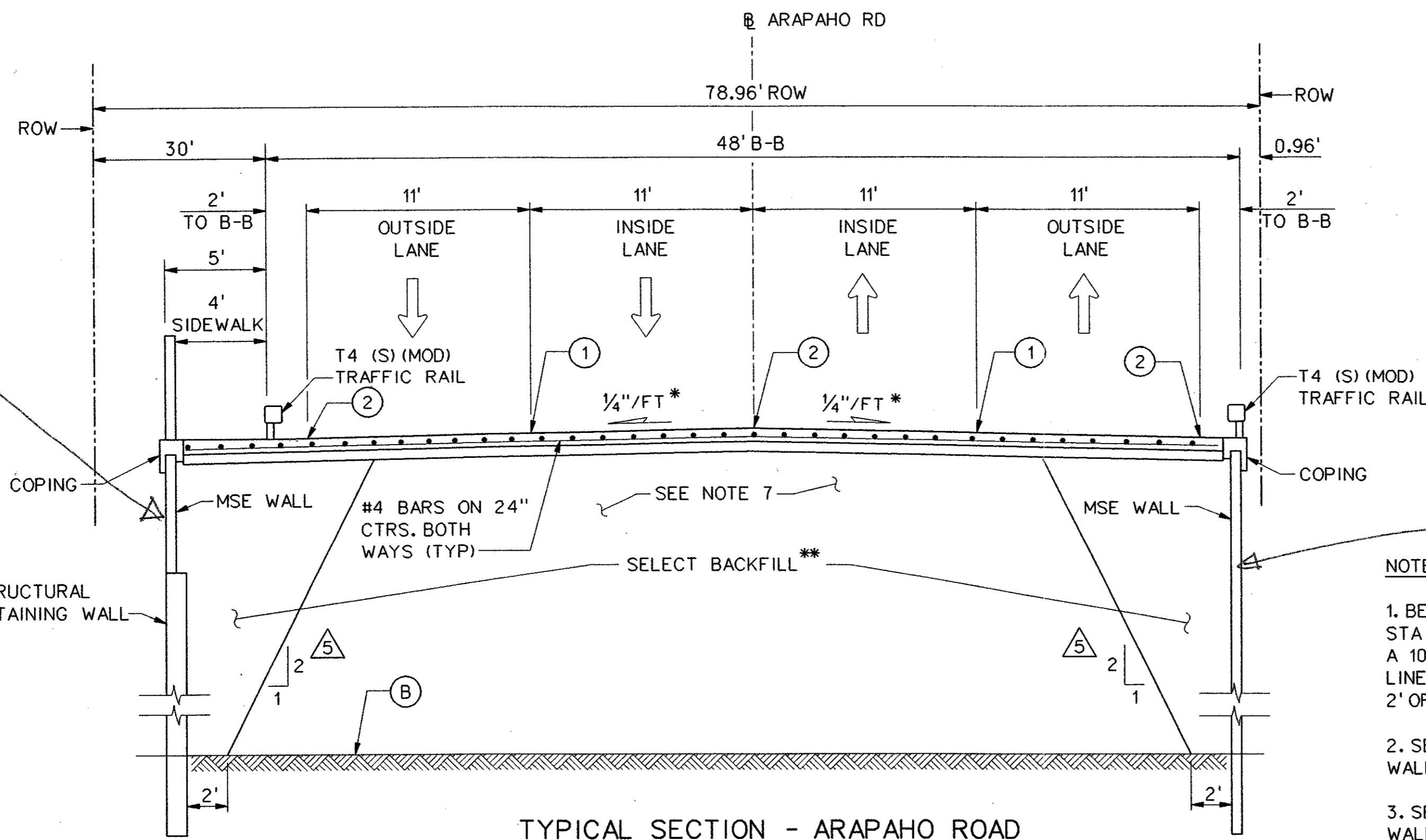
**LEGEND**

- (A) 10" 5000 p.s.i. REINFORCED PORTLAND CEMENT CONCRETE PVMT.
- (B) SCARIFY 6" DEPTH AND RECOMPACT TO 95% STANDARD PROCTOR DENSITY. SUBSIDIARY TO 10" REINFORCED CONCRETE PAY ITEM.
- (1) SAWED LONGITUDINAL DUMMY JOINT.
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NO.		DATE	REVISION	APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies				
<b>ARAPAHO ROAD - PHASE III</b>				
SURVEYOR BOULEVARD TO ADDISON ROAD				
PAVING TYPICAL SECTIONS				
SHEET 4 OF 9				
TOWN OF ADDISON, TEXAS				
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO. SHEET NO.
Check JDH	Check JSN	APRIL 04	1" = 5'	25768 PT-4

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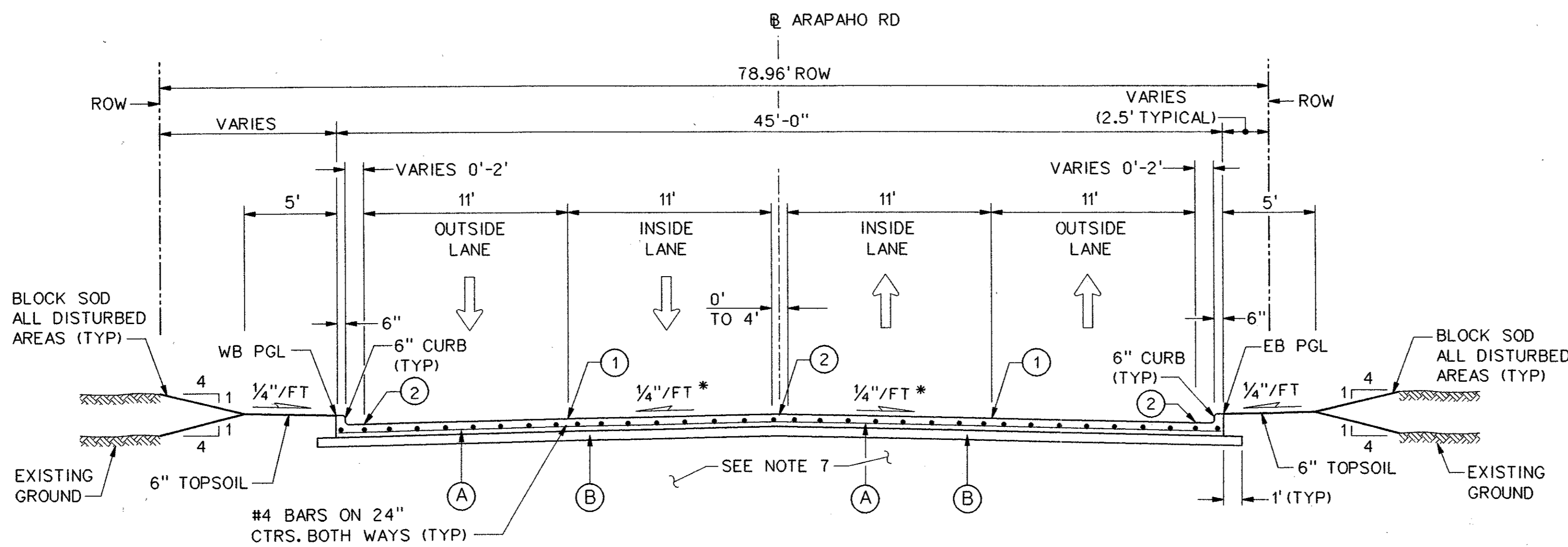


**TYPICAL SECTION - ARAPAHO ROAD**  
**4 LANE UNDIVIDED ON RETAINING WALL**  
 STA 46+00.00 TO STA 51+00.00

**\*\*SELECT BACKFILL:**  
 SHALL HAVE A MAXIMUM PI OF 40%  
 BE PLACED IN UNIFORM, HORIZONTAL  
 MAXIMUM LOOSE LIFTS OF 8 INCHES  
 FILL SHALL BE COMPACTED TO AT  
 LEAST 98% OF THE ASTM D-698  
 MAXIMUM DRY DENSITY  
 AT A MOISTURE CONTENT BETWEEN  
 2 AND 3% OF OPTIMUM MOISTURE  
 CONTENT

5 THE RETAINING WALL FILL BEHIND THE  
 REINFORCED VOLUME SHOULD EXTEND  
 A HORIZONTAL DISTANCE OF AT LEAST 2 FT.  
 BEHIND THE REINFORCED VOLUME AND THEN  
 EXTEND UPWARD AT A 1H:2V OR FLATTER  
 BACKFILL SLOPE.

NOTE:  
 1. BETWEEN STA 46+00 TO 46+10 AND  
 STA 70+50 TO STA 70+60 THERE IS  
 A 10' TRANSITION ALONG THE CURB  
 LINE TO ACCOMMODATE THE ADDITIONAL  
 2' OF ROADWAY IN THIS SECTION.  
 2. SEE SHEETS SR-1 & SR-2 FOR RETAINING  
 WALL DETAILS.  
 3. SEE SOILS REPORT AND RETAINING  
 WALL DETAIL SHEETS FOR UNDERDRAIN  
 DETAILS.



**TYPICAL SECTION - ARAPAHO ROAD**  
**4 LANE UNDIVIDED WITH EDGE TRANSITION**  
 STA 45+90.00 TO STA 46+00.00

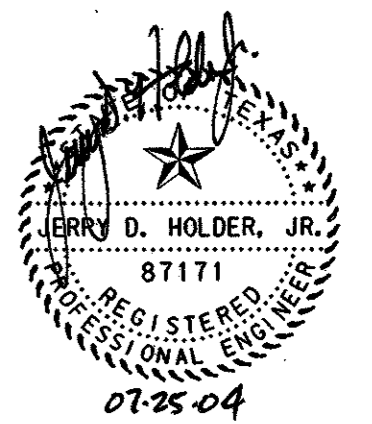
**NOTES:**

1. INTEGRAL CURB & GUTTER SHALL CONFORM TO NCTCOG STD DWG NO. 2120.
2. ALL TRANSVERSE JOINTS SHALL BE ON 11' CENTERS MAX.
3. PROFILE GRADES SHOWN ON THE PAVING PLAN & PROFILE SHEETS ARE TOP OF CURB UNLESS NOTED OTHERWISE ON THE PLANS.
4. SEE PAVING PLAN & PROFILE SHEETS FOR MEDIAN AND RIGHT TURN LANE TOP OF CURB GRADES.
5. THE FINAL FINISH ON THE CONCRETE STREET PAVEMENT SHALL CONSIST OF A COMBINATION OF A LONGITUDINAL CARPET DRAG AND TRANSVERSE METAL TINE FINISH AS DESCRIBED IN TxDOT STANDARD SPECIFICATIONS FOR ITEM 360 - CONCRETE PAVEMENT UNLESS SPECIFIED OTHERWISE IN THE PLANS.
6. TOPSOIL TO BE FINE GRADED AND RAKED BEFORE SOD IS INSTALLED.
7. SEE CROSS SECTION SHEETS FOR DETAILS OF REINFORCED CONCRETE BOX LOCATIONS.

\* PAVEMENT CROSS SLOPES VARY FROM THE TYPICAL 1/4"/FT. SEE PAVING PLANS FOR PROPOSED GRADES.

**LEGEND**

- (A) 10" 5000 p.s.i. REINFORCED PORTLAND CEMENT CONCRETE PVMT.
- (B) SCARIFY 6" DEPTH AND RECOMPACT TO 95% STANDARD PROCTOR DENSITY. SUBSIDIARY TO 10" REINFORCED CONCRETE PAY ITEM.
- (1) SAWED LONGITUDINAL DUMMY JOINT.
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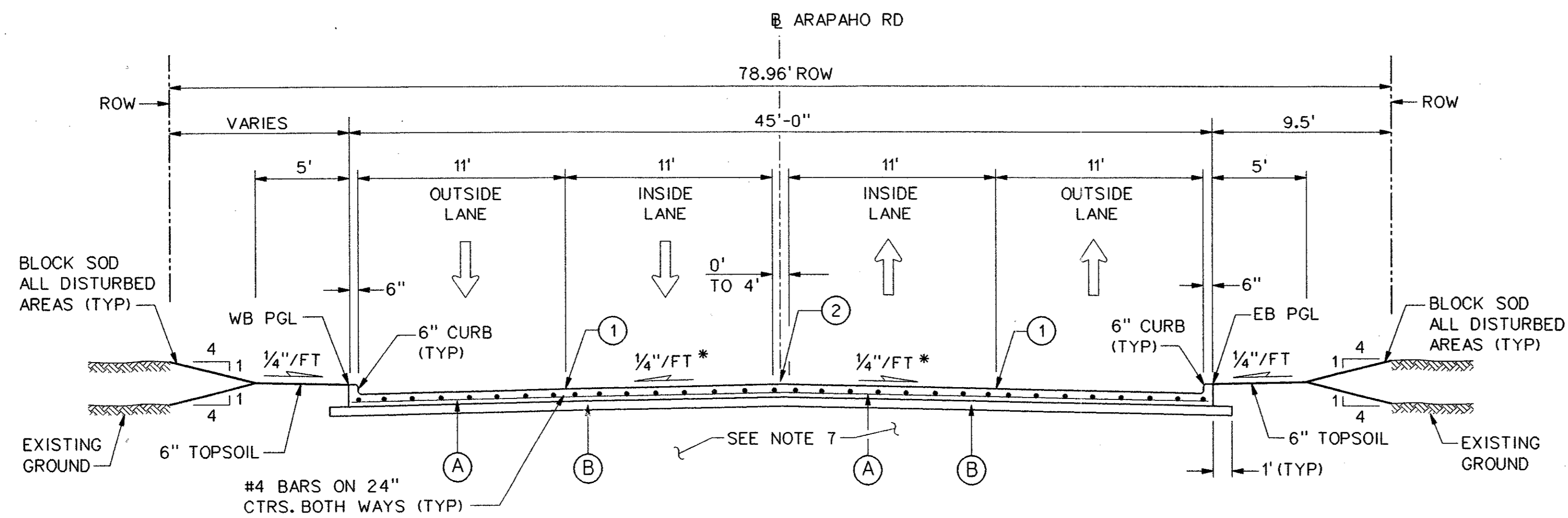
NO.	DATE	REVISION	APPROV.
5	6-1-04	ADDED NOTE	JSN

**HNTB** ARCHITECTS ENGINEERS PLANNERS  
 The HNTB Companies

**ARAPAHO ROAD - PHASE III**  
 SURVEYOR BOULEVARD TO ADDISON ROAD  
 PAVING TYPICAL SECTIONS  
 SHEET 5 OF 9

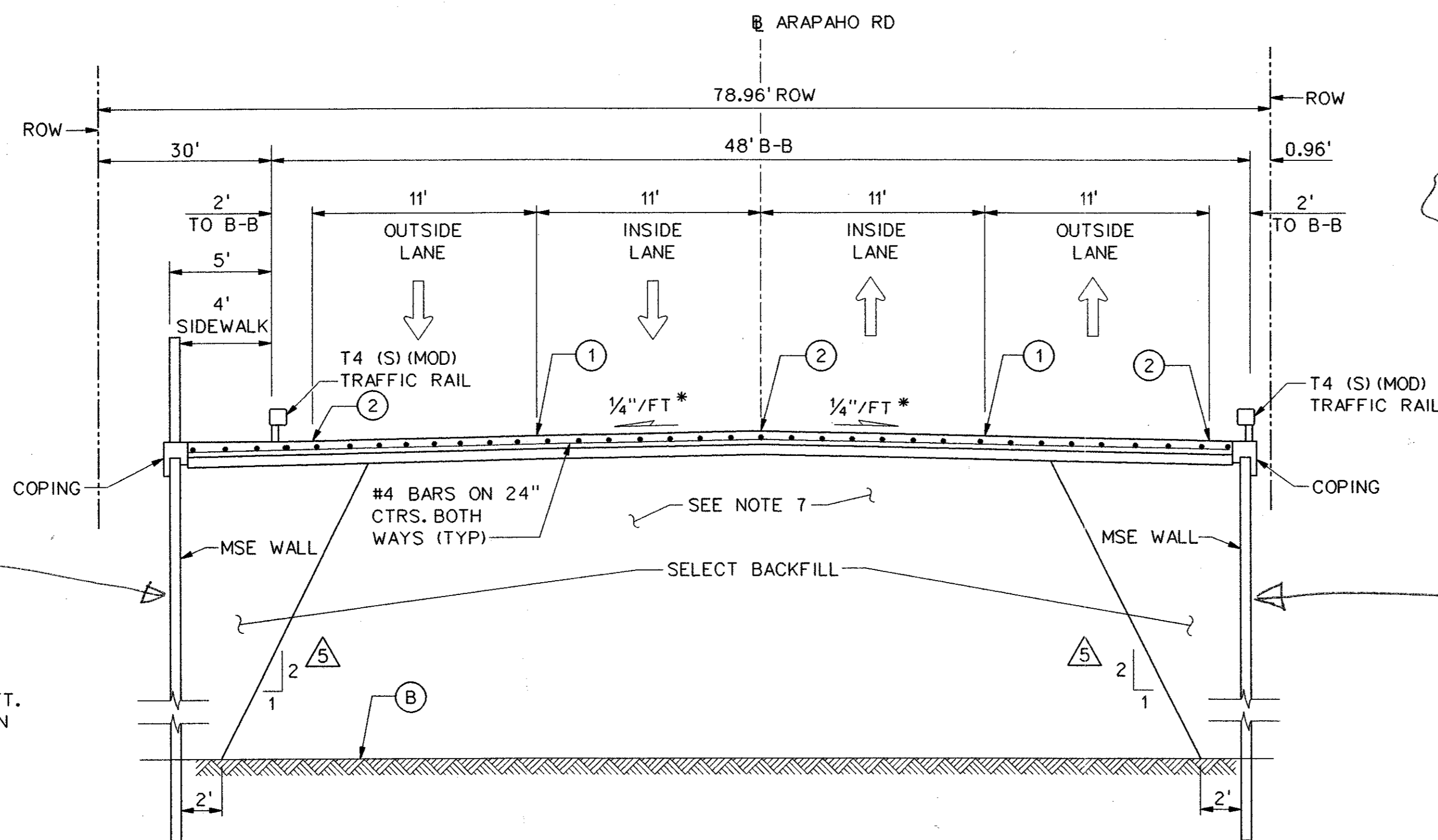
TOWN OF ADDISON, TEXAS

Design	JSN	Drawn	GFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check	JDH	Check	JSN	APRIL 04	1" = 5'	25768	PT-5



TYPICAL SECTION - ARAPAHO ROAD  
4 LANE UNDIVIDED

STA 67+00.00 TO STA 67+77.46



TYPICAL SECTION - ARAPAHO ROAD  
4 LANE UNDIVIDED ON RETAINING WALL

STA 67+00.00 TO STA 70+60.00

NOTES:

1. INTEGRAL CURB & GUTTER SHALL CONFORM TO NCTCOG STD DWG NO. 2120.
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4. SEE PAVING PLAN & PROFILE SHEETS FOR MEDIAN AND RIGHT TURN LANE TOP OF CURB GRADES.
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6. TOPSOIL TO BE FINE GRADED AND RAKED BEFORE SOD IS INSTALLED.
7. SEE CROSS SECTION SHEETS FOR DETAILS OF REINFORCED CONCRETE BOX LOCATIONS.

\*PAVEMENT CROSS SLOPES VARY FROM THE TYPICAL 1/4"/FT. SEE PAVING PLANS FOR PROPOSED GRADES.

LEGEND

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5 THE RETAINING WALL FILL BEHIND THE REINFORCED VOLUME SHOULD EXTEND A HORIZONTAL DISTANCE OF AT LEAST 2 FT. BEHIND THE REINFORCED VOLUME AND THEN EXTEND UPWARD AT A 1H:2V OR FLATTER BACKFILL SLOPE.

SEE RFI # 063  
OFFSET CONTROL IS REFERENCED TO FACE OF COPING.

OFFSET VARIES TO FACE OF RET. WALL.

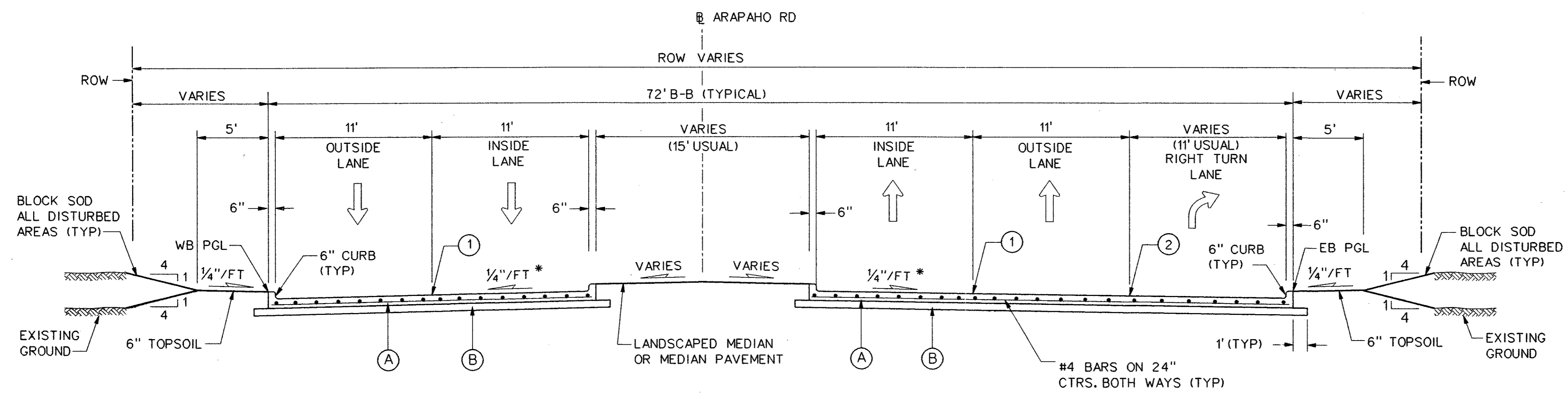


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5	6-1-04	ADDED NOTE		JSN
NO.	DATE	REVISION		APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies				
<b>ARAPAHO ROAD - PHASE III</b>				
SURVEYOR BOULEVARD TO ADDISON ROAD				
PAVING TYPICAL SECTIONS				
SHEET 6 OF 9				
TOWN OF ADDISON, TEXAS				
Design	JSN	Drawn	GFS	DATE
Check	JDH	Check	JSN	APRIL 04
SCALE	1" = 5'	PROJECT NO.	25768	SHEET NO.
				PT-6

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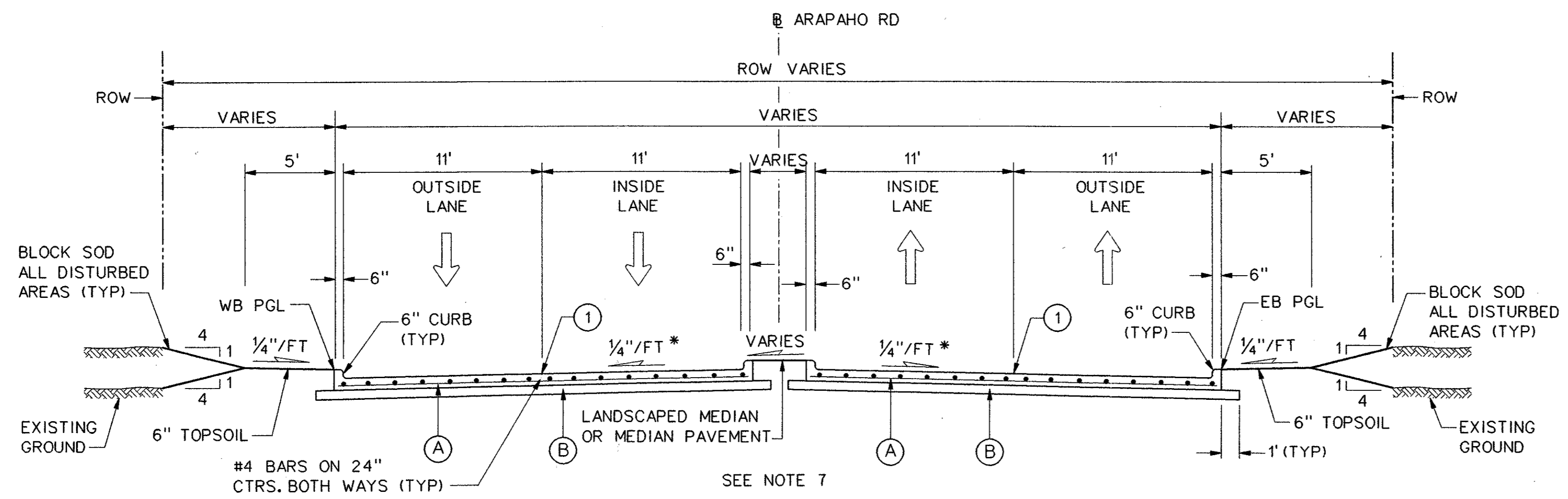


**TYPICAL SECTION - ARAPAHO ROAD**  
**4 LANE DIVIDED W/ EB RIGHT TURN LANE**  
 STA 69+12.85 TO STA 71+66.55

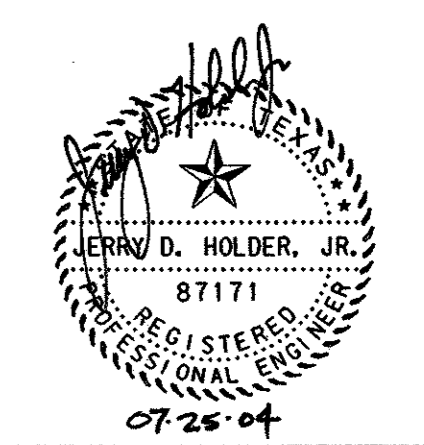
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**TYPICAL SECTION - ARAPAHO ROAD**  
**4 LANE DIVIDED**  
 STA 67+77.46 TO STA 69+12.85



				37	
NO.	DATE	REVISION	APPROV.		
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies					
<b>ARAPAHO ROAD - PHASE III</b>					
SURVEYOR BOULEVARD TO ADDISON ROAD					
PAVING TYPICAL SECTIONS					
SHEET 7 OF 9					
TOWN OF ADDISON, TEXAS					
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check JSN	APRIL 04	1" = 5'	25768	PT-7

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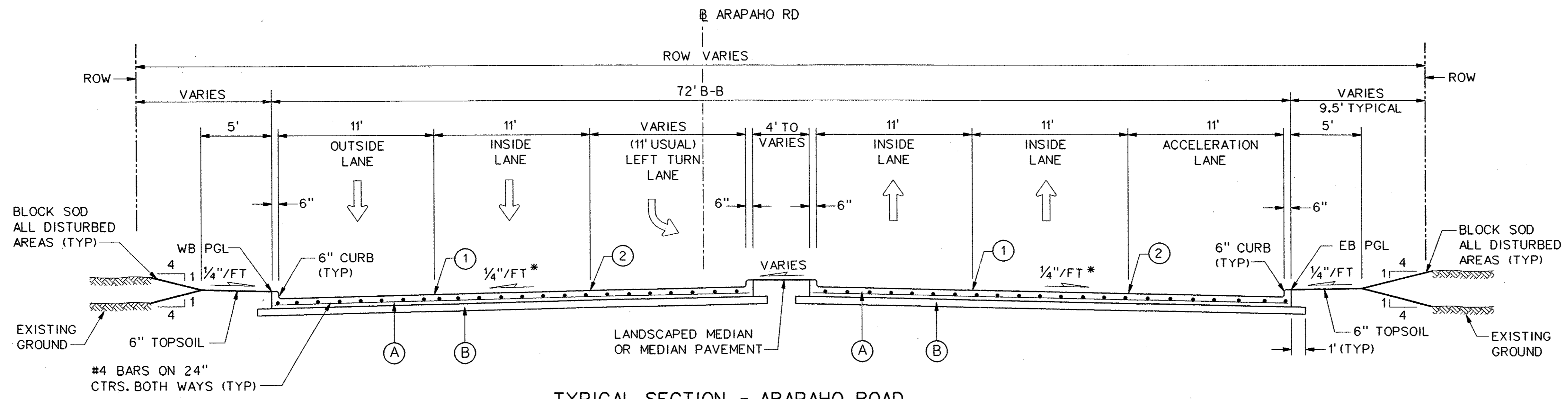
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2. ALL TRANSVERSE JOINTS SHALL BE ON 11' CENTERS MAX.
3. PROFILE GRADES SHOWN ON THE PAVING PLAN & PROFILE SHEETS ARE TOP OF CURB UNLESS NOTED OTHERWISE ON THE PLANS.
4. SEE PAVING PLAN & PROFILE SHEETS FOR MEDIAN AND RIGHT TURN LANE TOP OF CURB GRADES.
5. THE FINAL FINISH ON THE CONCRETE STREET PAVEMENT SHALL CONSIST OF A COMBINATION OF A LONGITUDINAL CARPET DRAG AND TRANSVERSE METAL TINE FINISH AS DESCRIBED IN TxDOT STANDARD SPECIFICATIONS FOR ITEM 360 - CONCRETE PAVEMENT UNLESS SPECIFIED OTHERWISE IN THE PLANS.
6. TOPSOIL TO BE FINE GRADED AND RAKED BEFORE SOD IS INSTALLED.

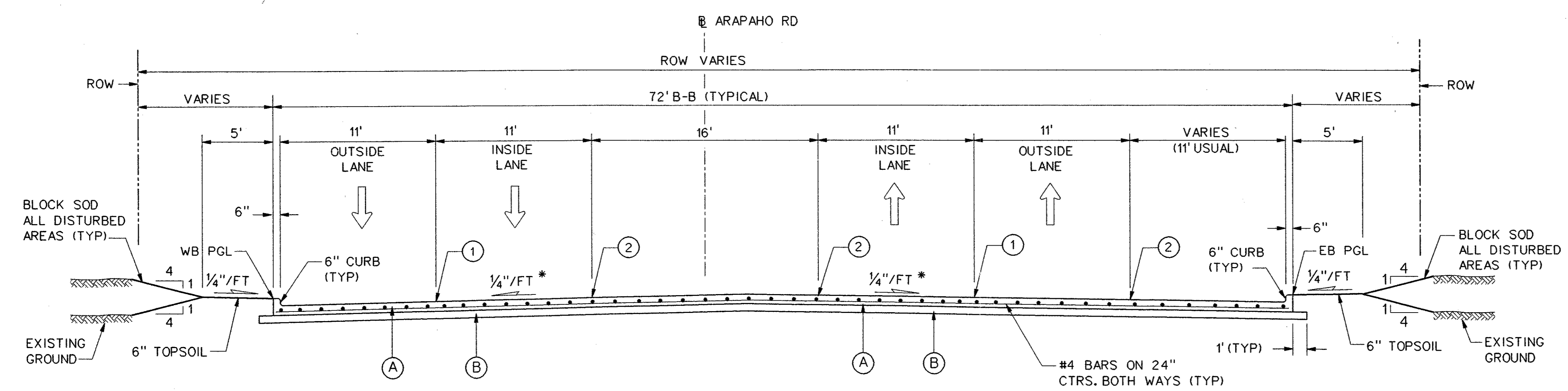
\*PAVEMENT CROSS SLOPES VARY FROM THE TYPICAL 1/4"/FT. SEE PAVING PLANS FOR PROPOSED GRADES.

**LEGEND**

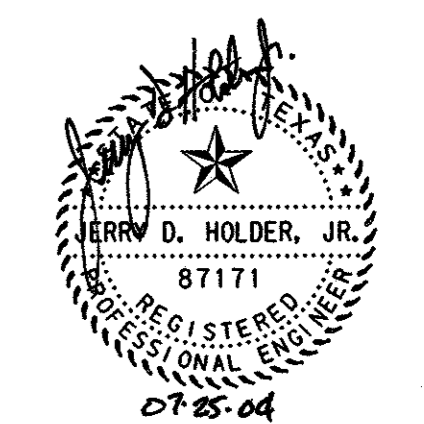
- (A) 10" 5000 p.s.i. REINFORCED PORTLAND CEMENT CONCRETE PVMT.
- (B) SCARIFY 6" DEPTH AND RECOMPACT TO 95% STANDARD PROCTOR DENSITY. SUBSIDIARY TO 10" REINFORCED CONCRETE PAY ITEM.
- (1) SAWED LONGITUDINAL DUMMY JOINT.
- (2) CONSTRUCTION JOINT (FULL WIDTH PAVING IS ALLOWED WHERE APPROVED BY THE TOWN OF ADDISON). IF FULL WIDTH PAVING IS APPROVED, SAWED JOINT.



**TYPICAL SECTION - ARAPAHO ROAD**  
**4 LANE DIVIDED W/ WB LEFT TURN LANE**  
**AND EB ACCELERATION LANE**  
 STA 72+38.24 TO STA 74+92.46



**TYPICAL SECTION - ARAPAHO ROAD**  
**HERITAGE INN ENTRANCE**  
 STA 71+66.55 TO STA 72+38.24



				38
NO.	DATE	REVISION	APPROV.	
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS <i>The HNTB Companies</i>				
<b>ARAPAHO ROAD - PHASE III</b>				
SURVEYOR BOULEVARD TO ADDISON ROAD				
PAVING TYPICAL SECTIONS				
SHEET 8 OF 9				
TOWN OF ADDISON, TEXAS				
Design	JSN	Drawn	GFS	DATE
Check	JDH	Check	JSN	APRIL 04
SCALE	1" = 5'	PROJECT NO.	25768	SHEET NO.
				PT-8

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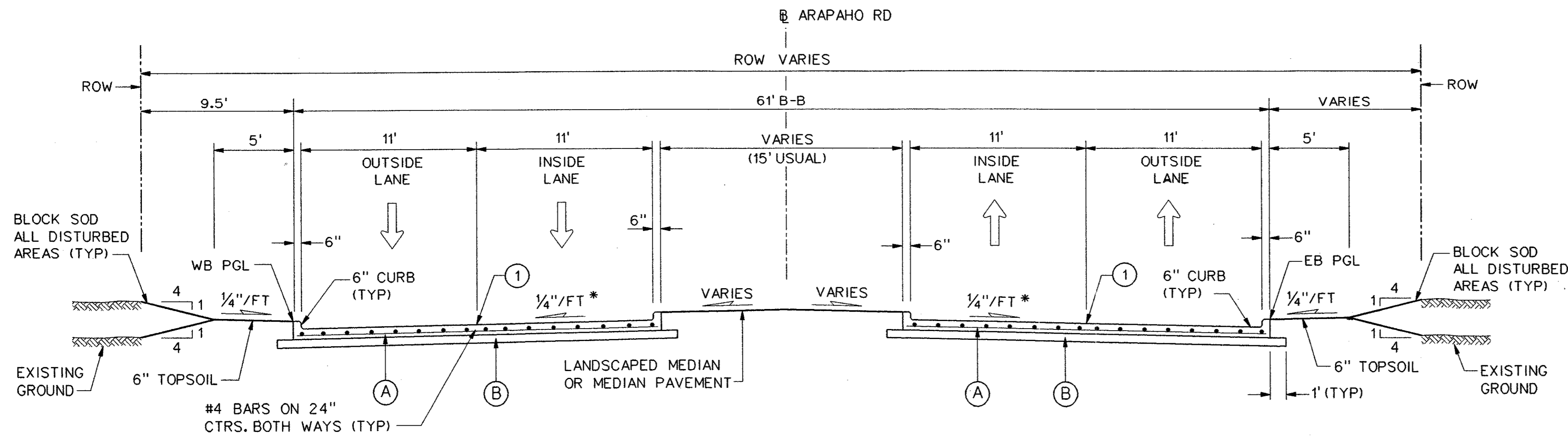
**NOTES:**

1. INTEGRAL CURB & GUTTER SHALL CONFORM TO NCTCOG STD DWG NO. 2120.
2. ALL TRANSVERSE JOINTS SHALL BE ON 11' CENTERS MAX.
3. PROFILE GRADES SHOWN ON THE PAVING PLAN & PROFILE SHEETS ARE TOP OF CURB AT BACK OF CURB UNLESS NOTED OTHERWISE ON THE PLANS.
4. SEE PAVING PLAN & PROFILE SHEETS FOR MEDIAN AND RIGHT TURN LANE TOP OF CURB GRADES.
5. THE FINAL FINISH ON THE CONCRETE STREET PAVEMENT SHALL CONSIST OF A COMBINATION OF A LONGITUDINAL CARPET DRAG AND TRANSVERSE METAL TINE FINISH AS DESCRIBED IN TxDOT STANDARD SPECIFICATIONS FOR ITEM 360 - CONCRETE PAVEMENT UNLESS SPECIFIED OTHERWISE IN THE PLANS.
6. TOPSOIL TO BE FINE GRADED AND RAKED BEFORE SOD IS INSTALLED.

\* PAVEMENT CROSS SLOPES VARY FROM THE TYPICAL 1/4"/FT. SEE PAVING PLANS FOR PROPOSED GRADES.

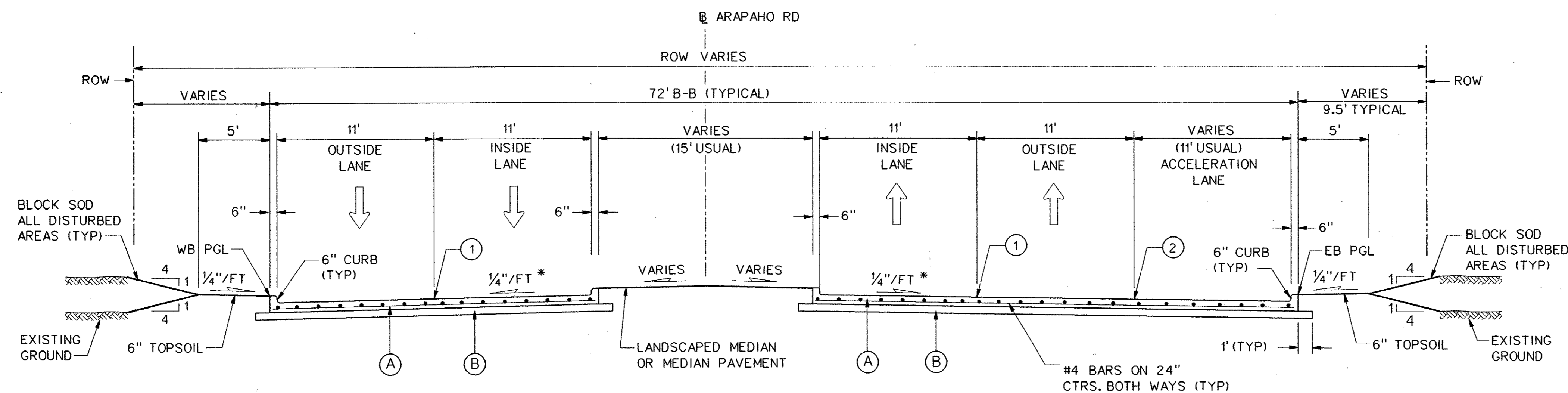
**LEGEND**

- (A) 10" 5000 p.s.i. REINFORCED PORTLAND CEMENT CONCRETE PVMT.
- (B) SCARIFY 6" DEPTH AND RECOMPACT TO 95% STANDARD PROCTOR DENSITY. SUBSIDIARY TO 10" REINFORCED CONCRETE PAY ITEM.
- (1) SAWED LONGITUDINAL DUMMY JOINT.
- (2) CONSTRUCTION JOINT (FULL WIDTH PAVING IS ALLOWED WHERE APPROVED BY THE TOWN OF ADDISON). IF FULL WIDTH PAVING IS APPROVED, SAWED JOINT.



**TYPICAL SECTION - ARAPAHO ROAD**  
4 LANE DIVIDED

STA 83+78.18 TO STA 81+08.97



**TYPICAL SECTION - ARAPAHO ROAD**  
4 LANE DIVIDED W/ EB ACCELERATION LANE

STA 74+92.46 TO STA 83+78.18



NO.		DATE	REVISION	APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS <i>The HNTB Companies</i>				
<b>ARAPAHO ROAD - PHASE III</b>				
SURVEYOR BOULEVARD TO ADDISON ROAD				
PAVING TYPICAL SECTIONS				
SHEET 9 OF 9				
TOWN OF ADDISON, TEXAS				
Design	JSN	Drawn	GFS	DATE
Check	JDH	Check	JSN	APRIL 04
SCALE	1" = 5'	PROJECT NO.	25768	SHEET NO.
				PT-9

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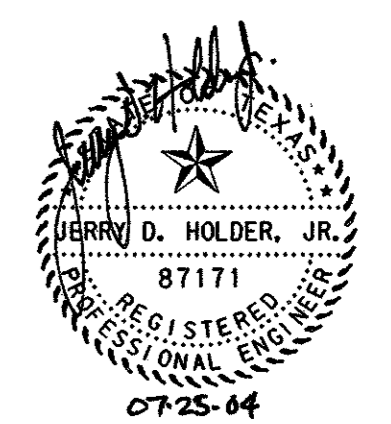
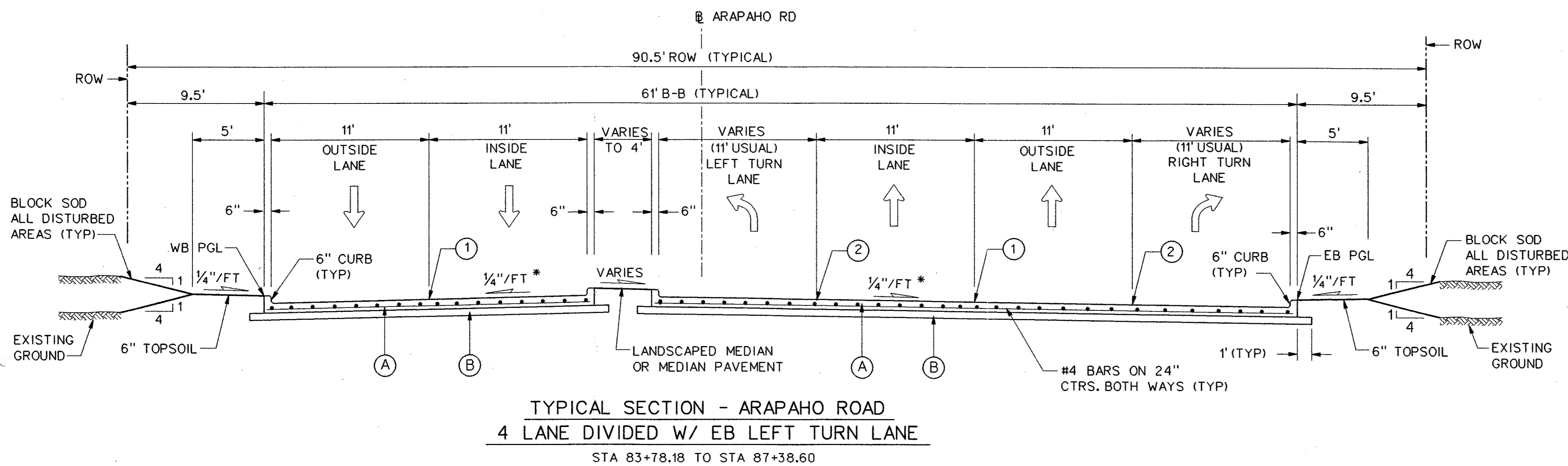
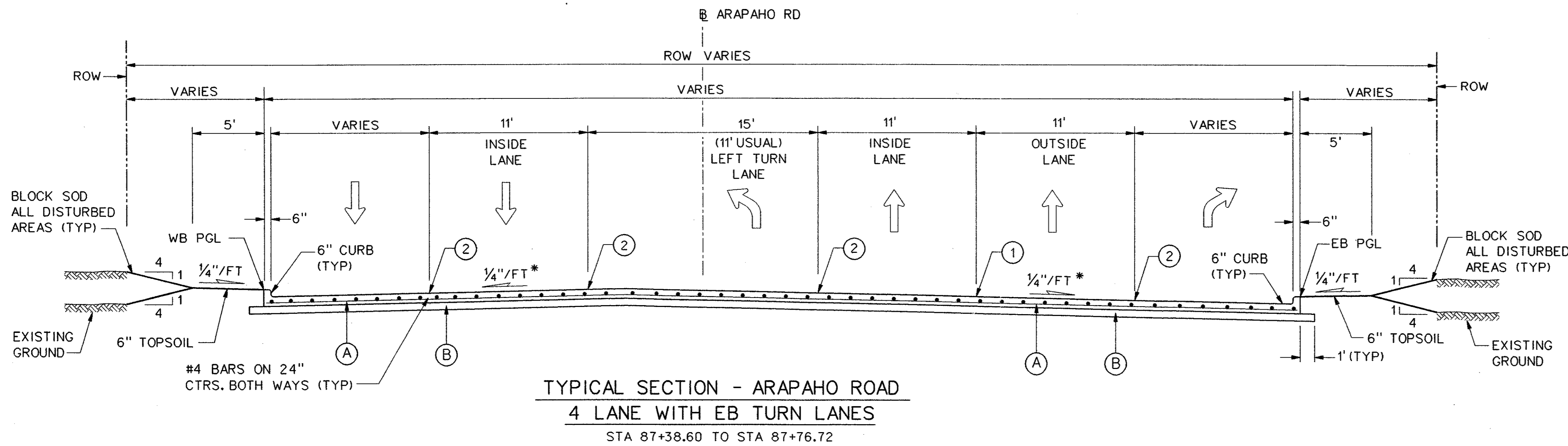
**NOTES:**

1. INTEGRAL CURB & GUTTER SHALL CONFORM TO NCTCOG STD DWG NO. 2120.
2. ALL TRANSVERSE JOINTS SHALL BE ON 11' CENTERS MAX.
3. PROFILE GRADES SHOWN ON THE PAVING PLAN & PROFILE SHEETS ARE TOP OF CURB AT BACK OF CURB UNLESS NOTED OTHERWISE ON THE PLANS.
4. SEE PAVING PLAN & PROFILE SHEETS FOR MEDIAN AND RIGHT TURN LANE TOP OF CURB GRADES.
5. THE FINAL FINISH ON THE CONCRETE STREET PAVEMENT SHALL CONSIST OF A COMBINATION OF A LONGITUDINAL CARPET DRAG AND TRANSVERSE METAL TINE FINISH AS DESCRIBED IN TxDOT STANDARD SPECIFICATIONS FOR ITEM 360 - CONCRETE PAVEMENT UNLESS SPECIFIED OTHERWISE IN THE PLANS.
6. TOPSOIL TO BE FINE GRADED AND RAKED BEFORE SOD IS INSTALLED.

\*PAVEMENT CROSS SLOPES VARY FROM THE TYPICAL 1/4"/FT. SEE PAVING PLANS FOR PROPOSED GRADES.

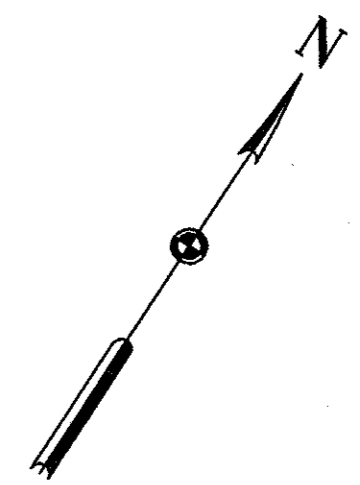
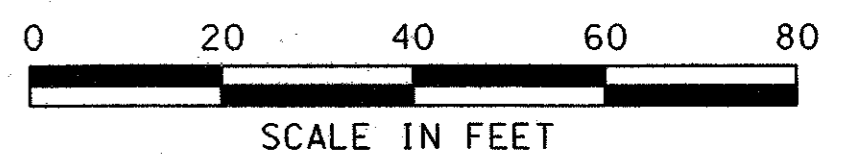
LEGEND

- (A) 10" 5000 p.s.i. REINFORCED PORTLAND CEMENT CONCRETE PVMT.
- (B) SCARIFY 6" DEPTH AND RECOMPACT TO 95% STANDARD PROCTOR DENSITY. SUBSIDIARY TO 10" REINFORCED CONCRETE PAY ITEM.
- (1) SAWED LONGITUDINAL DUMMY JOINT.
- (2) CONSTRUCTION JOINT (FULL WIDTH PAVING IS ALLOWED WHERE APPROVED BY THE TOWN OF ADDISON). IF FULL WIDTH PAVING IS APPROVED, SAWED JOINT.

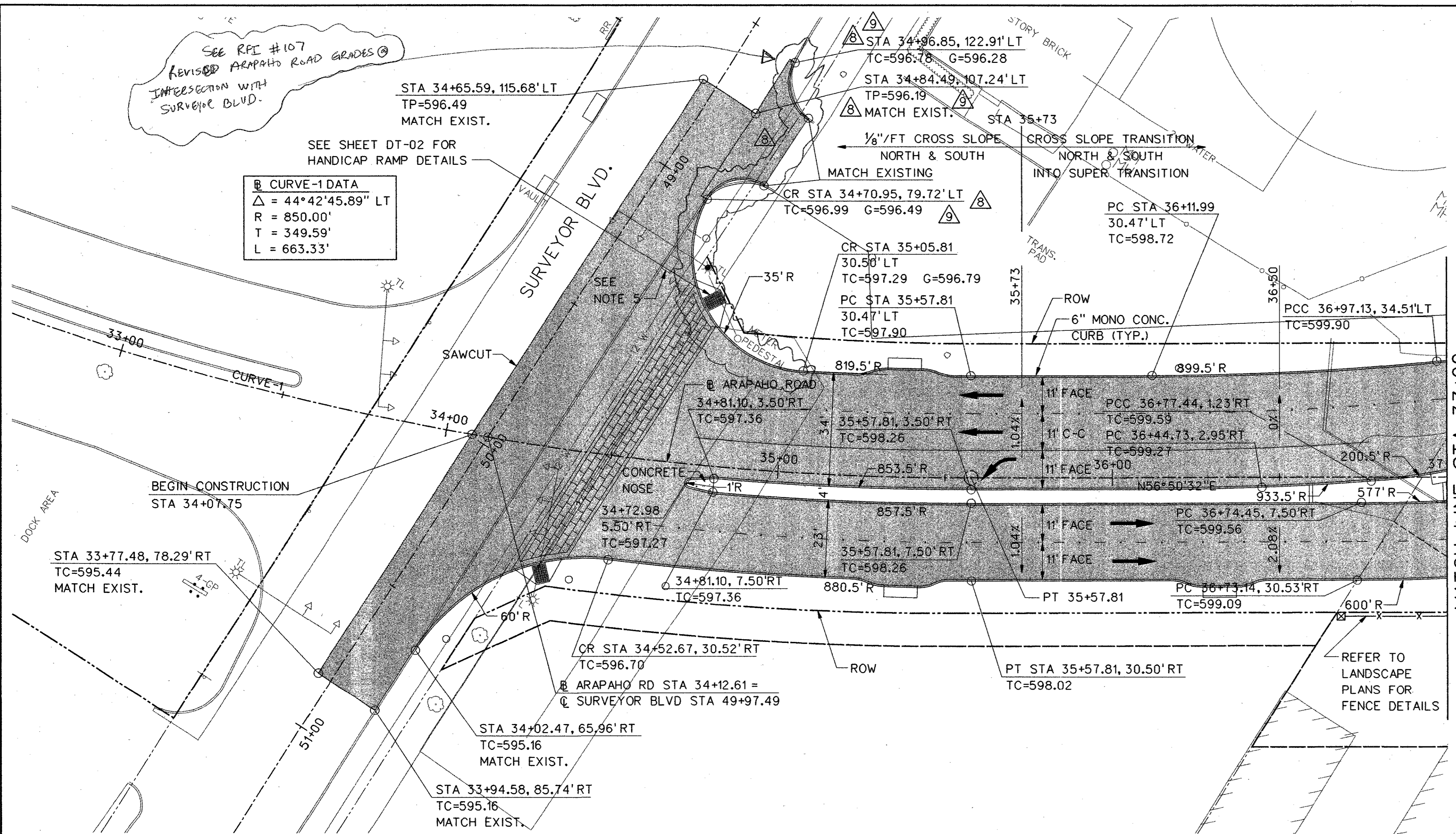


	40		
NO.	DATE	REVISION	APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies <b>ARAPAHO ROAD - PHASE III</b> SURVEYOR BOULEVARD TO ADDISON ROAD PAVING TYPICAL SECTIONS SHEET 9 OF 9 TOWN OF ADDISON, TEXAS			
Design JSN	Drawn GFS	DATE	SCALE
Check JDH	Check JSN	APRIL 04	1" = 5'
PROJECT NO.	SHEET NO.		
25768	PT-10		

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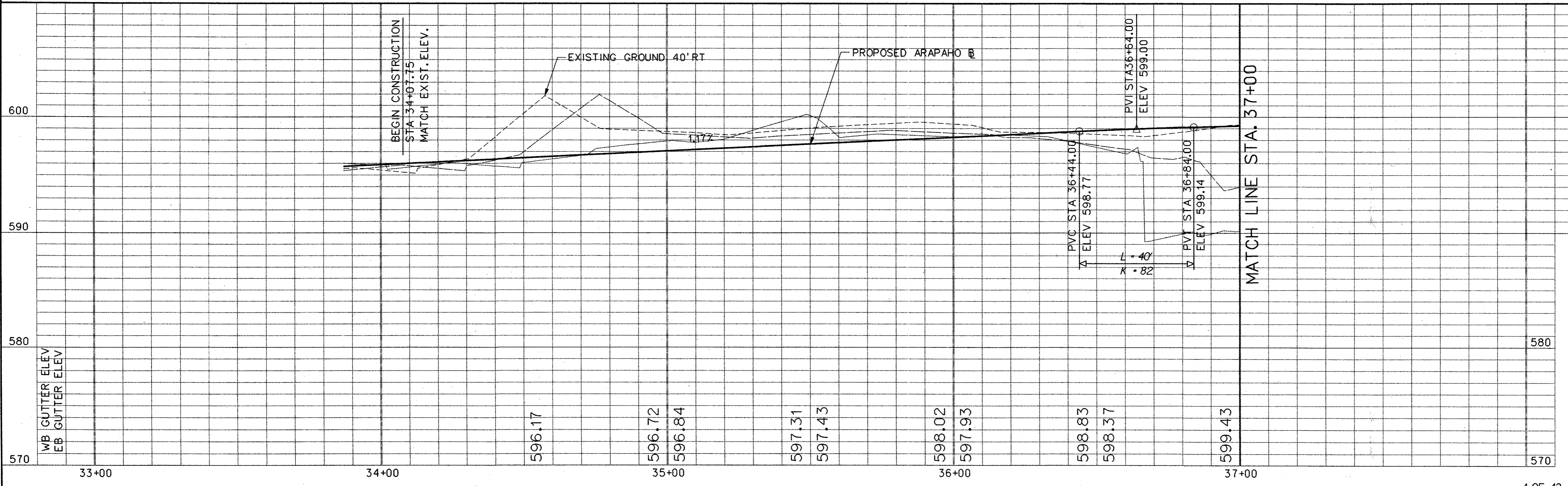
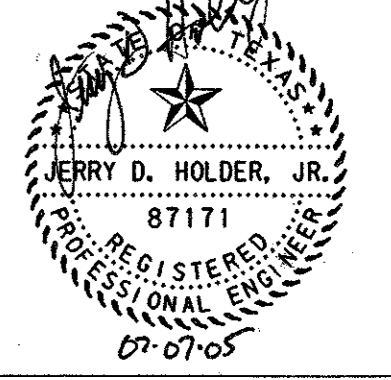
**Curve-1 Data**  
 $\Delta = 44^\circ 42' 45.89''$  LT  
 R = 850.00'  
 T = 349.59'  
 L = 663.33'



LEGEND	
	EXISTING CURB
	PROPOSED CURB
TP=XXX.XX	TOP OF PAVEMENT ELEVATION
TC=XXX.XX	TOP OF CURB ELEVATION
G=XXX.XX	GUTTER ELEVATION
CR	CURB RETURN
	FENCE
	FIRE HYDRANT
	LIGHT POLE
	POWER POLE
	SAN. SEWER MANHOLE
	SIGN
	TRAFFIC SIGNAL
	VEGETATION
	TREE
	WATER LINE
	TEMPORARY CONSTRUCTION EASEMENT
	PROPOSED PAVING
	BRIDGE

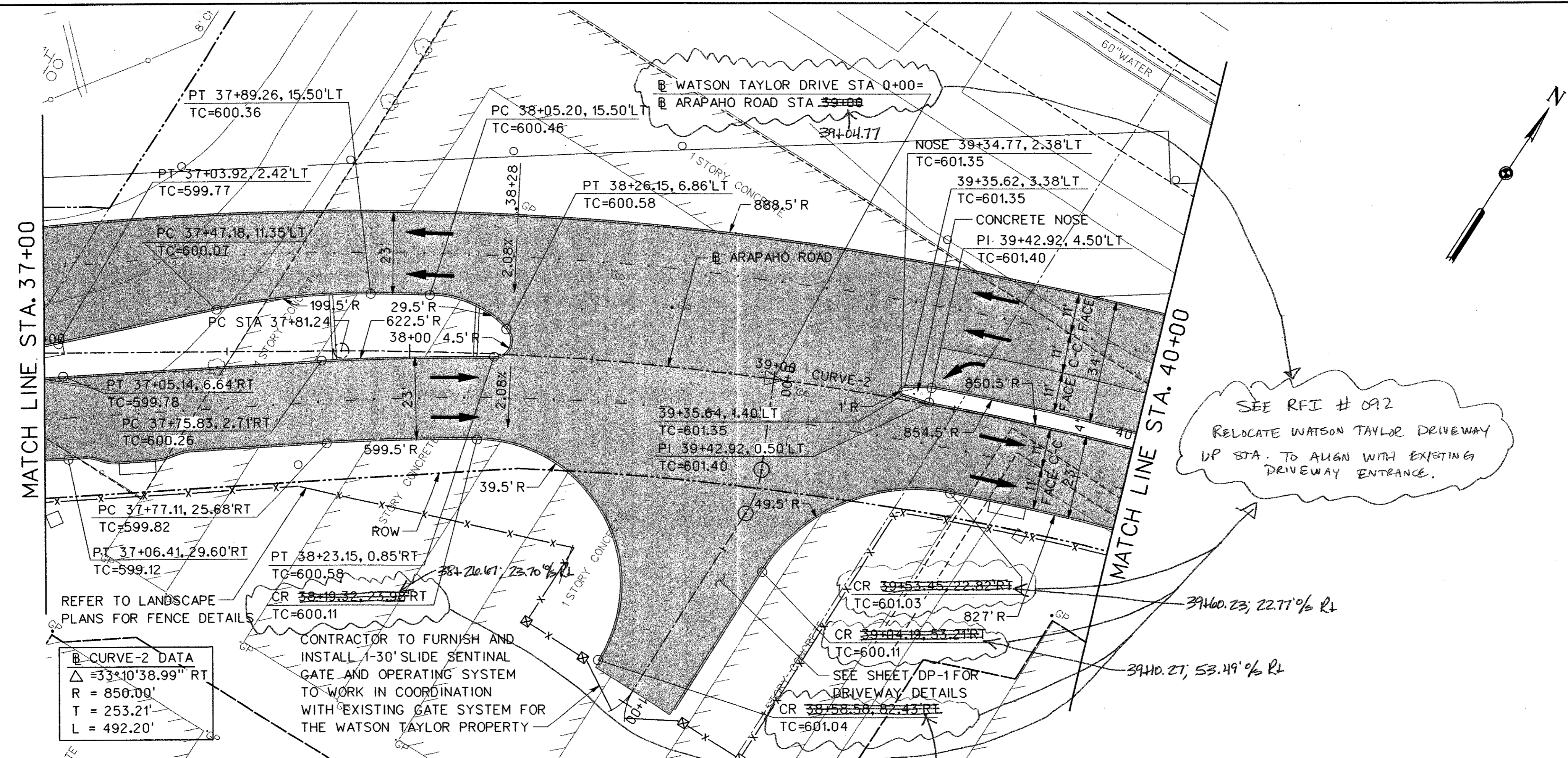
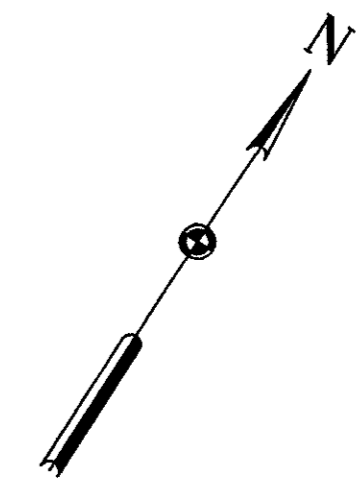
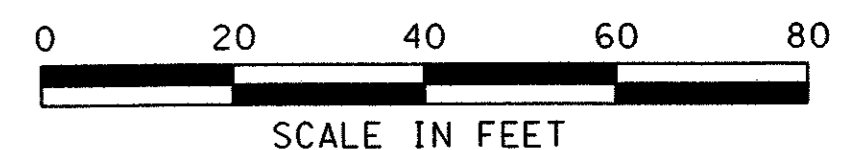
- SEE SHEETS LA-01 TO LA-14 FOR TRAIL LAYOUT.
- EXISTING VAULT TO BE LOWERED TO PROPOSED GRADES. COVER TO BE REPLACED WITH A HEAVY TRAFFIC GRATE.
- REFER TO SITESWORK AND LANDSCAPING PLANS FOR ADDITIONAL MEDIAN TREATMENTS.

- NOTES:
- ALL DIMENSIONS AND CALL OUTS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
  - SEE SHEET DT-05 FOR FENCE DETAIL.
  - SEE SHEET DT-01, DETAIL E FOR DETAILS ON PVMT. LEAVEOUT FOR BRICK PAVERS.



9	7-7-05	REVISED GRADES AT DRIVE	JDH
8	6-9-05	REVISED GRADES ALONG SURVEYOR	JDH
NO.	DATE	REVISION	APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies			
<b>ARAPAHO ROAD - PHASE III</b>			
SURVEYOR BOULEVARD TO ADDISON ROAD			
PAVING PLAN AND PROFILE			
STA 34+07.75 TO STA 37+00			
TOWN OF ADDISON, TEXAS			
Design JSN	Drawn GFS	DATE	SCALE PROJECT NO. SHEET NO.
Check JDH	Check JSN	APRIL 04	H: 1"=20' V: 1"=5' 25768 PP-1

07-JUL-2005 09:02 G:\25768-PP3\N1\Cdas\ar3pp01.dgn



**LEGEND**

- ===== EXISTING CURB
- ===== PROPOSED CURB
- TP=XXX.XX TOP OF PAVEMENT ELEVATION
- TC=XXX.XX TOP OF CURB ELEVATION
- G=XXX.XX GUTTER ELEVATION
- CR CURB RETURN
- X FENCE
- FIRE HYDRANT
- ☼ LIGHT POLE
- POWER POLE
- MH SAN. SEWER MANHOLE
- ⊥ SIGN
- ⊗ TL TRAFFIC SIGNAL
- ☁ VEGETATION
- ☼ TREE
- W — WATER LINE
- TEMPORARY CONSTRUCTION EASEMENT
- ▨ PROPOSED PAVING
- ▩ BRIDGE

SEE RFI # 092  
RELOCATE WATSON TAYLOR DRIVEWAY UP STA. TO ALIGN WITH EXISTING DRIVEWAY ENTRANCE.

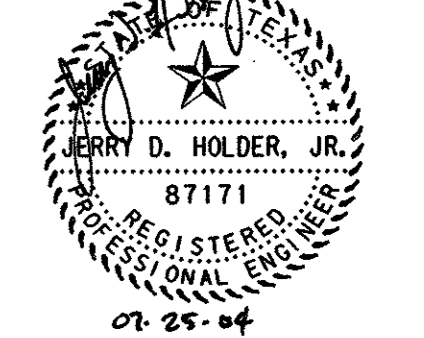
**CURVE-2 DATA**  
 $\Delta = 33^\circ 10' 38.99''$  RT  
 R = 850.00'  
 T = 253.21'  
 L = 492.20'

CONTRACTOR TO FURNISH AND INSTALL 1-30' SLIDE SENTINAL GATE AND OPERATING SYSTEM TO WORK IN COORDINATION WITH EXISTING GATE SYSTEM FOR THE WATSON TAYLOR PROPERTY

REFER TO LANDSCAPE PLANS FOR FENCE DETAILS

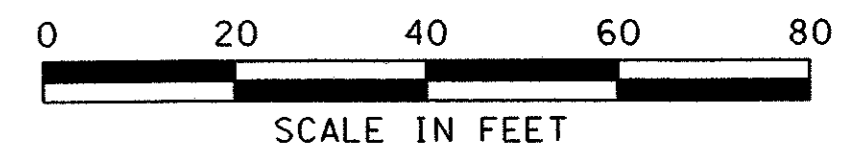
SEE SHEET DP-1 FOR DRIVEWAY DETAILS

- NOTES:**
1. ALL DIMENSIONS AND CALL OUTS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
  2. SEE SHEET DT-05 FOR FENCE DETAIL.
  3. REFER TO SITEWORK AND LANDSCAPING PLANS FOR ADDITIONAL MEDIAN TREATMENTS.



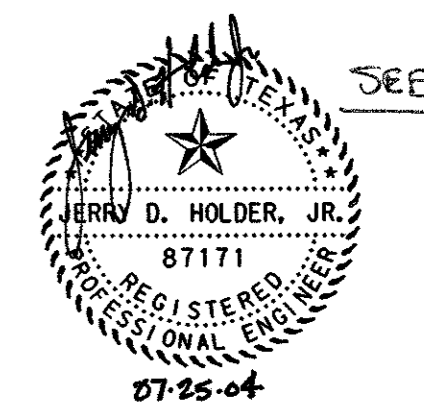
NO.	DATE	REVISION	APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies			
<b>ARAPAHO ROAD - PHASE III</b>			
SURVEYOR BOULEVARD TO ADDISON ROAD			
PAVING PLAN AND PROFILE			
STA 37+00 TO STA 40+00			
TOWN OF ADDISON, TEXAS			
Design JSN	Drawn GFS	DATE	SCALE
Check JDH	Check JSN	APRIL 04	H: 1" = 20' V: 1" = 5'
PROJECT NO. 25768		SHEET NO. PP-2	

29-JUN-2004 12:20 C:\p3\h1\cds\ar3pp02.dgn



LEGEND	
	EXISTING CURB
	PROPOSED CURB
TP=XXX.XX	TOP OF PAVEMENT ELEVATION
TC=XXX.XX	TOP OF CURB ELEVATION
G=XXX.XX	GUTTER ELEVATION
CR	CURB RETURN
	FENCE
	FIRE HYDRANT
	LIGHT POLE
	POWER POLE
	SAN. SEWER MANHOLE
	SIGN
	TRAFFIC SIGNAL
	VEGETATION
	TREE
	WATER LINE
	TEMPORARY CONSTRUCTION EASEMENT
	PROPOSED PAVING
	BRIDGE

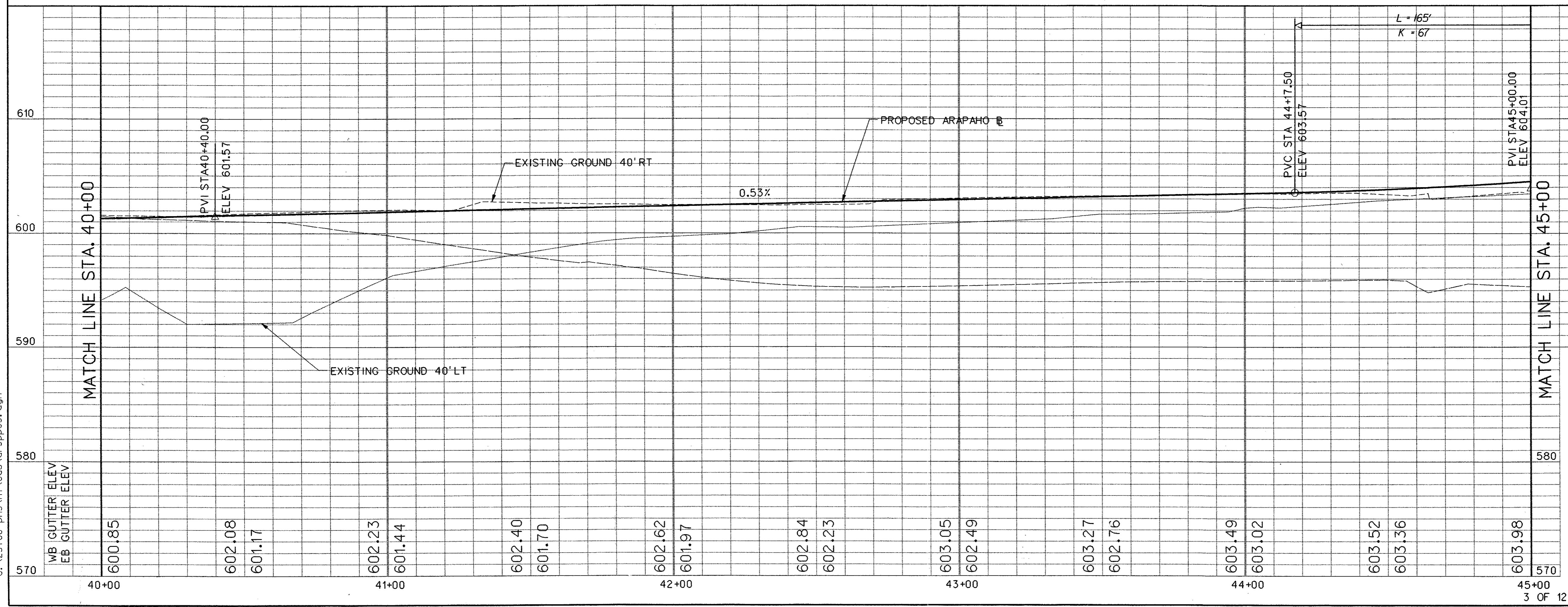
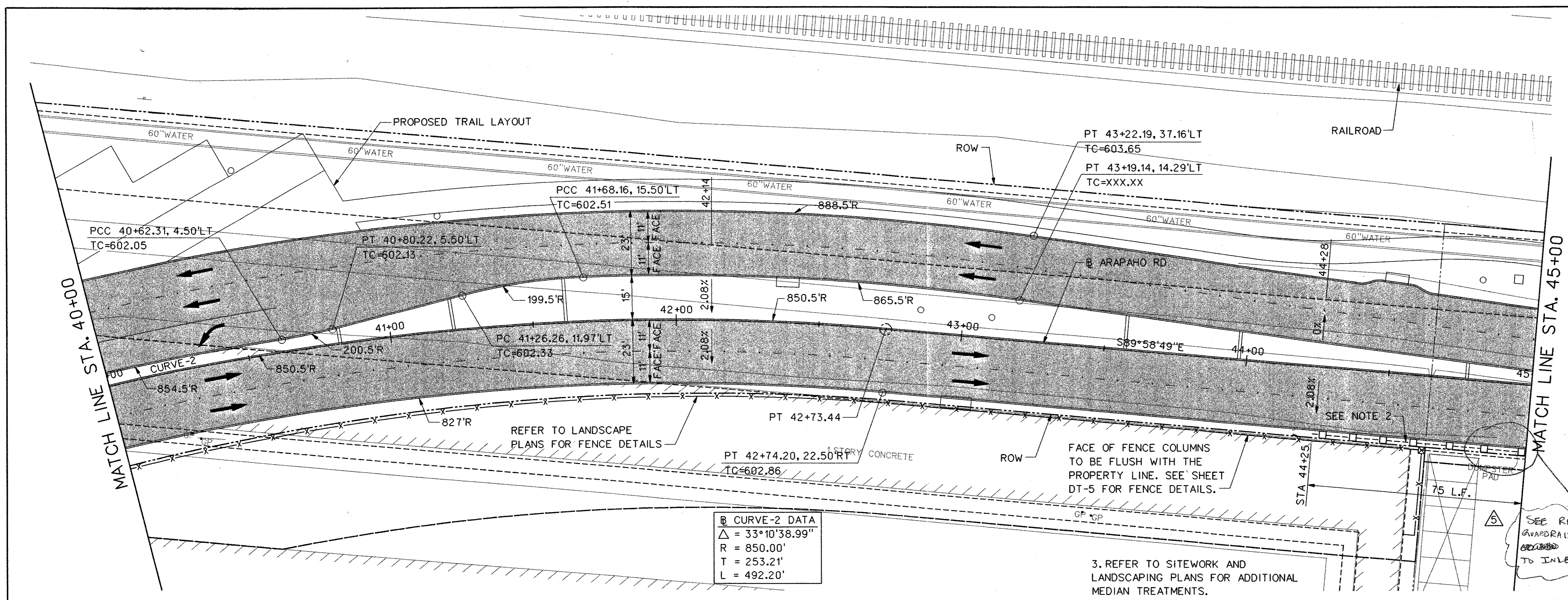
- NOTES:
1. ALL DIMENSIONS AND CALL OUTS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
  2. 75 L.F. OF TxDOT SGT(8). CONTRACTOR TO INSTALL HB-03A WITH IMPACT HEAD.



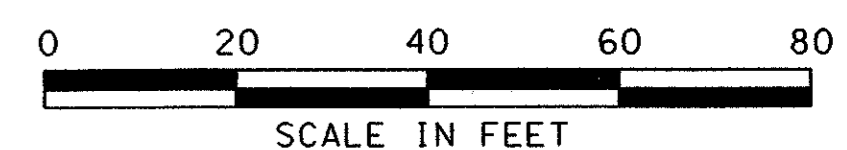
NO.	DATE	REVISION	APPROV.
5	6/3/04	EXTENDED SGT	JSN

**HNTB** ARCHITECTS ENGINEERS PLANNERS  
 The HNTB Companies  
**ARAPAHO ROAD - PHASE III**  
 SURVEYOR BOULEVARD TO ADDISON ROAD  
 PAVING PLAN AND PROFILE  
 STA 40+00 TO STA 45+00  
 TOWN OF ADDISON, TEXAS

Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check JSN	APRIL 04	H: 1"=20' V: 1"=5'	25768	PP-3

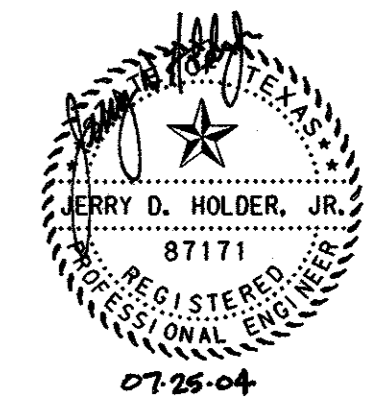


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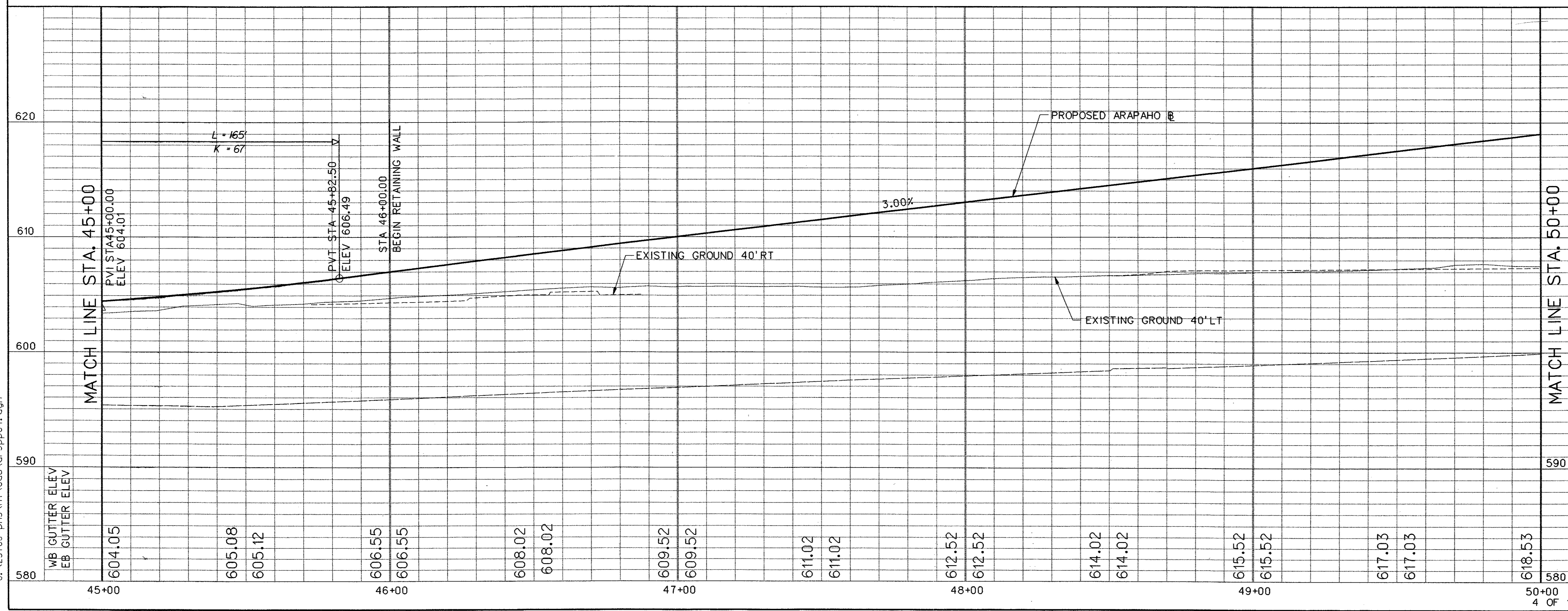
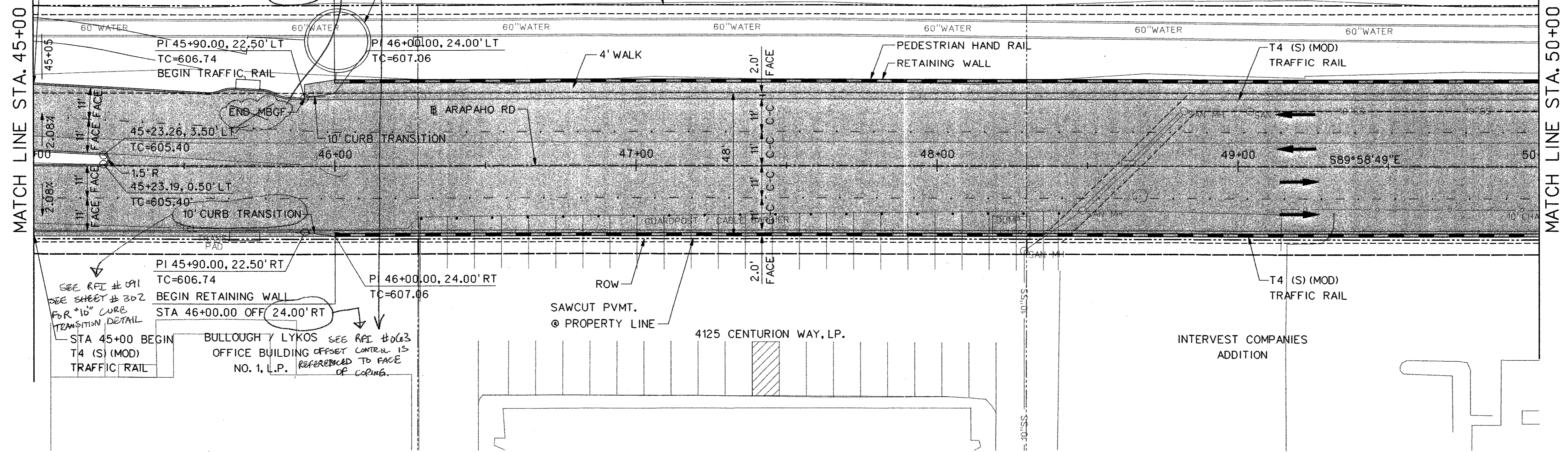


LEGEND	
	EXISTING CURB
	PROPOSED CURB
TP=XXX.XX	TOP OF PAVEMENT ELEVATION
TC=XXX.XX	TOP OF CURB ELEVATION
G=XXX.XX	GUTTER ELEVATION
CR	CURB RETURN
	FENCE
	FIRE HYDRANT
	LIGHT POLE
	POWER POLE
	SAN. SEWER MANHOLE
	SIGN
	TRAFFIC SIGNAL
	VEGETATION
	TREE
	WATER LINE
	TEMPORARY CONSTRUCTION EASEMENT
	PROPOSED PAVING
	BRIDGE

- NOTES:**
1. ALL DIMENSIONS AND CALL OUTS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
  2. REFER TO PLANS FOR RETAINING WALL AND BRIDGE INFORMATION AND DETAILS.

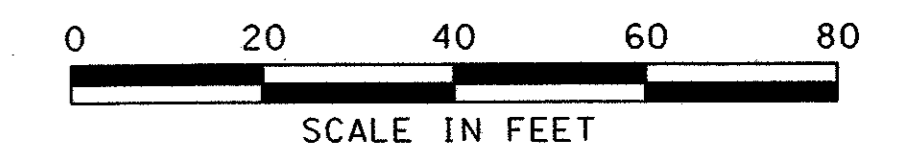
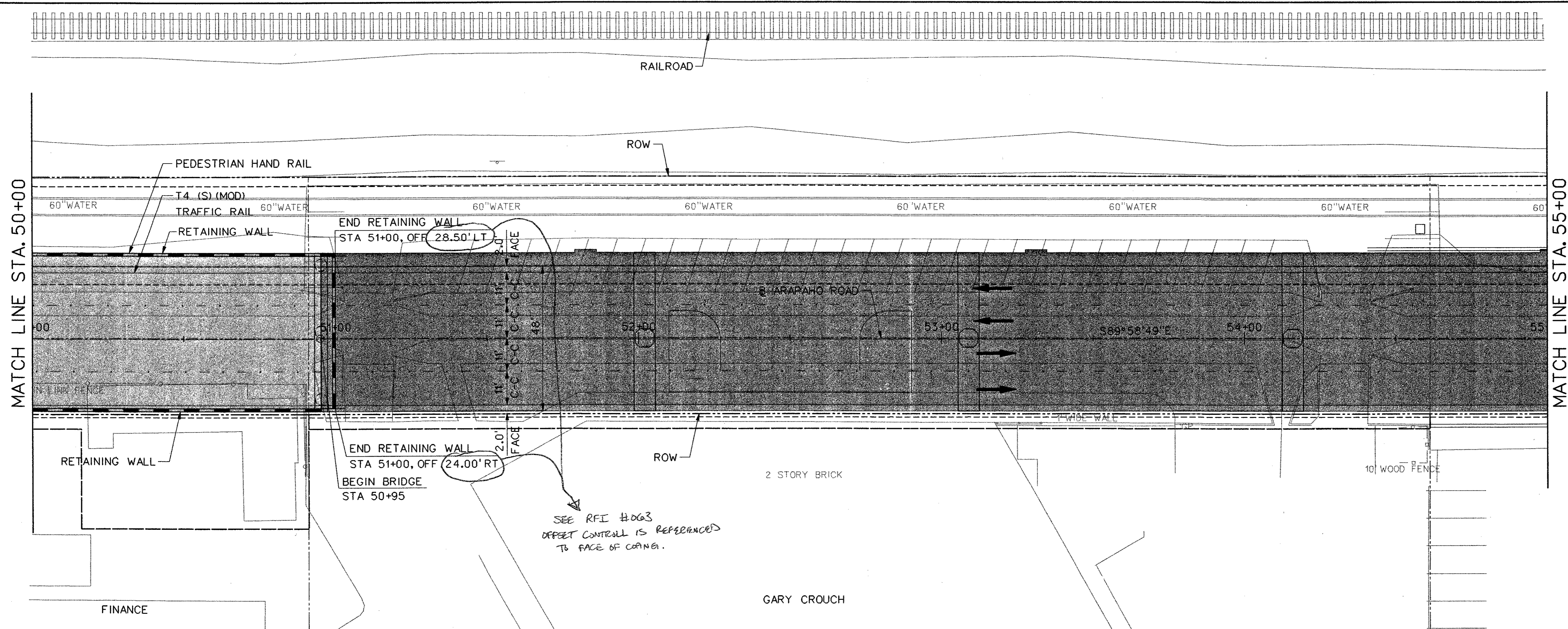


NO.	DATE	REVISION	APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies			
<b>ARAPAHO ROAD - PHASE III</b>			
SURVEYOR BOULEVARD TO ADDISON ROAD			
PAVING PLAN AND PROFILE			
STA 45+00 TO STA 50+00			
TOWN OF ADDISON, TEXAS			
Design JSN	Drawn GFS	DATE	SCALE
Check JDH	Check JSN	APRIL 04	H: 1"=20' V: 1"=5'
PROJECT NO. 25768		SHEET NO. PP-4	



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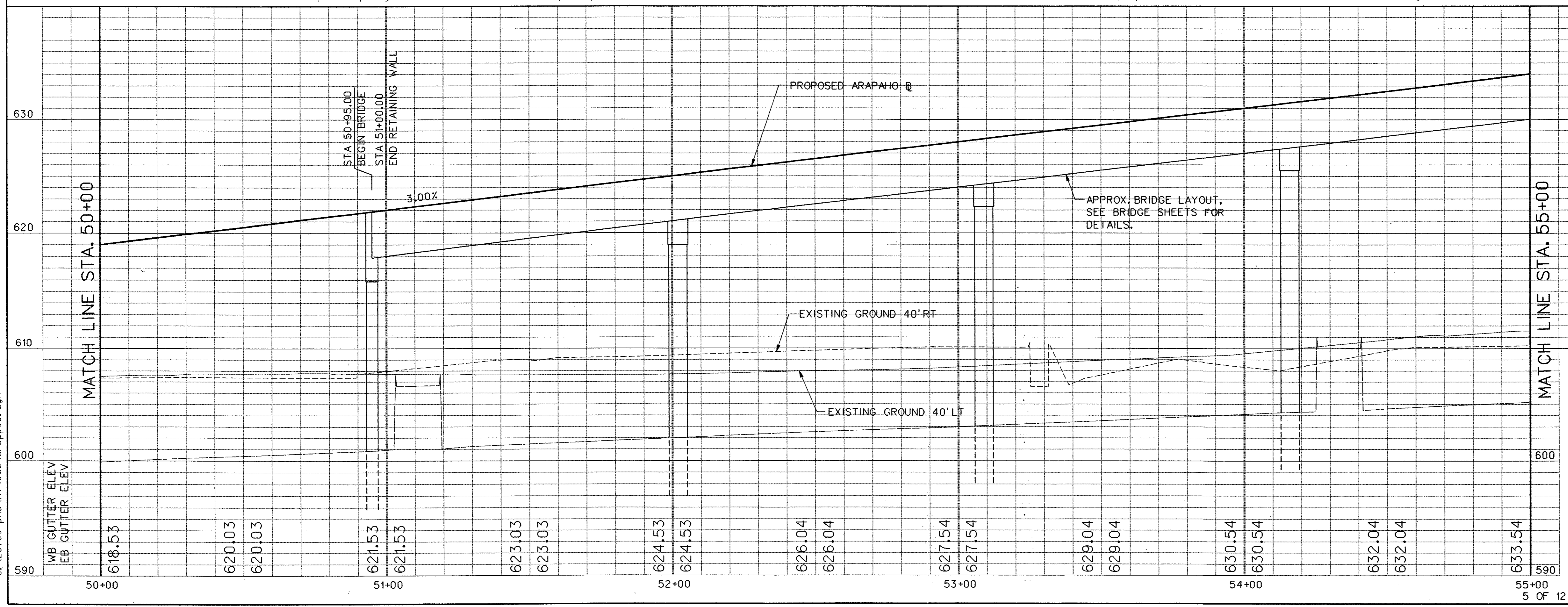
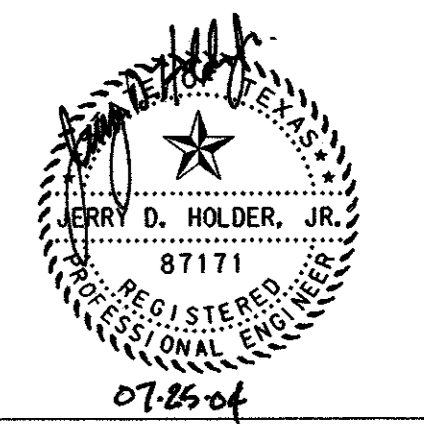
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**LEGEND**

- EXISTING CURB
- PROPOSED CURB
- TP=XXX.XX TOP OF PAVEMENT ELEVATION
- TC=XXX.XX TOP OF CURB ELEVATION
- G=XXX.XX GUTTER ELEVATION
- CR CURB RETURN
- ⊗ FENCE
- ⊙ FIRE HYDRANT
- ⊛ LIGHT POLE
- POWER POLE
- ⊙ MH SAN. SEWER MANHOLE
- ⊞ SIGN
- ⊛ TL TRAFFIC SIGNAL
- ⊞ VEGETATION
- ⊙ TREE
- W WATER LINE
- TEMPORARY CONSTRUCTION EASEMENT
- ▨ PROPOSED PAVING
- ▩ BRIDGE

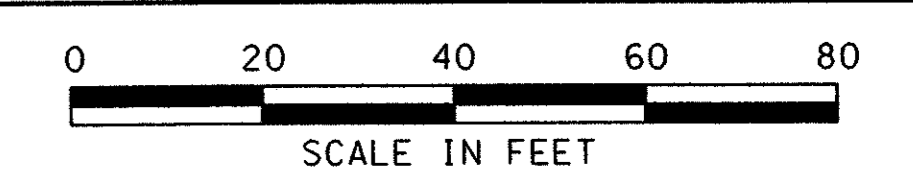
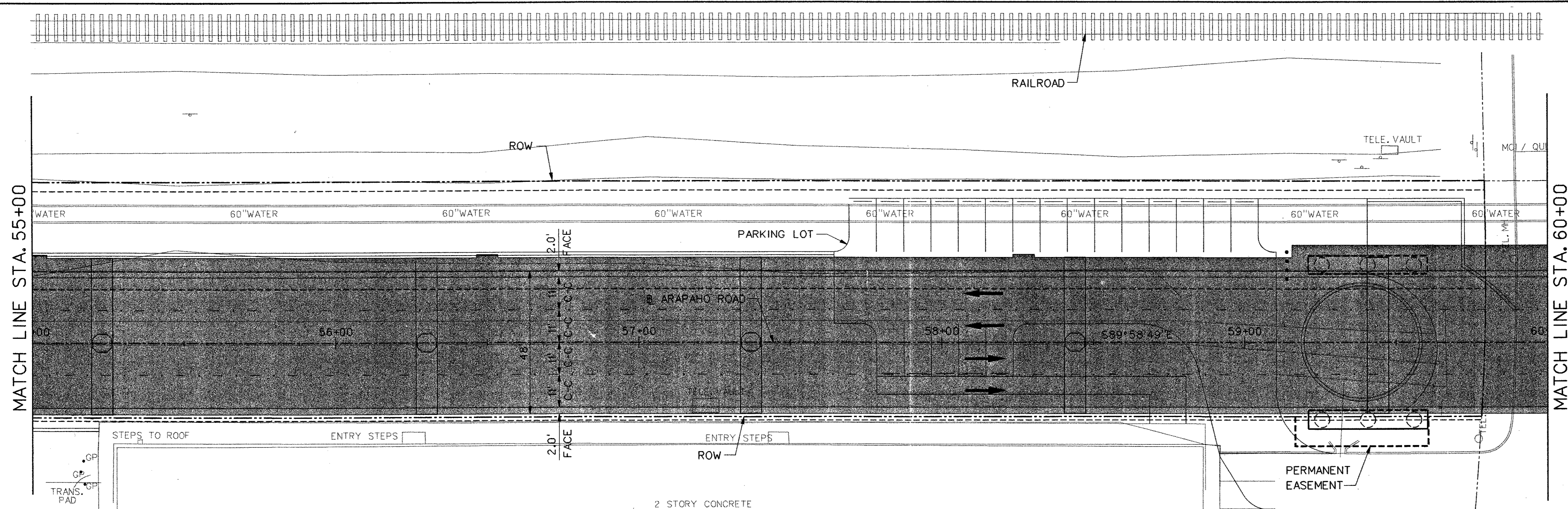
- NOTES:**
1. ALL DIMENSIONS AND CALL OUTS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
  2. REFER TO PLANS FOR RETAINING WALL AND BRIDGE INFORMATION AND DETAILS.



NO.	DATE	REVISION	APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies			
<b>ARAPAHO ROAD - PHASE III</b>			
SURVEYOR BOULEVARD TO ADDISON ROAD			
PAVING PLAN AND PROFILE STA 50+00 TO STA 55+00			
TOWN OF ADDISON, TEXAS			
Design JSN	Drawn GFS	DATE	SCALE
Check JDH	Check JSN	APRIL 04	H: 1"=20' V: 1"=5'
PROJECT NO. 25768		SHEET NO. PP-5	



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**LEGEND**

- EXISTING CURB
- PROPOSED CURB
- TP=XXX.XX TOP OF PAVEMENT ELEVATION
- TC=XXX.XX TOP OF CURB ELEVATION
- G=XXX.XX GUTTER ELEVATION
- CR CURB RETURN
- X FENCE
- FIRE HYDRANT
- ⊙ LIGHT POLE
- POWER POLE
- /MH SAN. SEWER MANHOLE
- ⊕ SIGN
- ⊙/TL TRAFFIC SIGNAL
- ⊙ VEGETATION
- ⊙ TREE
- W WATER LINE
- TEMPORARY CONSTRUCTION EASEMENT
- ▨ PROPOSED PAVING
- ▩ BRIDGE

- NOTES:**
- ALL DIMENSIONS AND CALL OUTS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
  - REFER TO PLANS FOR RETAINING WALL AND BRIDGE INFORMATION AND DETAILS.

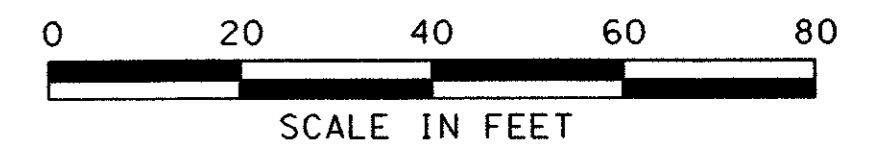


NO.	DATE	REVISION	APPROV.

**HNTB** ARCHITECTS ENGINEERS PLANNERS  
 The HNTB Companies

**ARAPAHO ROAD - PHASE III**  
 SURVEYOR BOULEVARD TO ADDISON ROAD  
 PAVING PLAN AND PROFILE  
 STA 55+00 TO STA 60+00  
 TOWN OF ADDISON, TEXAS

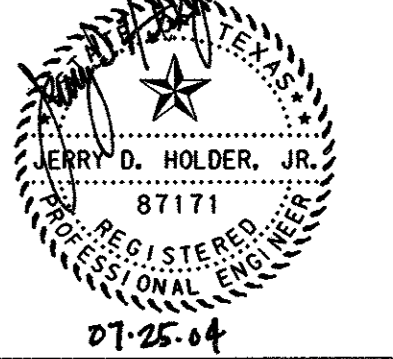
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check JSN	APRIL 04	H: 1"=20' V: 1"=5'	25768	PP-6



**LEGEND**

- EXISTING CURB
- PROPOSED CURB
- TP=XXX.XX TOP OF PAVEMENT ELEVATION
- TC=XXX.XX TOP OF CURB ELEVATION
- G=XXX.XX GUTTER ELEVATION
- CR CURB RETURN
- ✕ FENCE
- ⊙ FIRE HYDRANT
- ⊙ LIGHT POLE
- POWER POLE
- ⊙ MH SAN. SEWER MANHOLE
- ⊕ SIGN
- ⊙ TL TRAFFIC SIGNAL
- ⊙ VEGETATION
- ⊙ TREE
- WATER LINE
- TEMPORARY CONSTRUCTION EASEMENT
- ▨ PROPOSED PAVING
- ▨ BRIDGE

- NOTES:**
1. ALL DIMENSIONS AND CALL OUTS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
  2. REFER TO PLANS FOR RETAINING WALL AND BRIDGE INFORMATION AND DETAILS.
  3. SEE SHEETS PK1-PK4 FOR PARKING LOT LAYOUT AND DETAILS.



NO.	DATE	REVISION	APPROV.

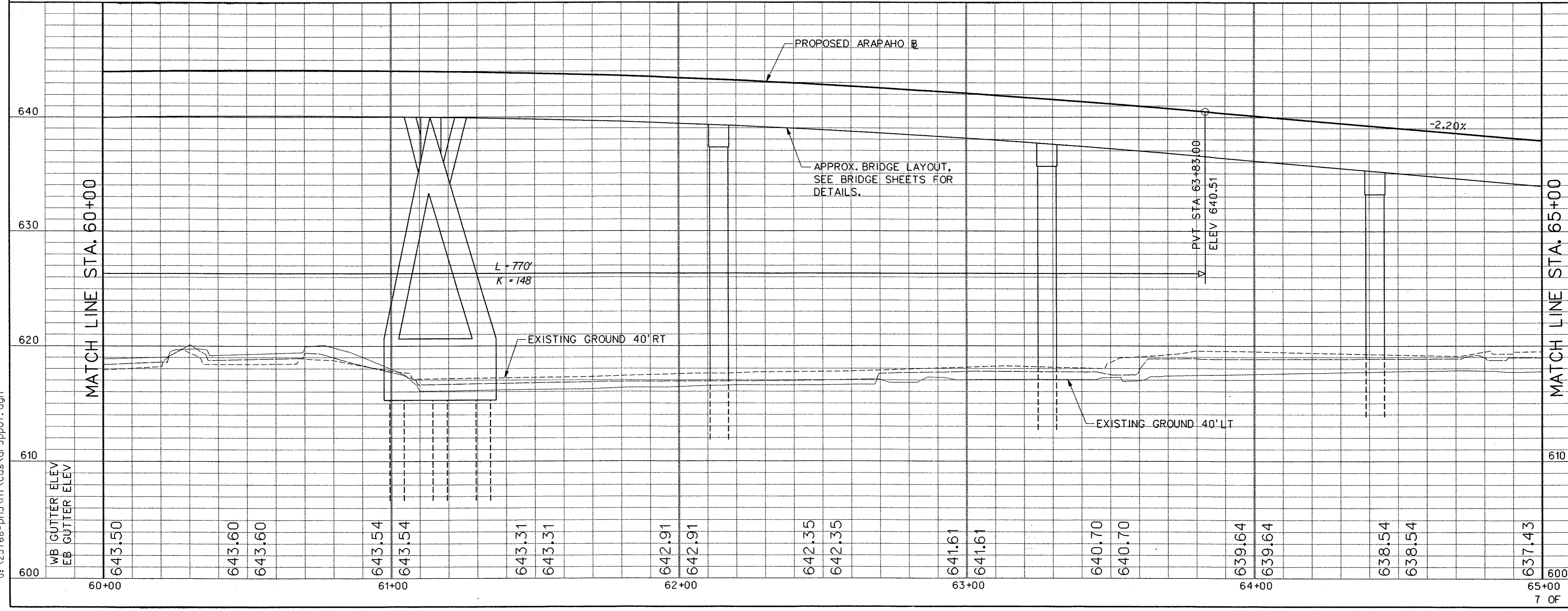
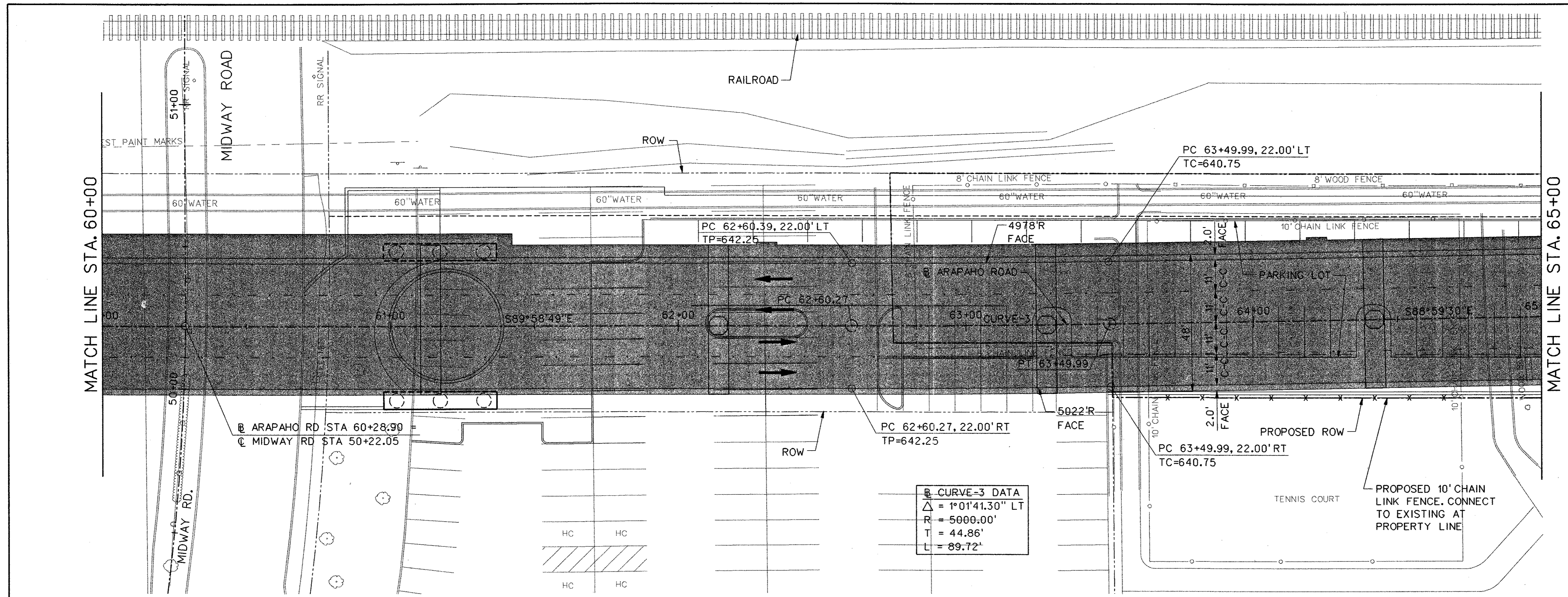
**HNTB** ARCHITECTS ENGINEERS PLANNERS  
The HNTB Companies

**ARAPAHO ROAD - PHASE III**  
SURVEYOR BOULEVARD TO ADDISON ROAD

PAVING PLAN AND PROFILE  
STA 60+00 TO STA 65+00

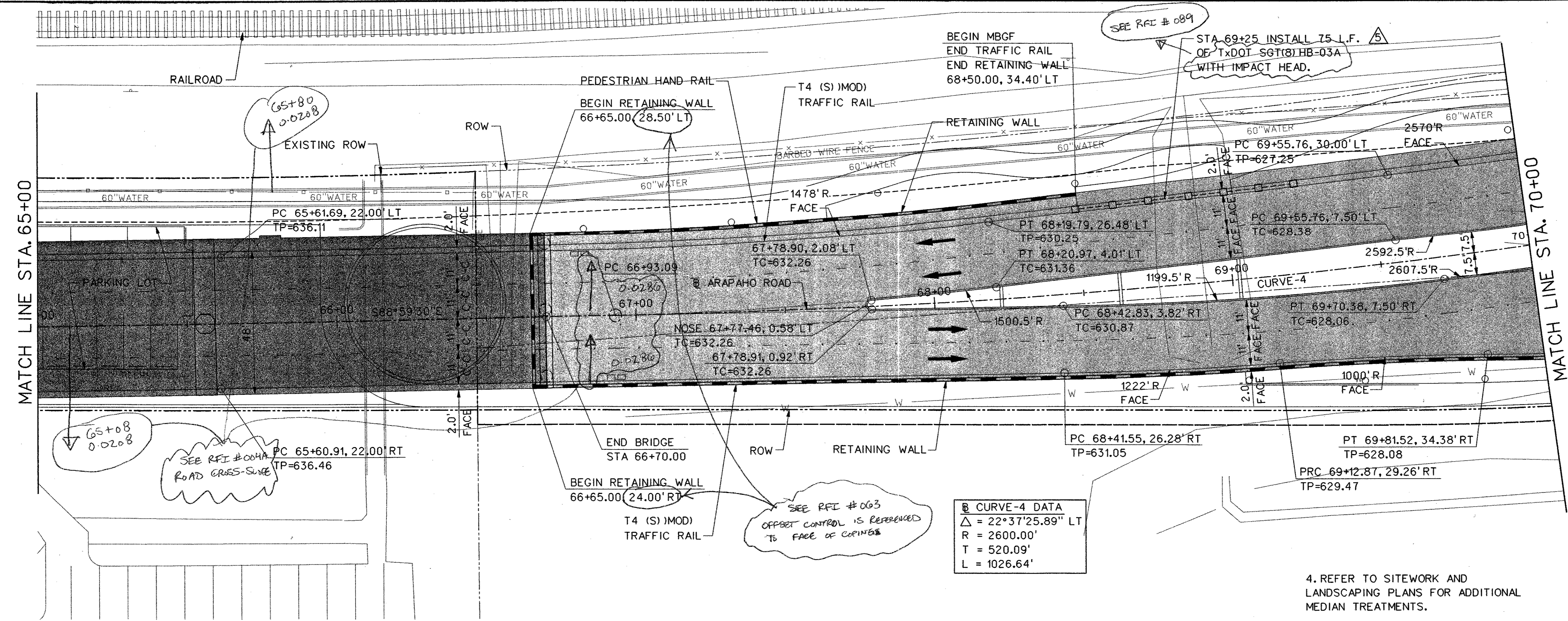
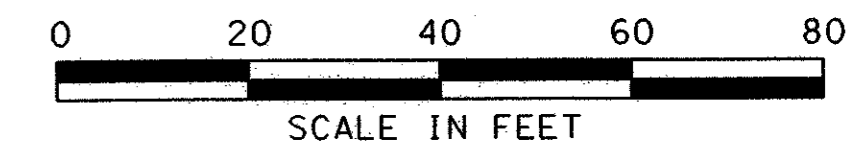
TOWN OF ADDISON, TEXAS

Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check JSN	APRIL 04	H: 1"=20' V: 1"=5'	25768	PP-7



29-JUN-2004 12:21 G:\25768-PH3\H1\Cds\ar3pp07.dgn

29-JUN-2004 12:21  
G:\25768-ph3\in\Cds\var3pp08.dgn



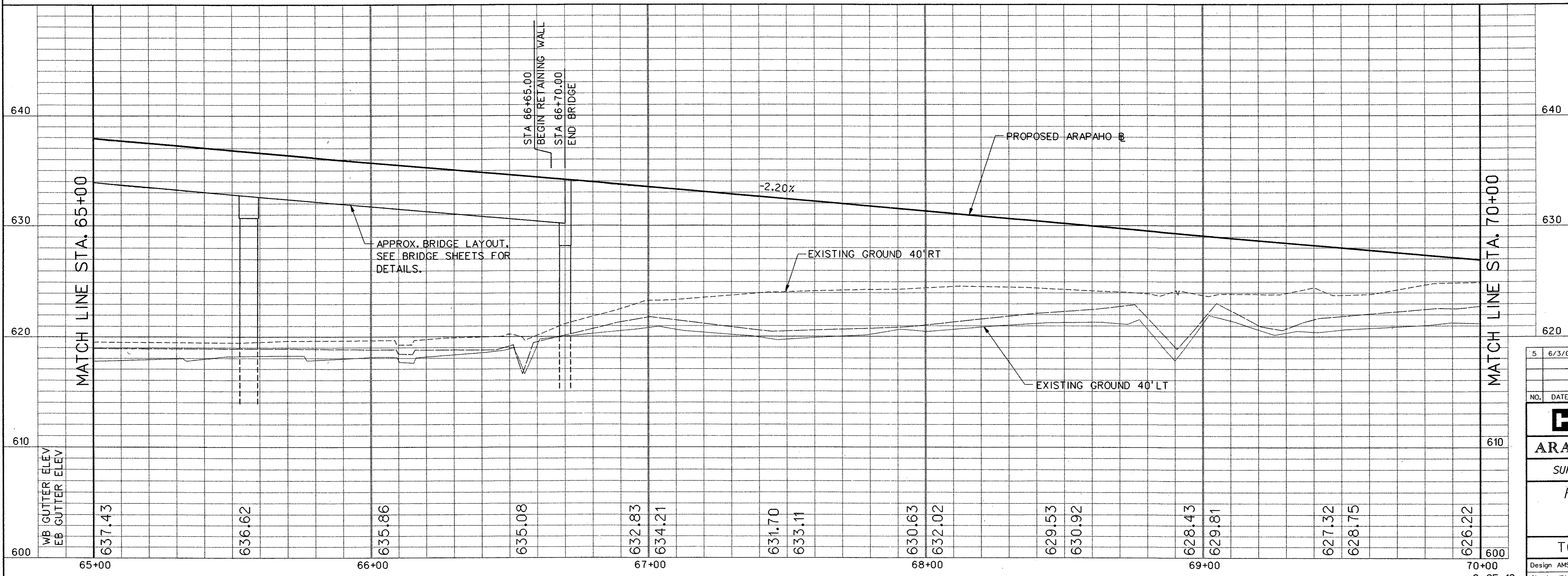
**LEGEND**

- EXISTING CURB
- PROPOSED CURB
- TP=XXX.XX TOP OF PAVEMENT ELEVATION
- TC=XXX.XX TOP OF CURB ELEVATION
- G=XXX.XX GUTTER ELEVATION
- CR CURB RETURN
- FENCE
- FIRE HYDRANT
- ☼ LIGHT POLE
- POWER POLE
- MH SAN. SEWER MANHOLE
- SIGN
- ☼ TL TRAFFIC SIGNAL
- ☼ VEGETATION
- TREE
- W WATER LINE
- TEMPORARY CONSTRUCTION EASEMENT
- ▨ PROPOSED PAVING
- ▩ BRIDGE

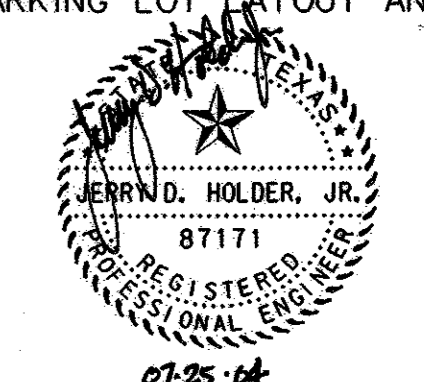
4. REFER TO SITWORK AND LANDSCAPING PLANS FOR ADDITIONAL MEDIAN TREATMENTS.

SEE RFI #063  
OFFSET CONTROL IS REFERENCED TO FACE OF CURB

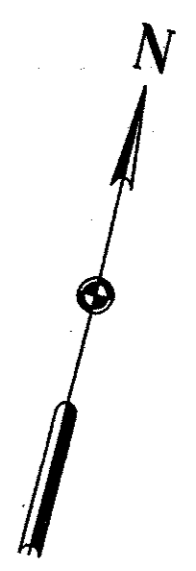
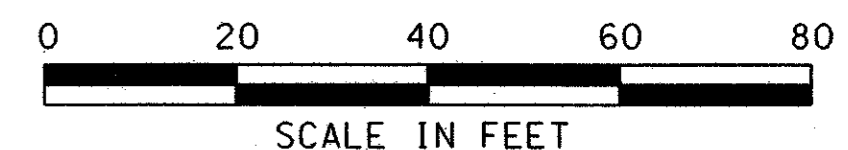
**CURVE-4 DATA**  
 $\Delta = 22^{\circ}37'25.89''$  LT  
 $R = 2600.00'$   
 $T = 520.09'$   
 $L = 1026.64'$



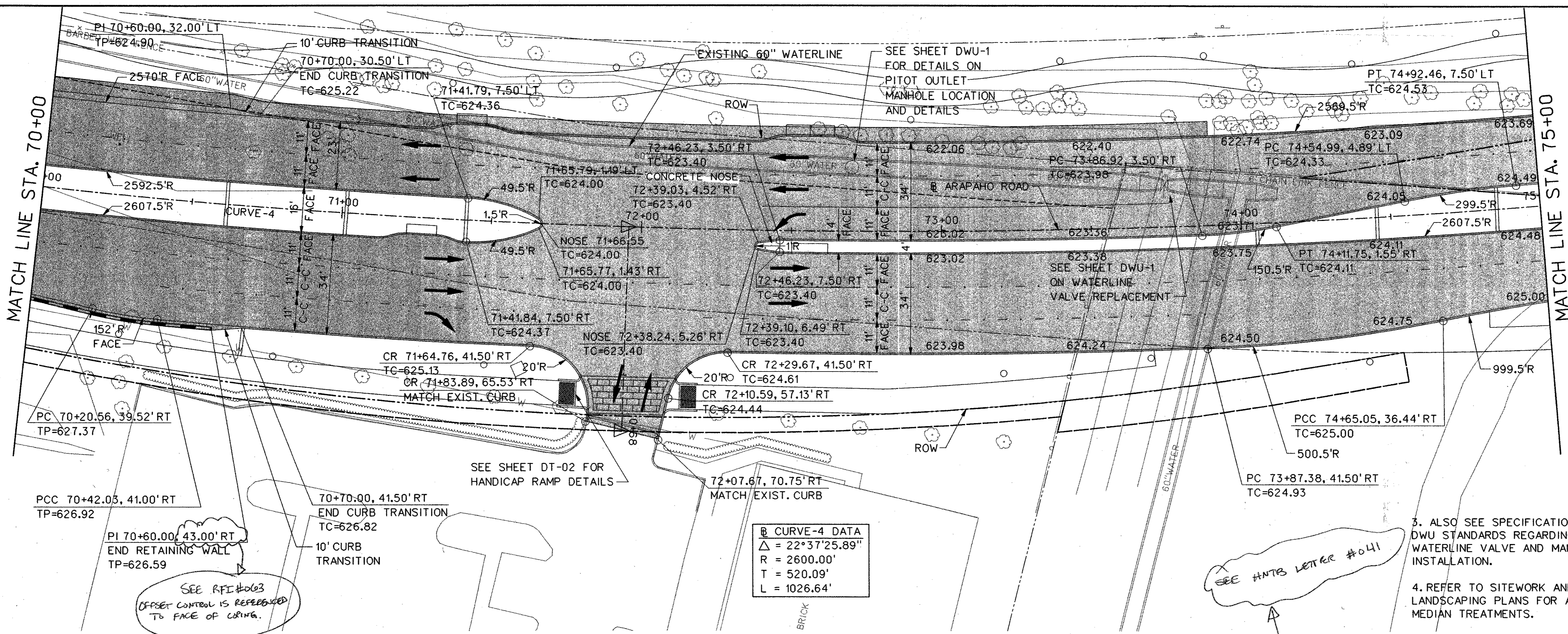
- NOTES:**
1. ALL DIMENSIONS AND CALL OUTS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
  2. REFER TO PLANS FOR RETAINING WALL AND BRIDGE INFORMATION AND DETAILS.
  3. SEE SHEETS PK1-PK4 FOR PARKING LOT LAYOUT AND DETAILS.



NO.	DATE	REVISION	APPROV.
5	6/3/04	EXTENDED SGT	JSN
<p><b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies</p> <p><b>ARAPAHO ROAD - PHASE III</b></p> <p>SURVEYOR BOULEVARD TO ADDISON ROAD</p> <p>PAVING PLAN AND PROFILE</p> <p>STA 65+00 TO STA 70+00</p> <p>TOWN OF ADDISON, TEXAS</p>			48
Design	AMS	Drawn	GFS
Check	JDH	Check	AMS
DATE	APRIL 04	SCALE	H: 1"=20' V: 1"=5'
PROJECT NO.	25768	SHEET NO.	PP-8



LEGEND	
	EXISTING CURB
	PROPOSED CURB
TP=XXX.XX	TOP OF PAVEMENT ELEVATION
TC=XXX.XX	TOP OF CURB ELEVATION
G=XXX.XX	GUTTER ELEVATION
CR	CURB RETURN
	FENCE
	FIRE HYDRANT
	LIGHT POLE
	POWER POLE
	SAN. SEWER MANHOLE
	SIGN
	TRAFFIC SIGNAL
	VEGETATION
	TREE
	WATER LINE
	TEMPORARY CONSTRUCTION EASEMENT
	PROPOSED PAVING
	BRIDGE

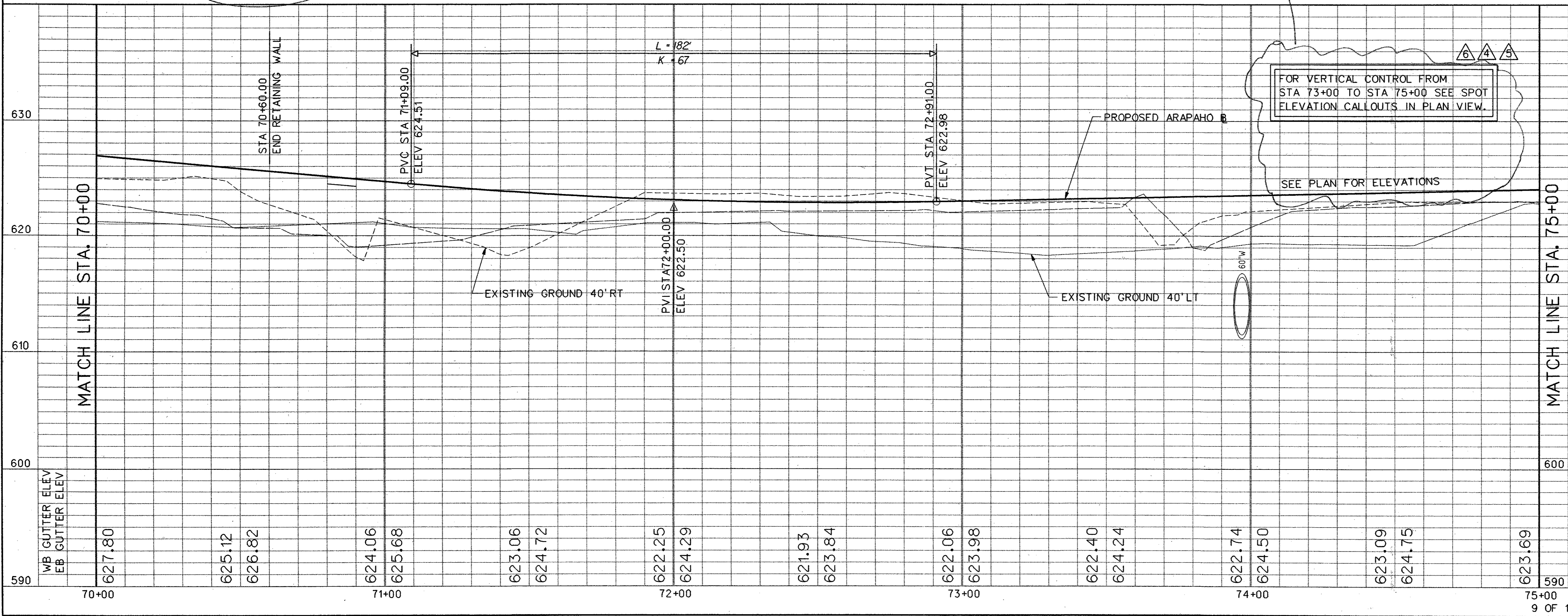


**Curve-4 DATA**  
 $\Delta = 22^{\circ}37'25.89''$   
 $R = 2600.00'$   
 $T = 520.09'$   
 $L = 1026.64'$

3. ALSO SEE SPECIFICATIONS FOR DWU STANDARDS REGARDING WATERLINE VALVE AND MANHOLE INSTALLATION.  
 4. REFER TO SITEWORK AND LANDSCAPING PLANS FOR ADDITIONAL MEDIAN TREATMENTS.

SEE HNTB LETTER #041

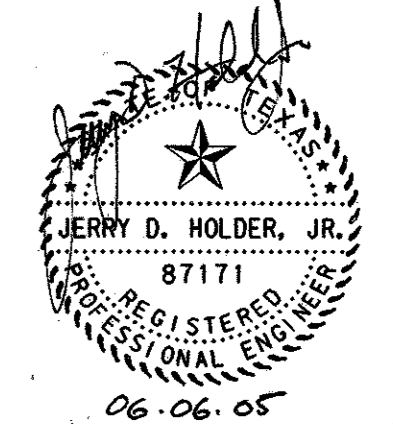
SEE RFI #063  
 OFFSET CONTROL IS REFERENCED TO FACE OF CURBING.



FOR VERTICAL CONTROL FROM STA 73+00 TO STA 75+00 SEE SPOT ELEVATION CALLOUTS IN PLAN VIEW.

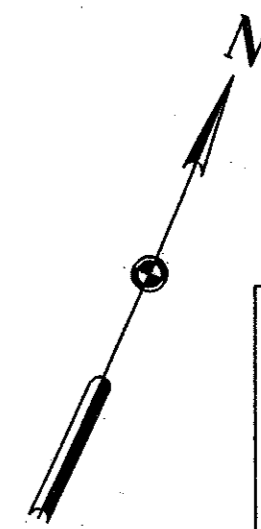
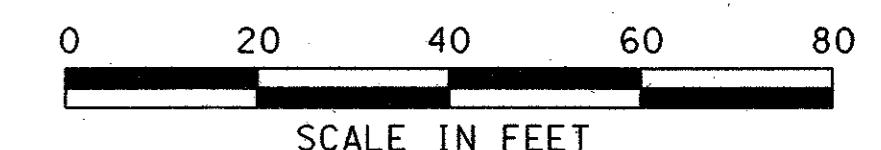
SEE PLAN FOR ELEVATIONS

- NOTES:
1. ALL DIMENSIONS AND CALL OUTS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
  2. REFER TO PLANS FOR RETAINING WALL AND BRIDGE INFORMATION AND DETAILS.

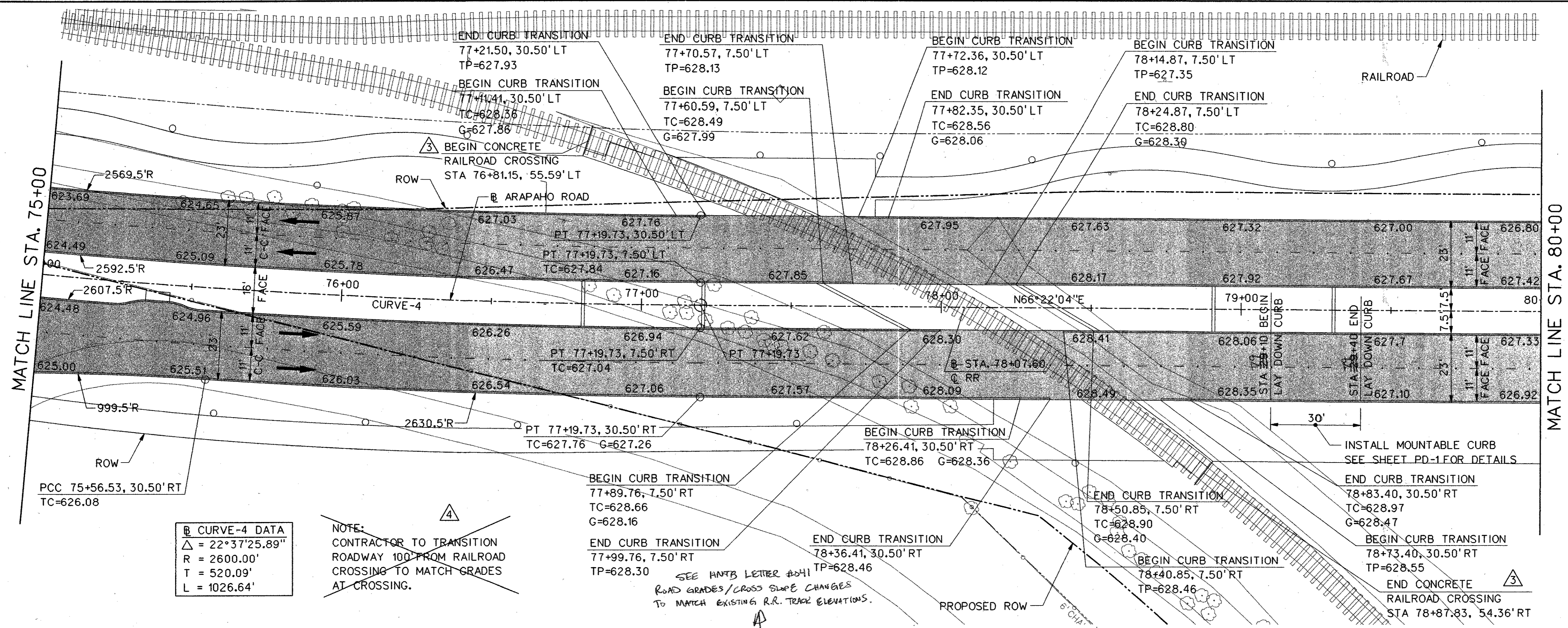


6	6-6-05	REVISED GUTTER SPOT ELEVATIONS	JDH
NO.	DATE	REVISION	APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies			49
<b>ARAPAHO ROAD - PHASE III</b>			
SURVEYOR BOULEVARD TO ADDISON ROAD			
PAVING PLAN AND PROFILE STA 70+00 TO STA 75+00			
TOWN OF ADDISON, TEXAS			
Design JSH	Drawn GFS	DATE	SCALE
Check JDH	Check JSN	APRIL 04	H: 1"=20' V: 1"=5'
PROJECT NO. 25768		SHEET NO. PP-9	

07-JUN-2005 10:18 C:\cads\ar3pp09.dgn



LEGEND	
	EXISTING CURB
	PROPOSED CURB
TP=XXX.XX	TOP OF PAVEMENT ELEVATION
TC=XXX.XX	TOP OF CURB ELEVATION
G=XXX.XX	GUTTER ELEVATION
CR	CURB RETURN
	FENCE
	FIRE HYDRANT
	LIGHT POLE
	POWER POLE
	SAN. SEWER MANHOLE
	SIGN
	TRAFFIC SIGNAL
	VEGETATION
	TREE
	WATER LINE
	TEMPORARY CONSTRUCTION EASEMENT
	PROPOSED PAVING
	BRIDGE



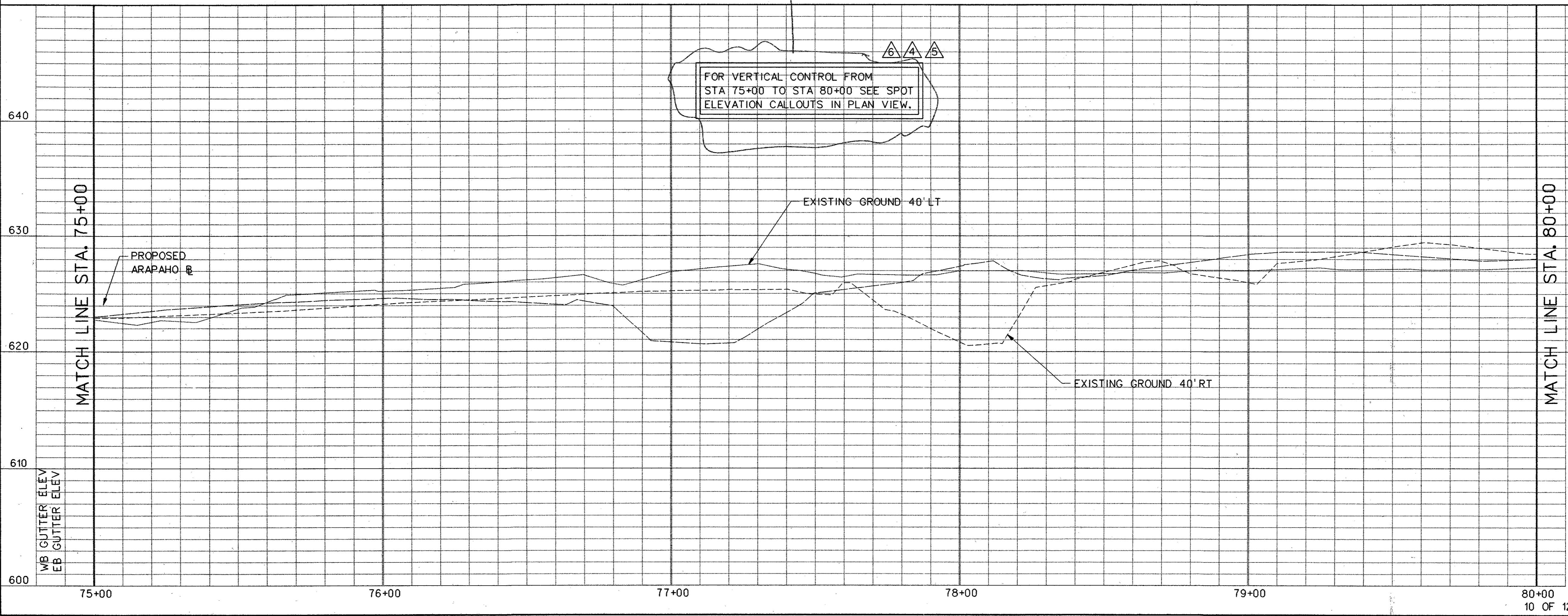
**Curve-4 Data**

$\Delta = 22^\circ 37' 25.89''$
$R = 2600.00'$
$T = 520.09'$
$L = 1026.64'$

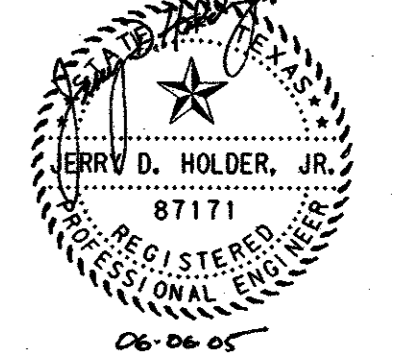
**NOTE:**  
CONTRACTOR TO TRANSITION ROADWAY 100' FROM RAILROAD CROSSING TO MATCH GRADES AT CROSSING.

SEE HNTB LETTER ADH1  
ROAD GRADES/CROSS SLOPE CHANGES TO MATCH EXISTING R.R. TRACK ELEVATIONS.

FOR VERTICAL CONTROL FROM STA 75+00 TO STA 80+00 SEE SPOT ELEVATION CALLOUTS IN PLAN VIEW.



- NOTES:**
- ALL DIMENSIONS AND CALL OUTS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
  - SEE SHEET 0304D FOR RAILROAD CROSSING PANEL DETAILS.
  - REFER TO SITEWORK AND LANDSCAPING PLANS FOR ADDITIONAL MEDIAN TREATMENTS.



NO.	DATE	REVISION	APPROV.
6	6-6-05	REVISED GUTTER SPOT ELEVATIONS	JDH
5	2-24-05	REVISED GUTTER SPOT ELEVATIONS	WSF
4	1-17-05	REVISED GUTTER SPOT ELEVATIONS	JDH
3	5-24-04	ADDED NOTES	JSN

**HNTB** ARCHITECTS ENGINEERS PLANNERS  
The HNTB Companies

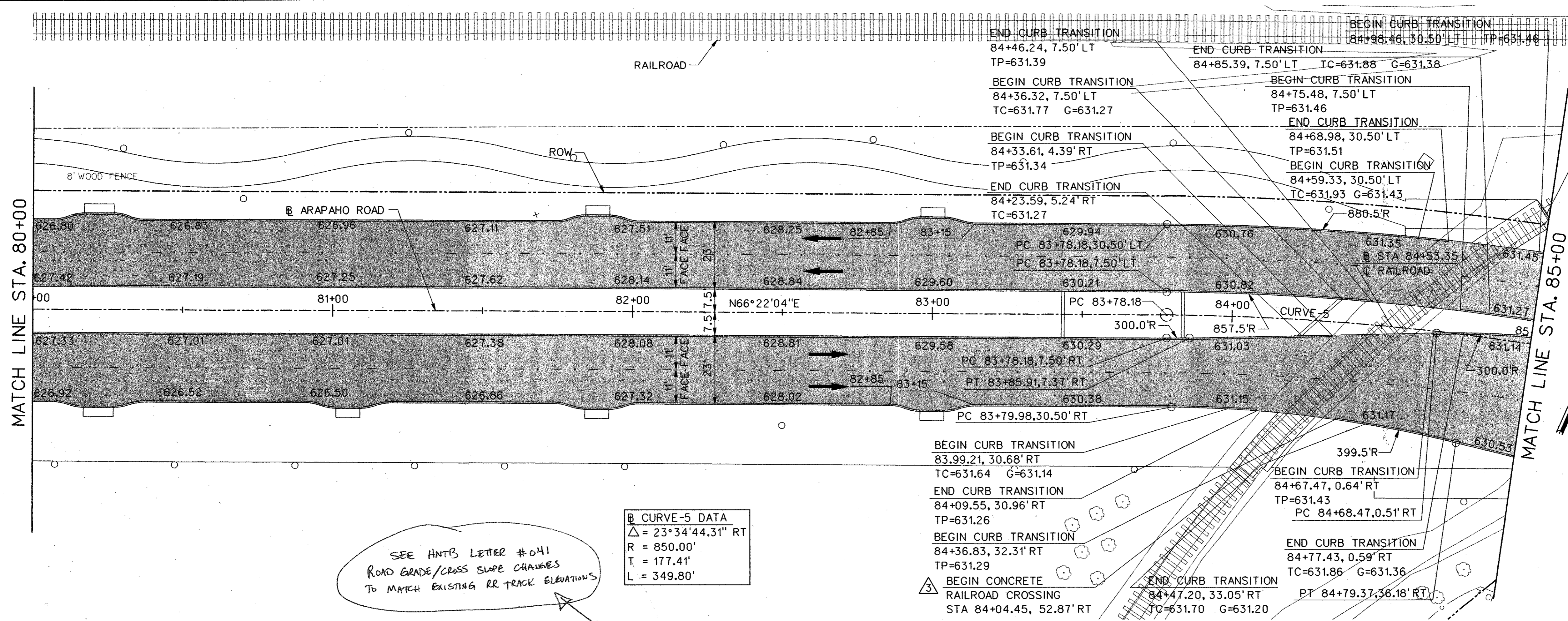
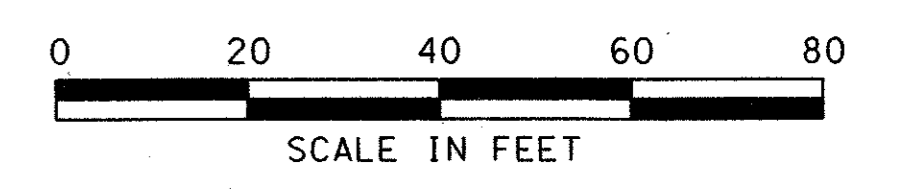
**ARAPAH0 ROAD - PHASE III**  
SURVEYOR BOULEVARD TO ADDISON ROAD

PAVING PLAN AND PROFILE  
STA 75+00 TO STA 80+00

TOWN OF ADDISON, TEXAS

Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check JSN	APRIL 04	H: 1"=20' V: 1"=5'	25768	PP-10

07-JUN-2005 10:21  
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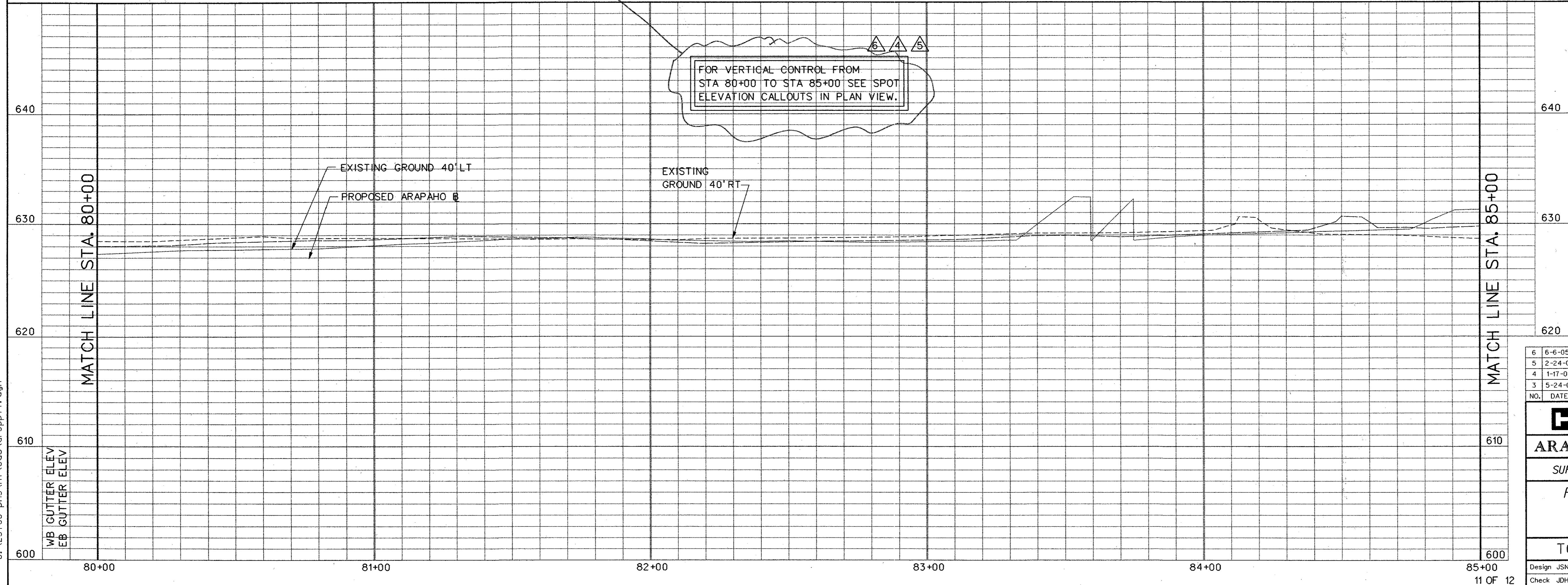
**LEGEND**

- EXISTING CURB
- PROPOSED CURB
- TP=XXX.XX TOP OF PAVEMENT ELEVATION
- TC=XXX.XX TOP OF CURB ELEVATION
- G=XXX.XX GUTTER ELEVATION
- CR CURB RETURN
- × FENCE
- FIRE HYDRANT
- ☀ LIGHT POLE
- POWER POLE
- MH SAN. SEWER MANHOLE
- TT SIGN
- \* TL TRAFFIC SIGNAL
- ☁ VEGETATION
- TREE
- W WATER LINE
- TEMPORARY CONSTRUCTION EASEMENT
- ▨ PROPOSED PAVING
- ▩ BRIDGE

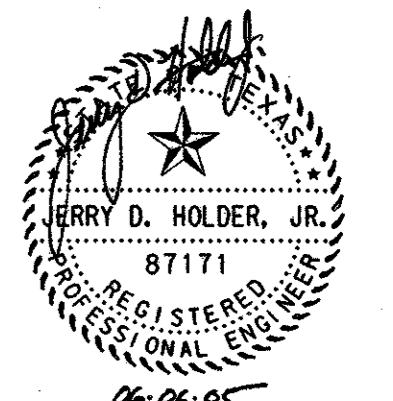
**△ CURVE-5 DATA**  
 $\Delta = 23^\circ 34' 44.31''$  RT  
 R = 850.00'  
 T = 177.41'  
 L = 349.80'

SEE HNTB LETTER #041  
 ROAD GRADE/CROSS SLOPE CHANGES  
 TO MATCH EXISTING RR TRACK ELEVATIONS

FOR VERTICAL CONTROL FROM  
 STA 80+00 TO STA 85+00 SEE SPOT  
 ELEVATION CALLOUTS IN PLAN VIEW.



- NOTES:**
- ALL DIMENSIONS AND CALL OUTS ARE TO BACKS OF CURB UNLESS OTHERWISE NOTED.
  - REFER TO SITEWORK AND LANDSCAPING PLANS FOR ADDITIONAL MEDIAN TREATMENTS.



6	6-6-05	REVISED GUTTER SPOT ELEVATIONS	JDH	51
5	2-24-05	REVISED GUTTER SPOT ELEVATIONS	WSF	
4	1-17-05	REVISED GUTTER SPOT ELEVATIONS	JDH	
3	5-24-04	ADDED NOTES	JSN	
NO.	DATE	REVISION	APPROV.	

**HNTB** ARCHITECTS ENGINEERS PLANNERS  
 The HNTB Companies

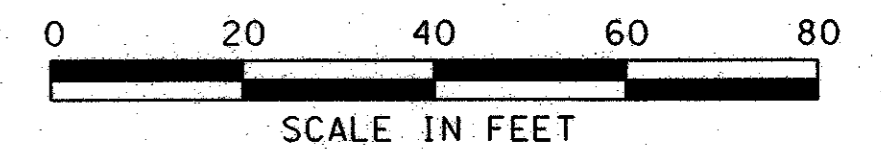
**ARAPAHO ROAD - PHASE III**  
 SURVEYOR BOULEVARD TO ADDISON ROAD

PAVING PLAN AND PROFILE  
 STA 80+00 TO STA 85+00

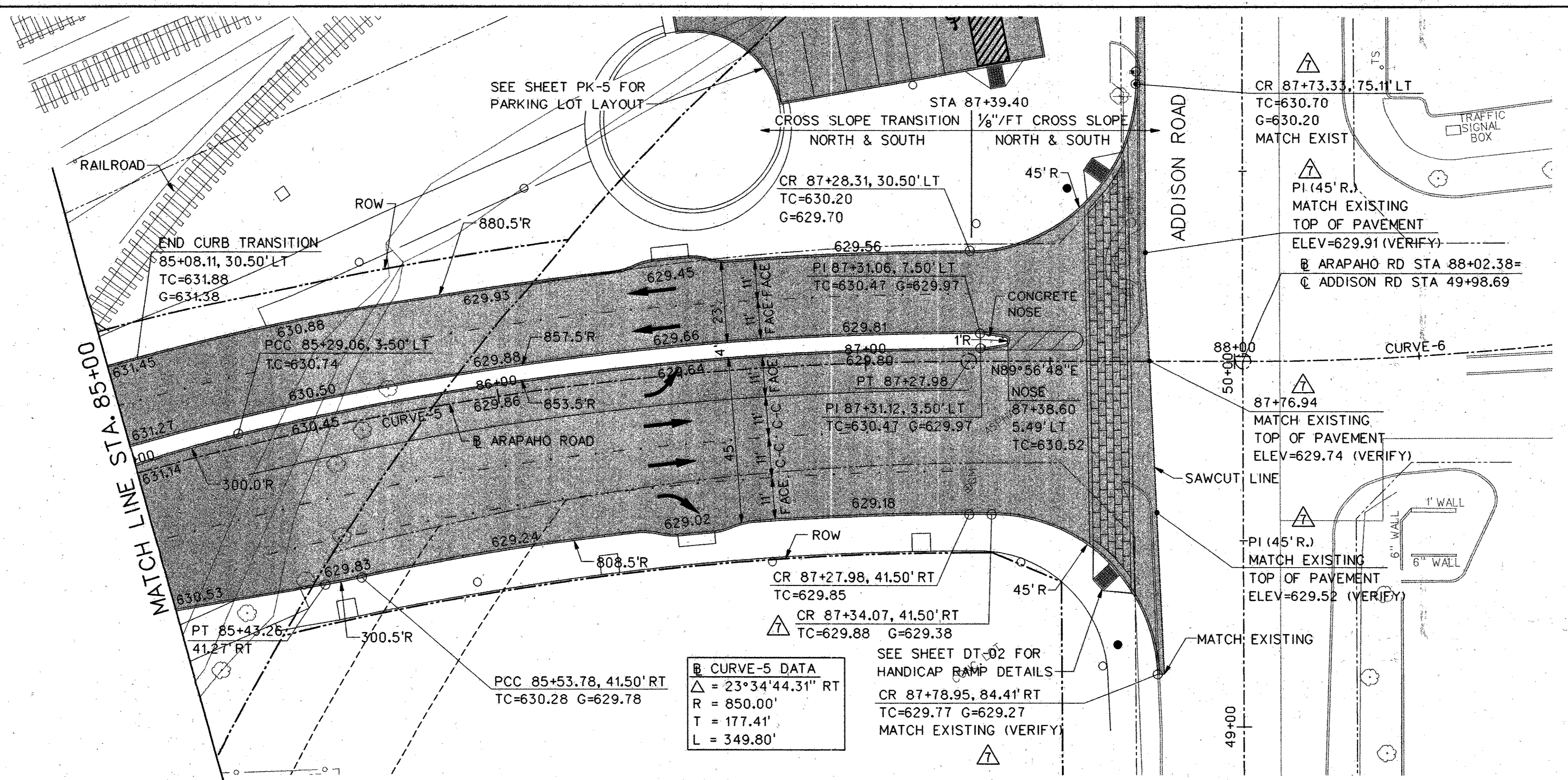
TOWN OF ADDISON, TEXAS

Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check JSN	APRIL 04	H: 1"=20' V: 1"=5'	25768	PP-11

07-JUN-2005 10:22  
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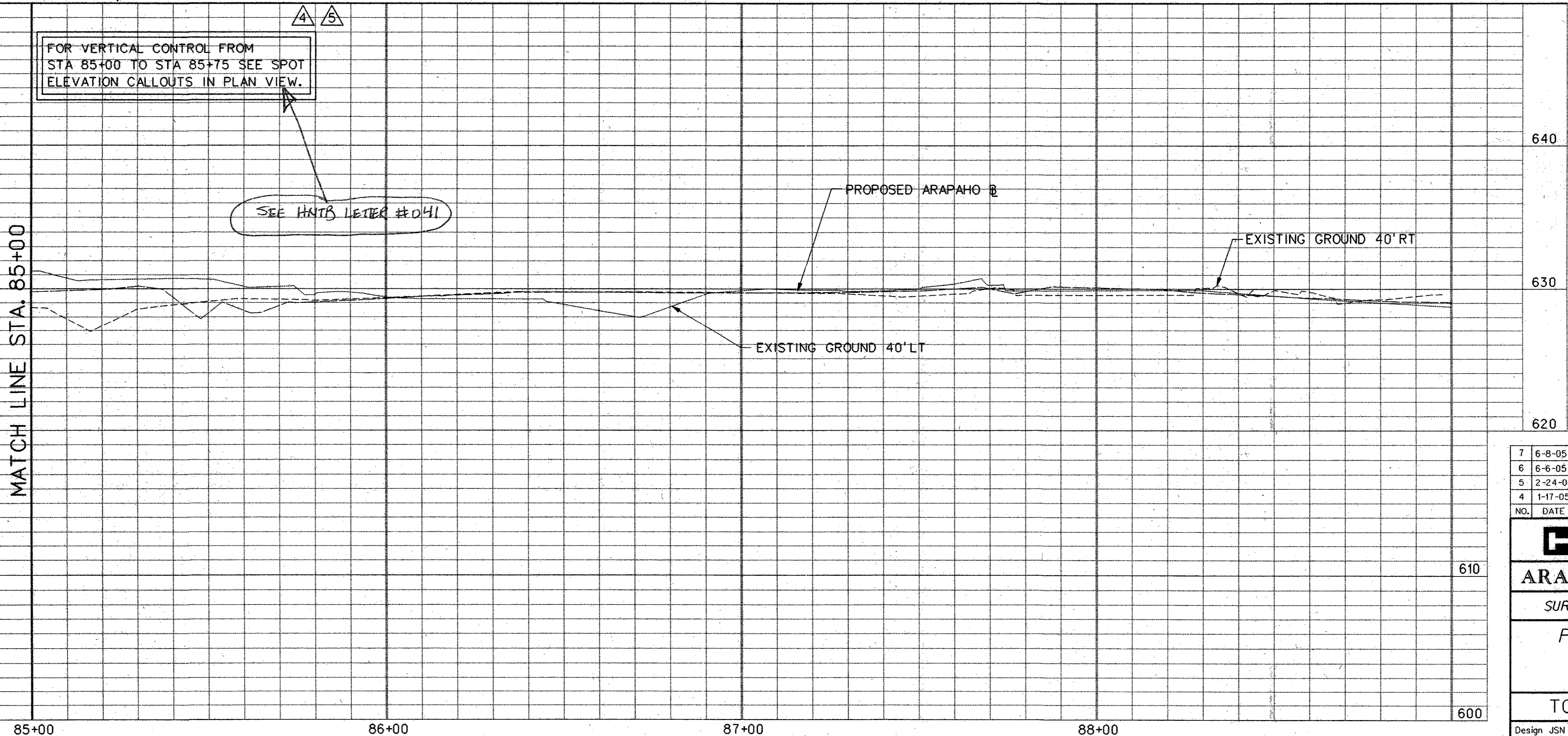


LEGEND	
	EXISTING CURB
	PROPOSED CURB
TP=XXX.XX	TOP OF PAVEMENT ELEVATION
TC=XXX.XX	TOP OF CURB ELEVATION
G=XXX.XX	GUTTER ELEVATION
CR	CURB RETURN
	FENCE
	FIRE HYDRANT
	LIGHT POLE
	POWER POLE
	SAN. SEWER MANHOLE
	SIGN
	TRAFFIC SIGNAL
	VEGETATION
	TREE
	WATER LINE
	TEMPORARY CONSTRUCTION EASEMENT
	PROPOSED PAVING
	BRIDGE

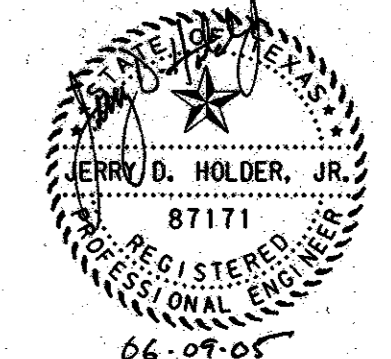


**CURVE-5 DATA**  
 $\Delta = 23^{\circ}34'44.31''$  RT  
 R = 850.00'  
 T = 177.41'  
 L = 349.80'

SEE SHEET DT-02 FOR HANDICAP RAMP DETAILS  
 CR 87+78.95, 84.41' RT  
 TC=629.77 G=629.27  
 MATCH EXISTING (VERIFY)



- NOTES:**
1. ALL DIMENSIONS AND CALL OUTS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
  2. SEE SHEET IG-1 FOR INTERSECTION GRADING PLAN.
  3. REFER TO SITEWORK AND LANDSCAPING PLANS FOR ADDITIONAL MEDIAN TREATMENTS.



NO.	DATE	REVISION	APPROV.
7	6-8-05	REVISED GRADES ALONG ADDISON RD	JDH
6	6-6-05	REVISED GUTTER SPOT ELEVATIONS	JDH
5	2-24-05	REVISED GUTTER SPOT ELEVATIONS	WSF
4	1-17-05	REVISED GUTTER SPOT ELEVATIONS	JDH

**HNTB** ARCHITECTS ENGINEERS PLANNERS  
 The HNTB Companies

**ARAPAHO ROAD - PHASE III**  
 SURVEYOR BOULEVARD TO ADDISON ROAD

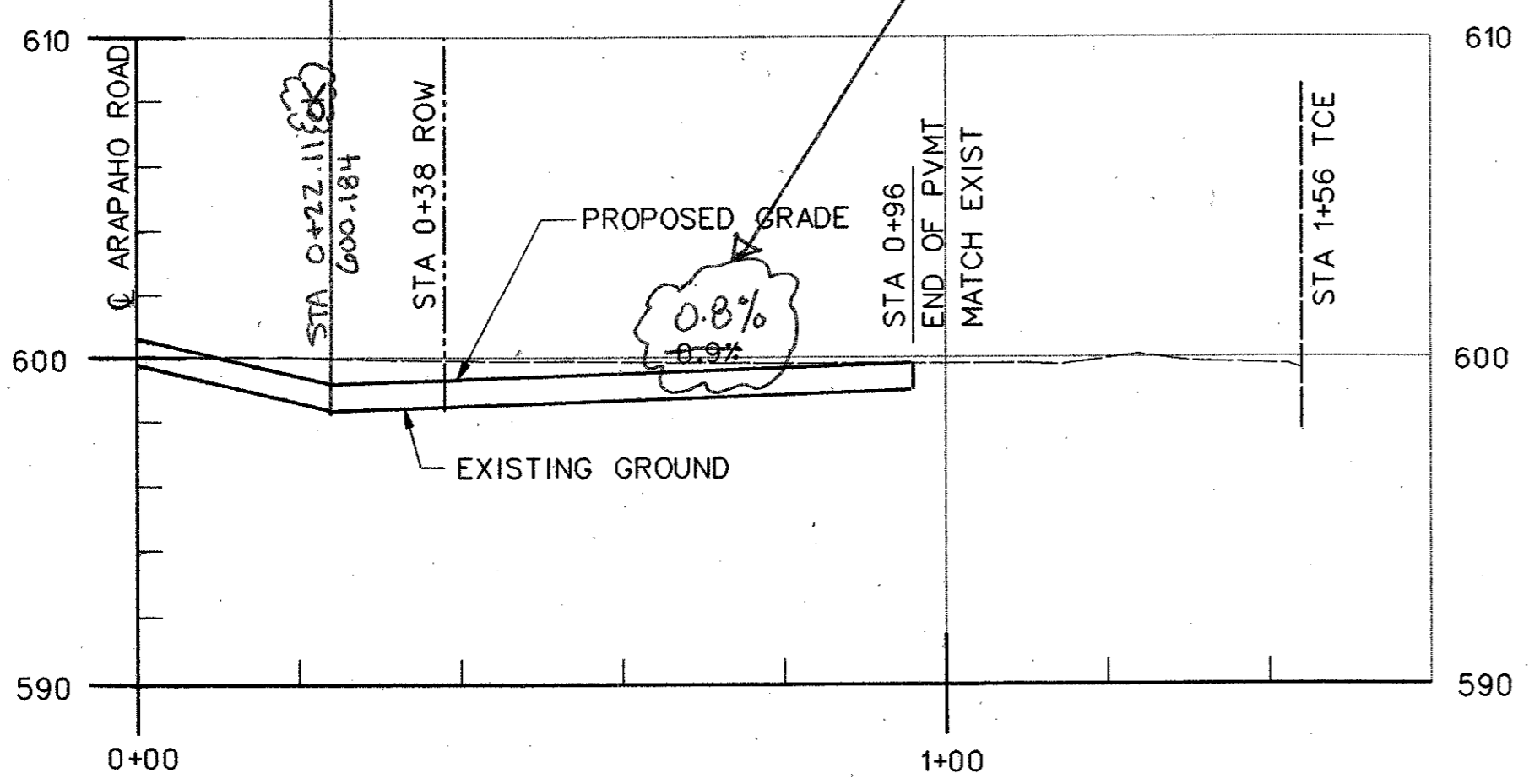
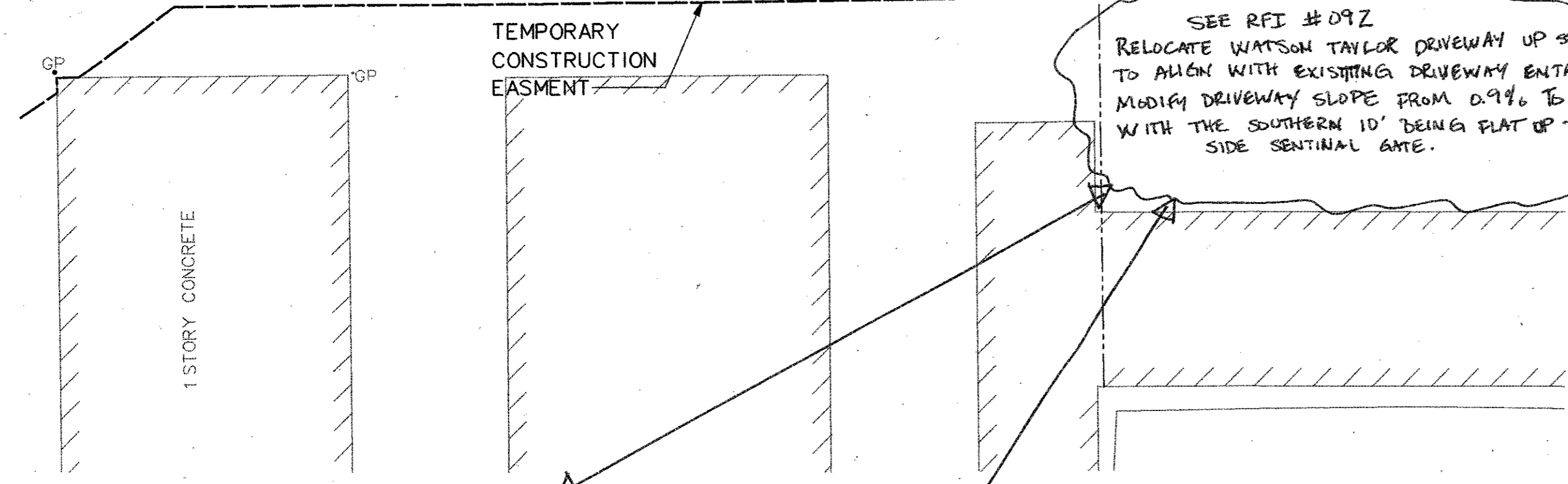
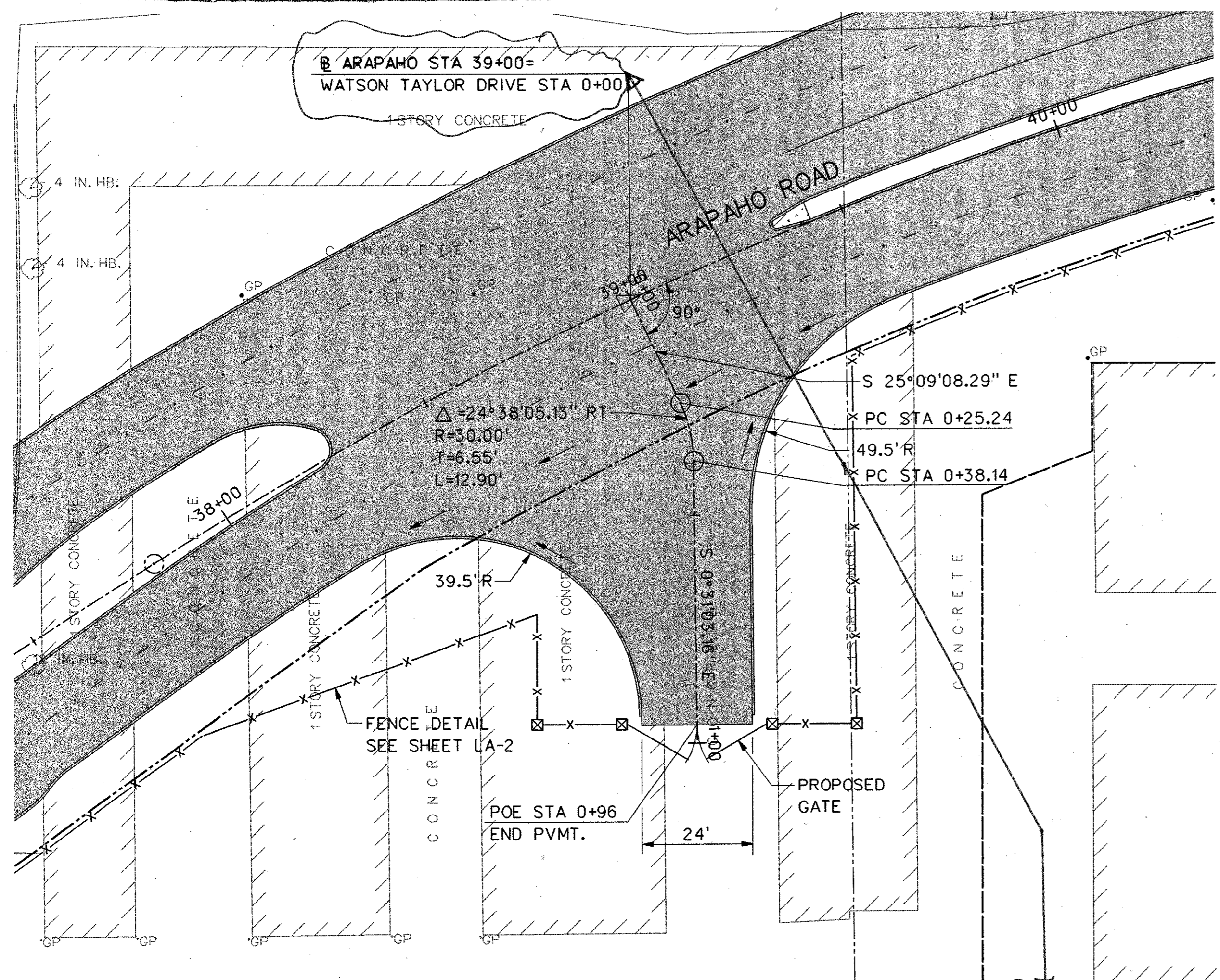
PAVING PLAN AND PROFILE  
 STA 85+00 TO STA 87+88

TOWN OF ADDISON, TEXAS

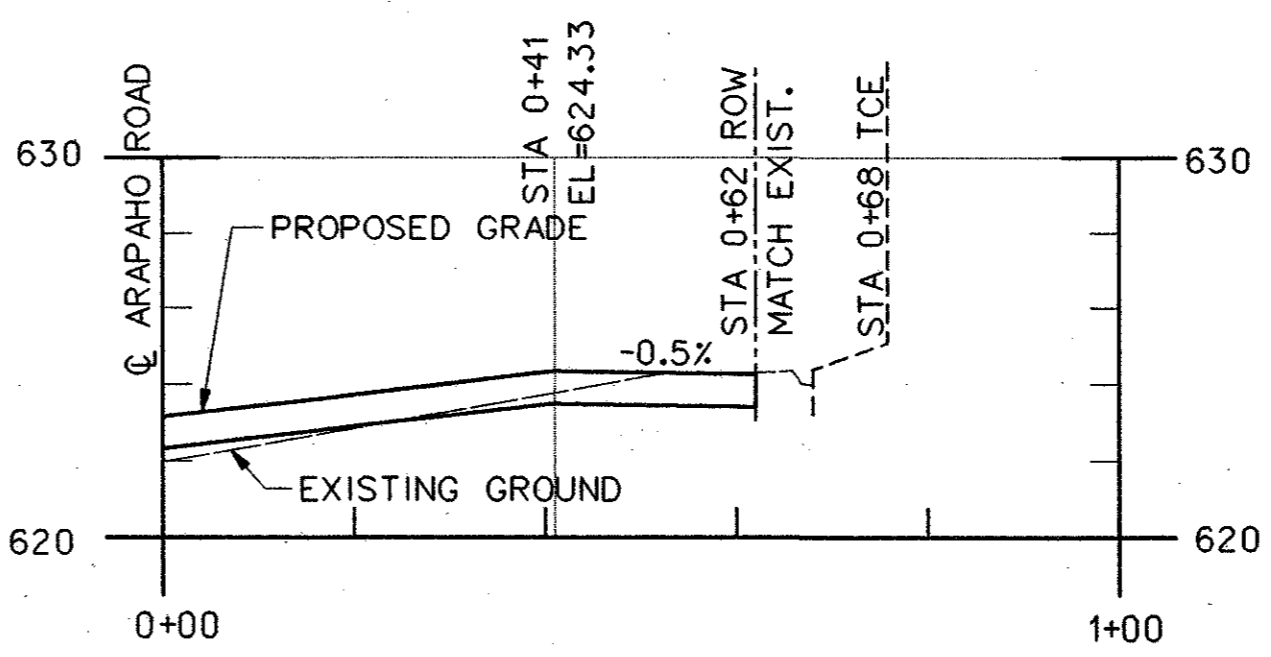
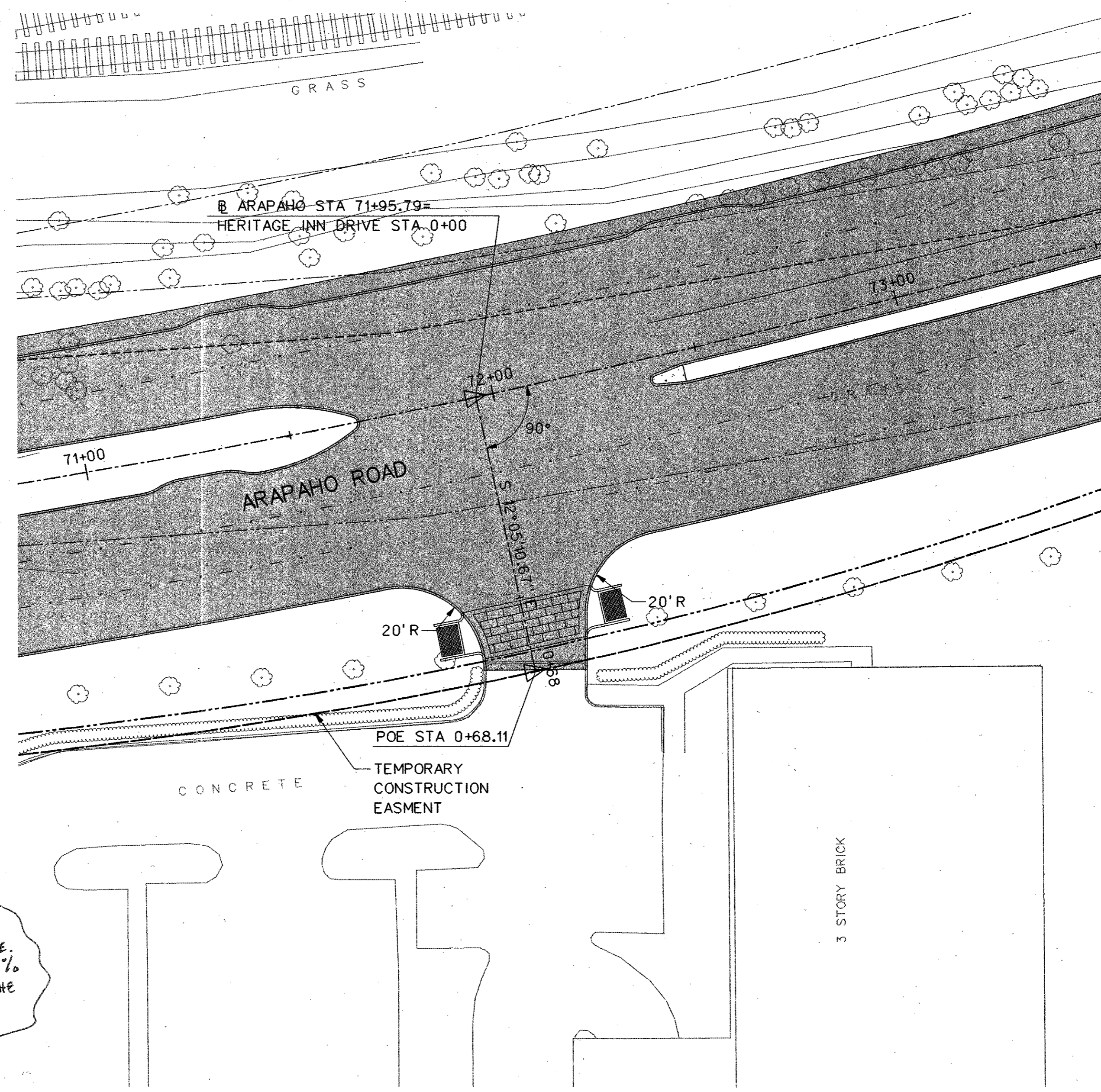
Design	Drawn	DATE	SCALE	PROJECT NO.	SHEET NO.
JSN	GFS	APRIL 04	1/4" = 1'-0"	25768	PP-12

09-JUN-2005 08:59 G:\25768-ph3\h1\Cadd\or-3pp12.dgn

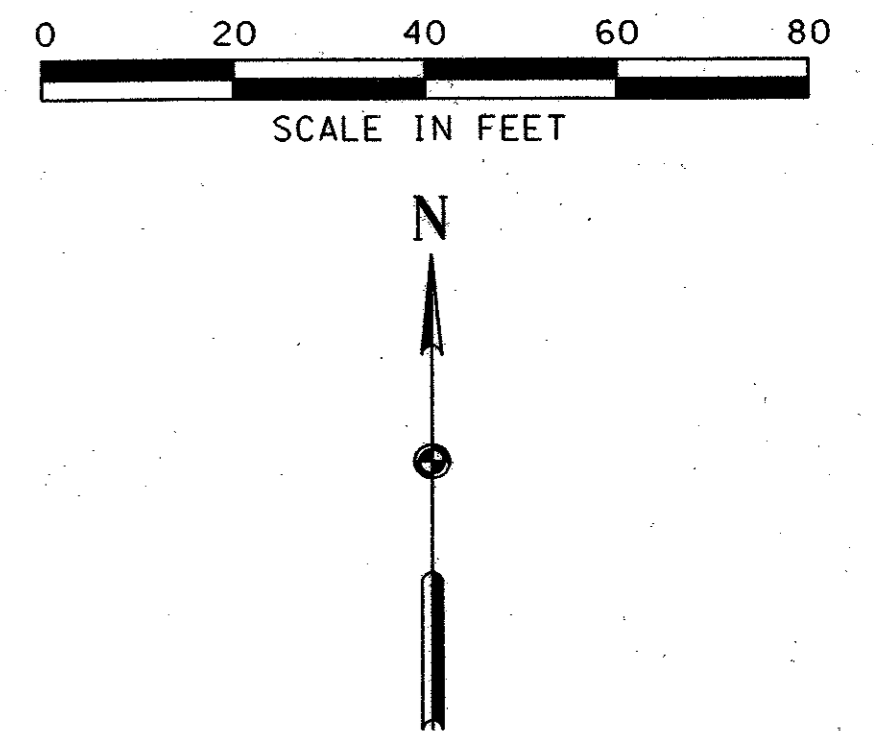
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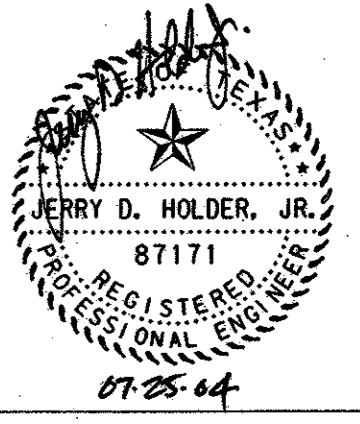
WATSON TAYLOR PARCEL  
DRIVEWAY AT STA 39+00



HERITAGE INN DRIVEWAY AT STA 71+96



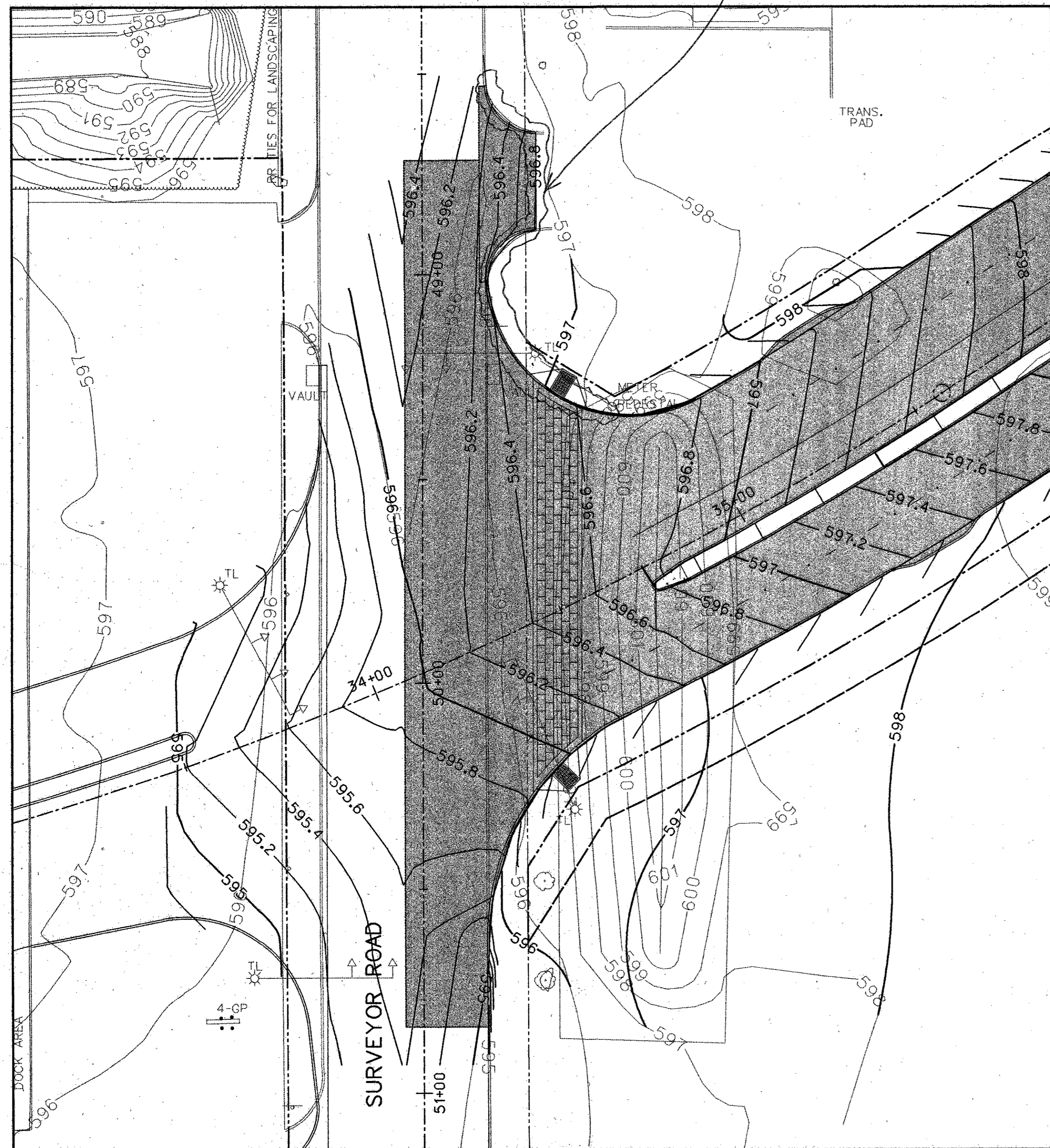
- NOTES:
1. 10' ROUNDING AT DRIVEWAY GRADE BREAKS.
  2. REINFORCED PCC PAVEMENT TRANSITIONS FROM 8" AT EDGE OF ROADWAY TO 6" AT ROW.



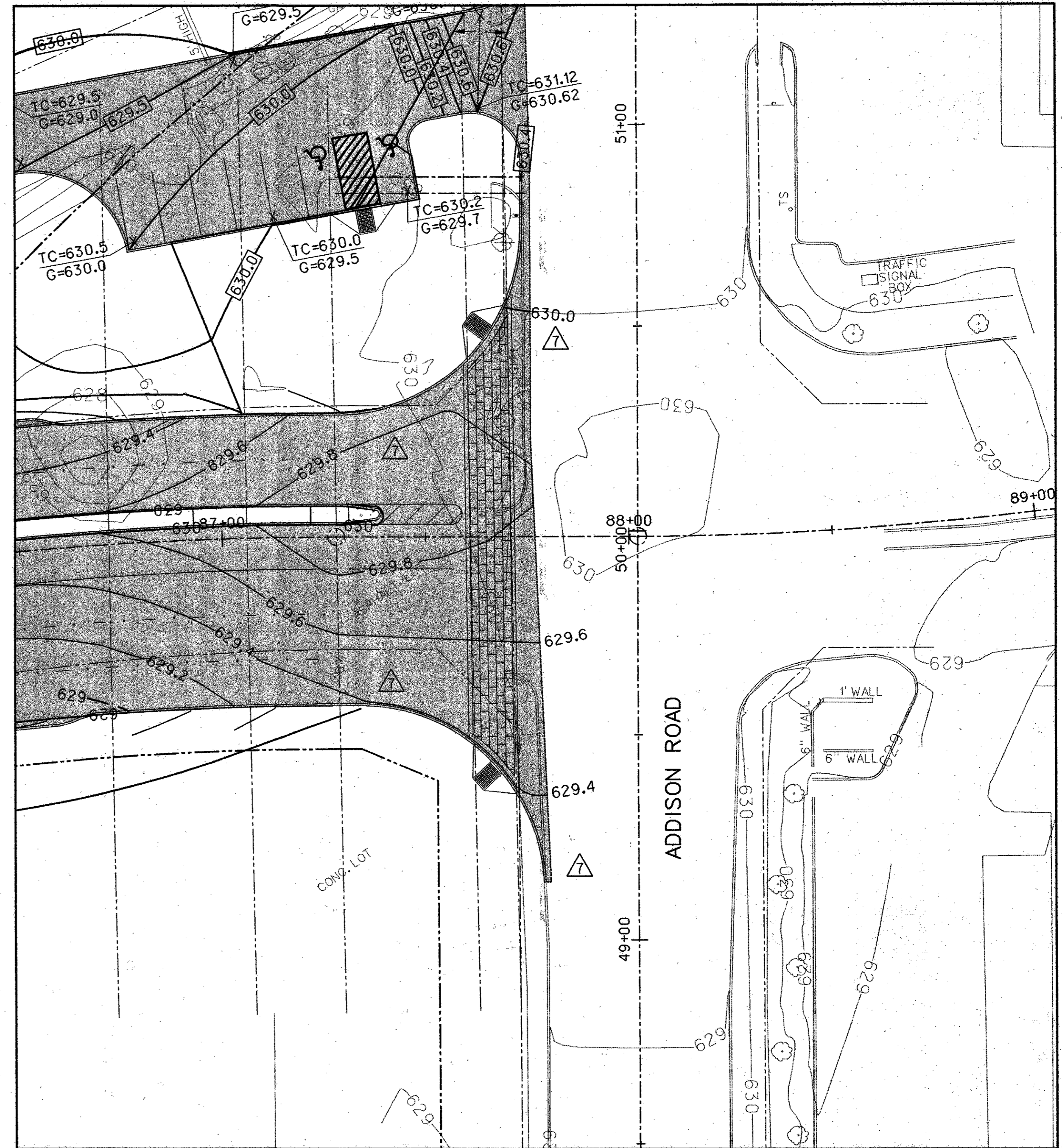
NO.	DATE	REVISION	APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies			
<b>ARAPAHO ROAD - PHASE III</b>			
SURVEYOR BOULEVARD TO ADDISON ROAD			
DRIVEWAY PROFILES			
SHEET 1 OF 1			
TOWN OF ADDISON, TEXAS			
Design JSN	Drawn GFS	DATE	SCALE
Check JDH	Check JSN	APRIL 04	1" = 5'
PROJECT NO.	SHEET NO.		
25768	DP-1		



See RFI # 107  
Revised Arapaho Road Grades @  
Intersection with Surveyor Blvd.



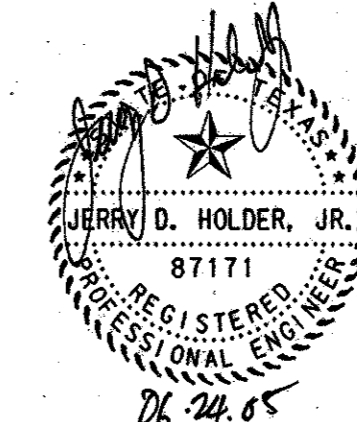
SURVEYOR BLVD GRADING PLAN



ADDISON ROAD GRADING PLAN

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NO.	DATE	REVISION	APPROV.
8	6-9-05	REVISED CONTOURS ALONG SURVEYOR BLVD.	JDH
7	6-8-05	REVISED CONTOURS ALONG ADDISON ROAD	JDH



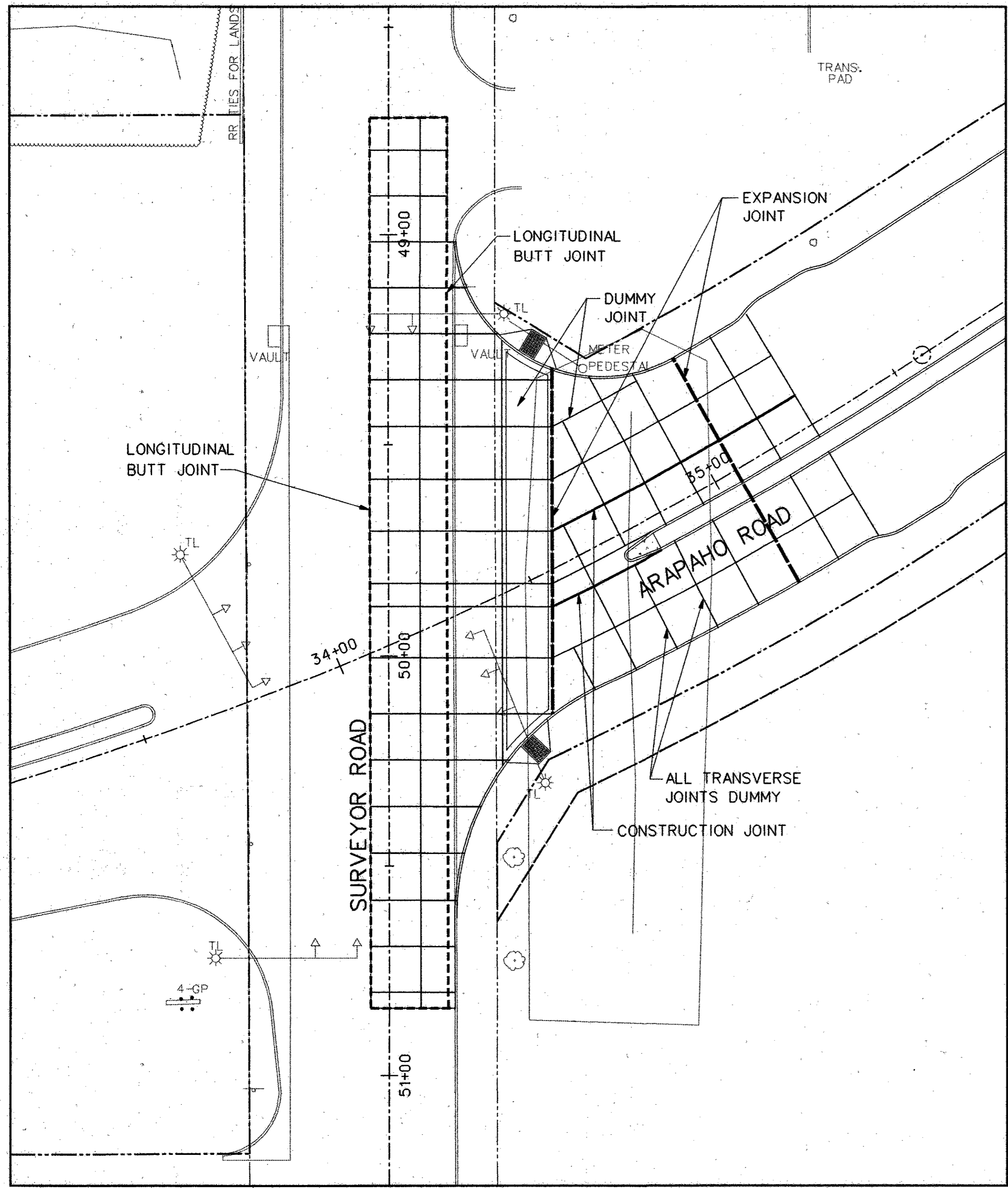
**HNTB** ARCHITECTS ENGINEERS PLANNERS  
The HNTB Companies

**ARAPAHO ROAD - PHASE III**  
SURVEYOR BOULEVARD TO ADDISON ROAD

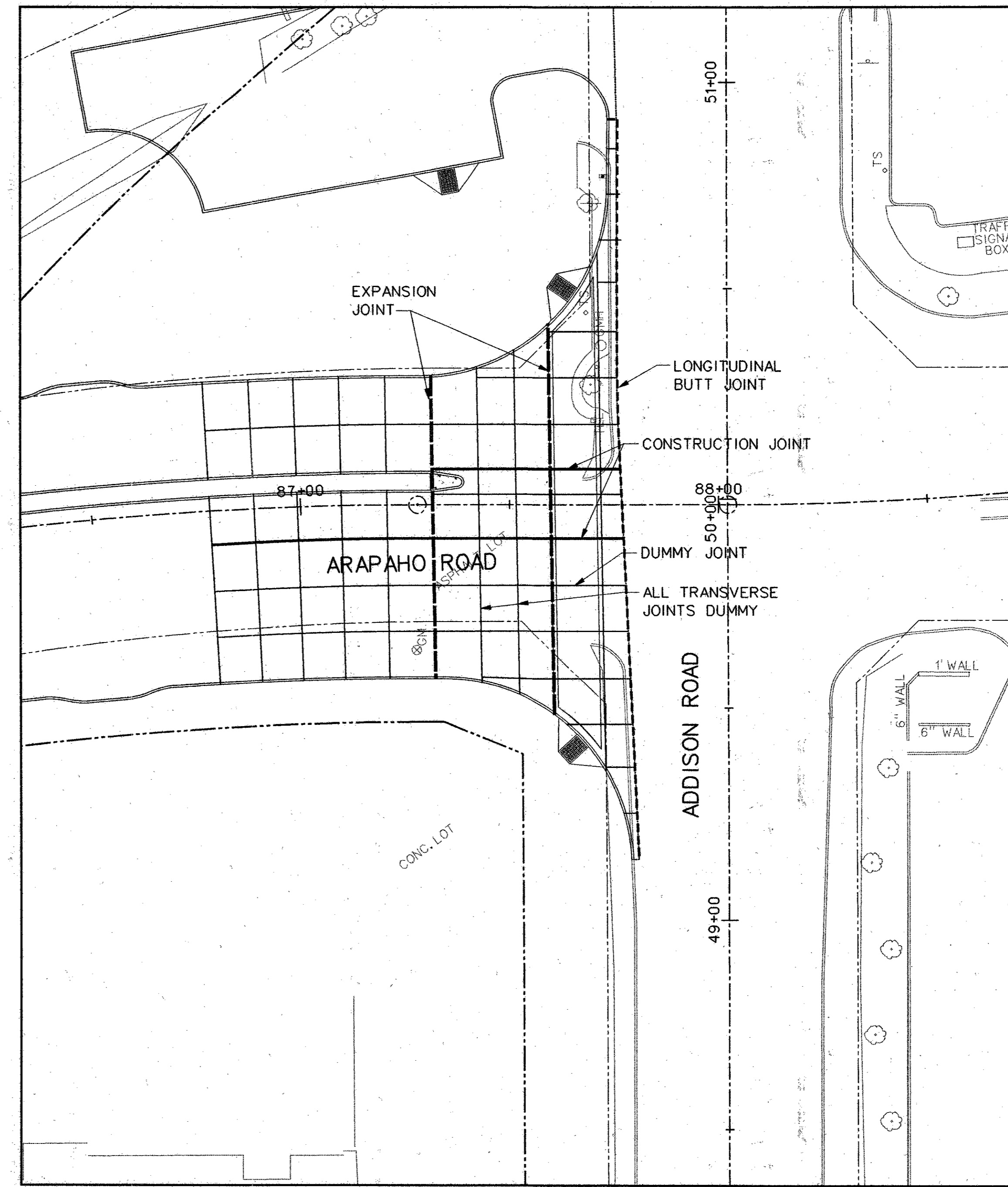
INTERSECTION GRADING FOR  
SURVEYOR BLVD AND ADDISON ROAD

TOWN OF ADDISON, TEXAS

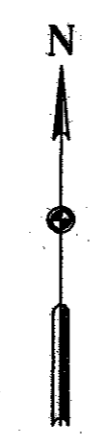
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check JSN	APRIL 04	H: 1" = 20'	25768	IG-1



SURVEYOR BLVD JOINT LAYOUT

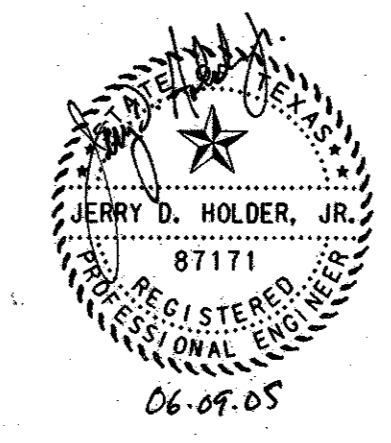


ADDISON ROAD JOINT LAYOUT



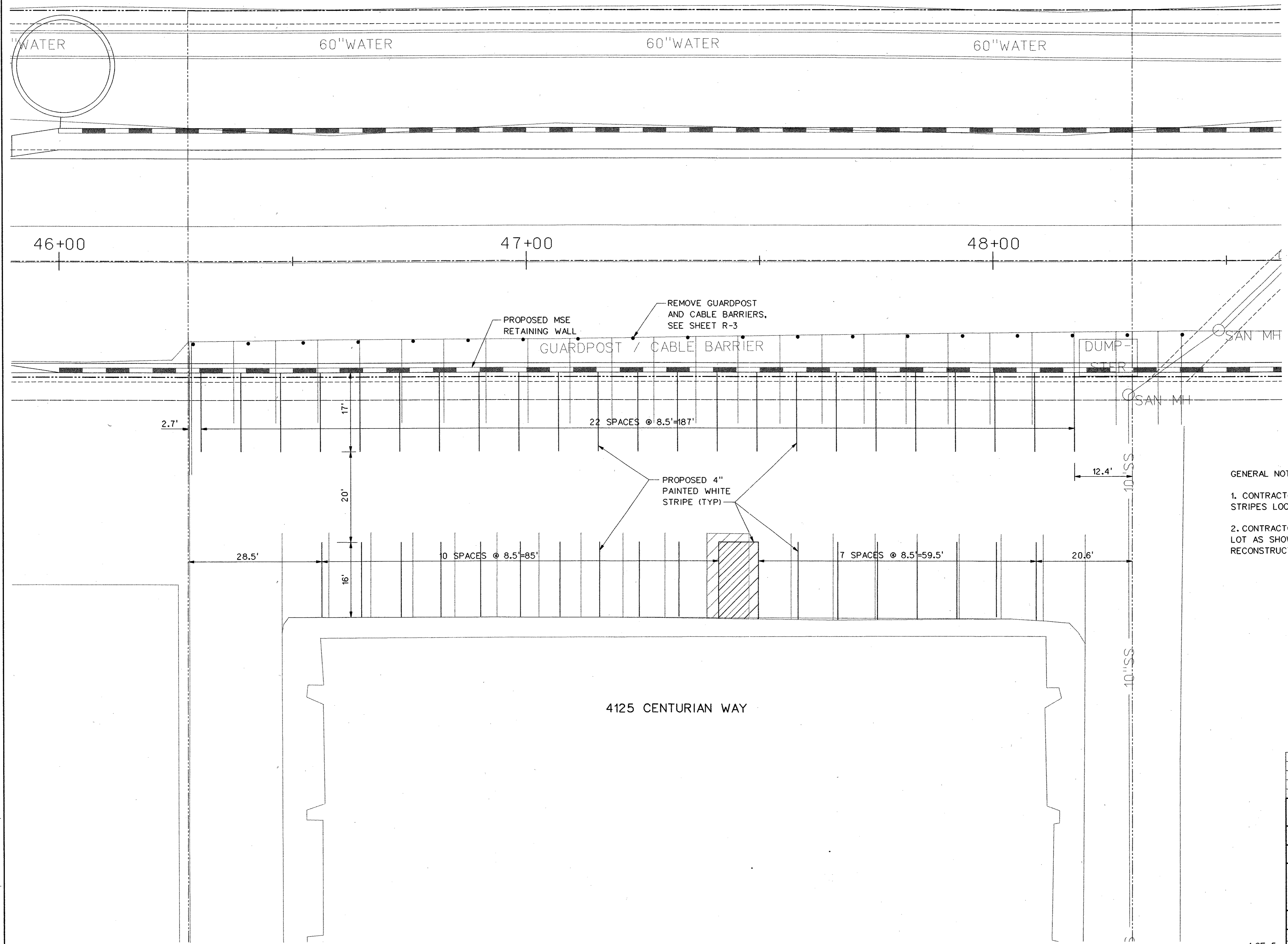
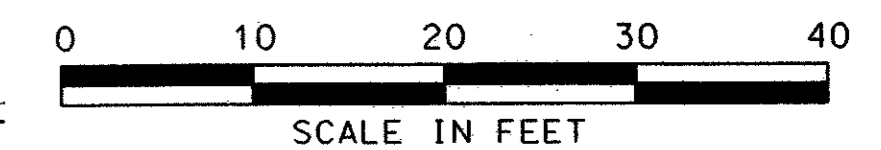
- NOTE:**
1. JOINTS ON 11' CENTERS.
  2. REFERENCE SHEET DT-01, HARDSCAPE DETAILS FOR DETAILS ON BRICK PAVERS.

- LEGEND:**
- LONGITUDINAL BUTT JOINT
  - CONSTRUCTION JOINT
  - DUMMY JOINT
  - EXPANSION JOINT



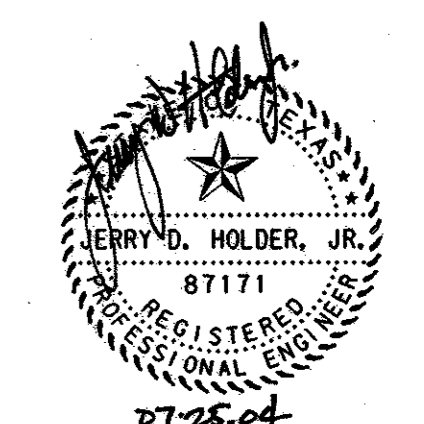
						55
7	6-8-05	REVISED GRADES ALONG ADDISON ROAD			JDH	
NO.	DATE	REVISION			APPROV.	
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS <i>The HNTB Companies</i>						
<b>ARAPAHO ROAD - PHASE III</b>						
SURVEYOR BOULEVARD TO ADDISON ROAD						
JOINT LAYOUTS AT SURVEYOR BLVD AND ADDISON ROAD						
TOWN OF ADDISON, TEXAS						
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO.	SHEET NO.	
Check JDH	Check JSN	APRIL 04	H: 1"= 20'	25768	JL - 1	

09-JUN-2005 09:07  
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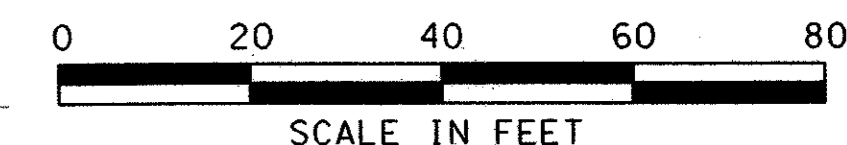
GENERAL NOTES:

1. CONTRACTOR TO REMOVE ALL EXISTING PARKING STRIPES LOCATED WITH IN THE PROJECT LIMITS
2. CONTRACTOR TO STRIPE PROPOSED PARKING LOT AS SHOWN ON PLANS, NO PAVEMENT RECONSTRUCTION FOR NEW PARKING LOT.

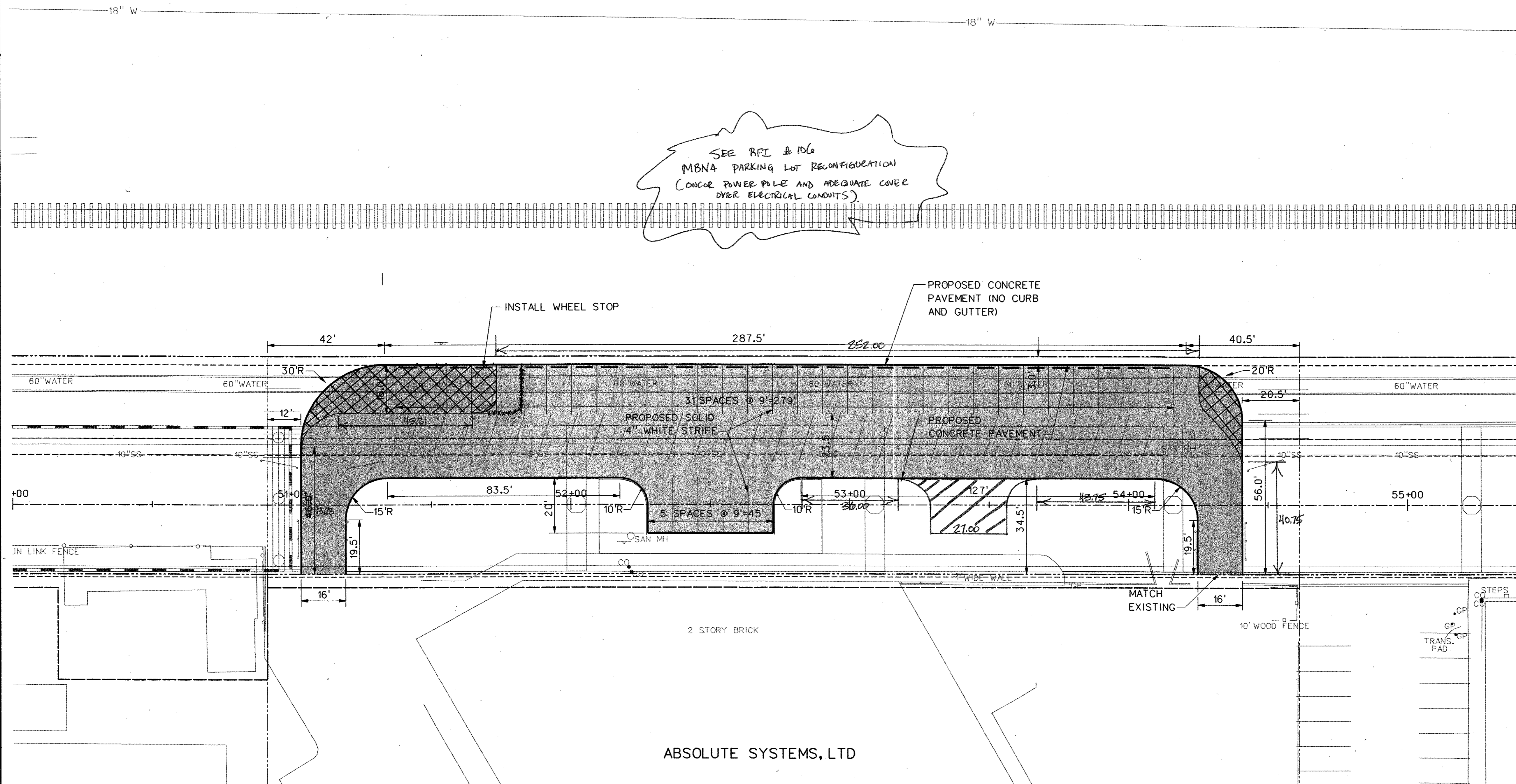


				56
NO.	DATE	REVISION	APPROV.	
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies <b>ARAPAHO ROAD - PHASE III</b> SURVEYOR BOULEVARD TO ADDISON ROAD PARKING LAYOUT 4125 CENTURIAN WAY TOWN OF ADDISON, TEXAS				
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO. SHEET NO.
Check JDH	Check JSN	APRIL 04	H: 1" = 10'	25768 PK-1

29-JUN-2004 12:29  
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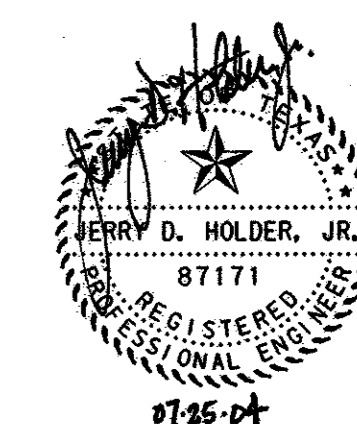
SEE RFI # 106  
 MBNA PARKING LOT RECONFIGURATION  
 (CONCR POWER POLE AND ADEQUATE COVER  
 OVER ELECTRICAL CONDUITS)



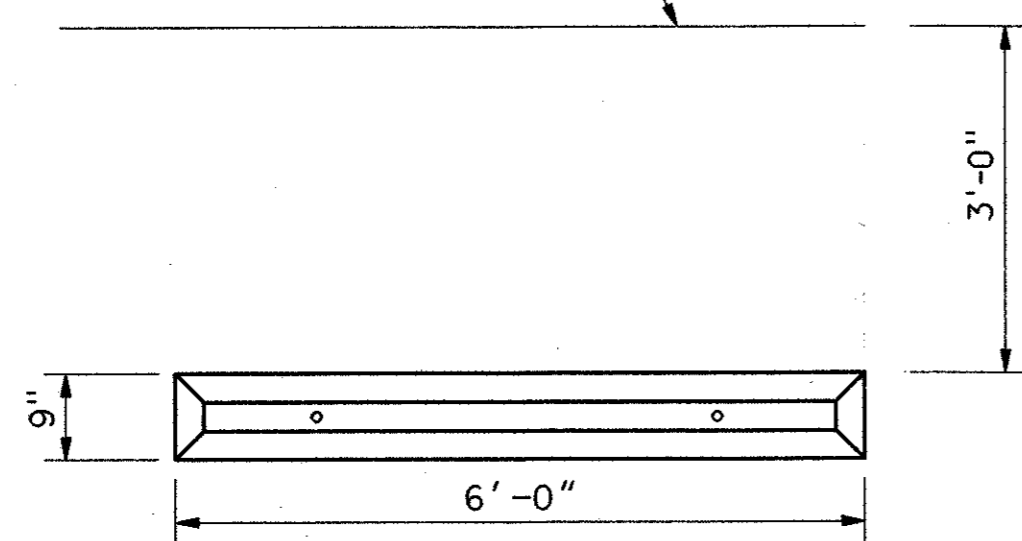
NOTE:  
 SEE SHEET G-1 FOR PARKING GRADING  
 PLAN.

**LEGEND**

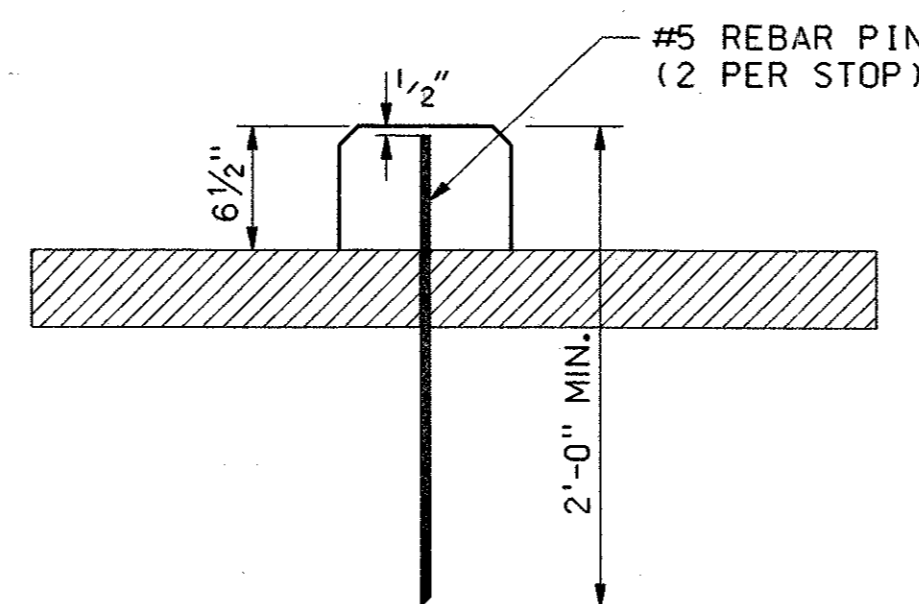
- PROPOSED SOLID 4" WHITE STRIPE
- PROPOSED PARKING LOT PAVEMENT



ANY VERTICAL OBSTACLE  
 (CURB, BUILDING, STAIRS, ETC.)



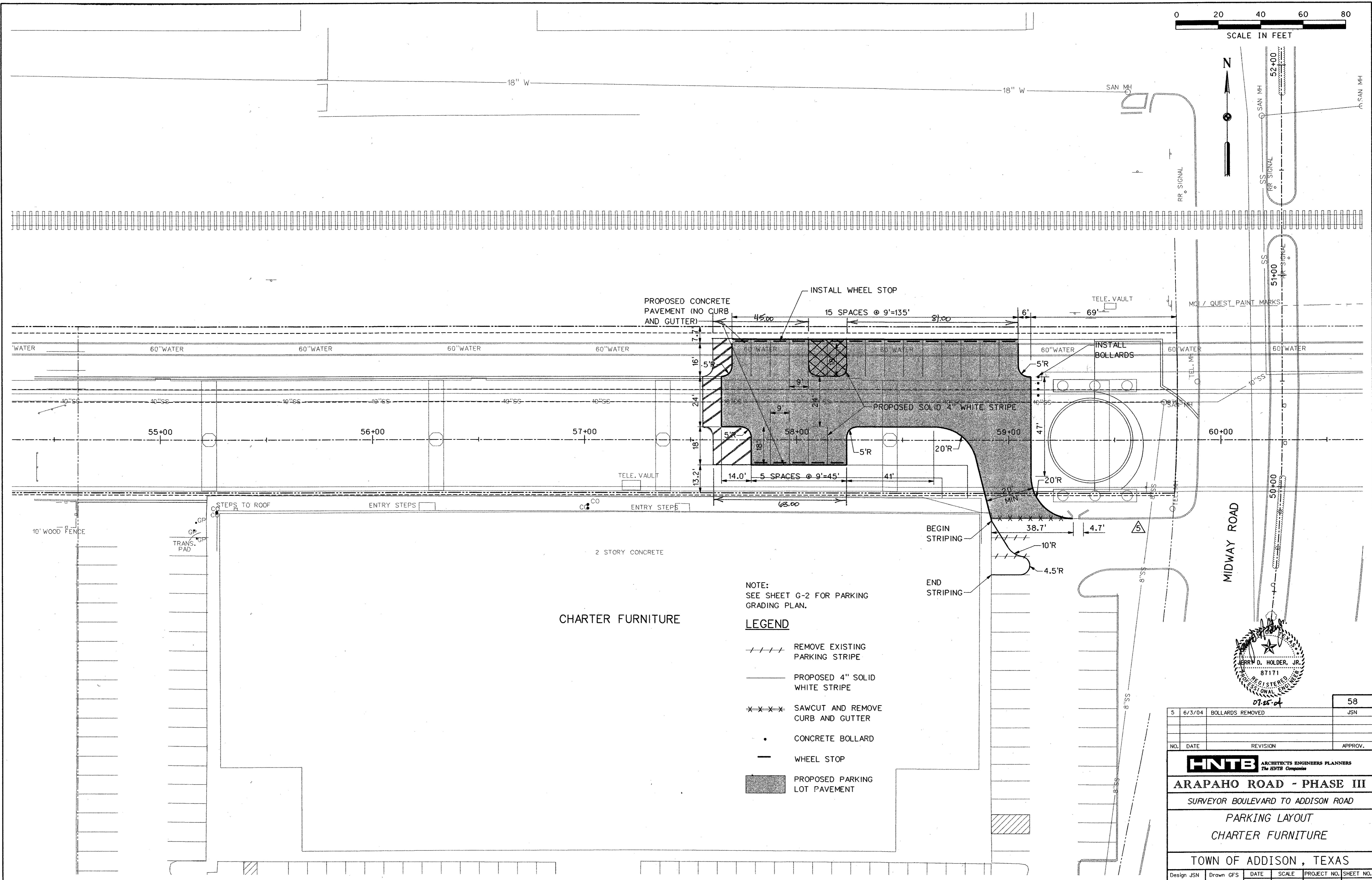
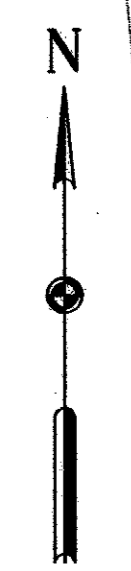
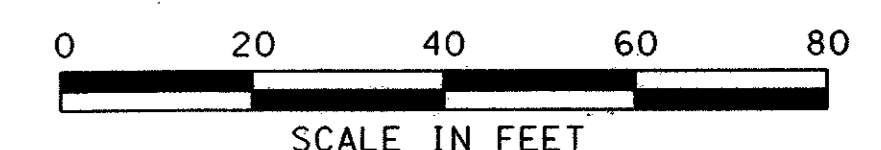
PLAN



SECTION

**VEHICULAR WHEEL STOP DETAIL**  
 NOT TO SCALE

NO.		DATE	REVISION	APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies				
<b>ARAPAHO ROAD - PHASE III</b>				
SURVEYOR BOULEVARD TO ADDISON ROAD				
PARKING LAYOUT				
MBNA				
TOWN OF ADDISON, TEXAS				
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO. SHEET NO.
Check JDH	Check JSN	APRIL 04	H: 1"= 20'	25768 PK-2

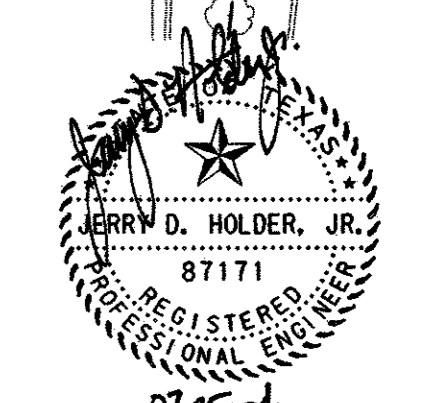


**CHARTER FURNITURE**

NOTE:  
SEE SHEET G-2 FOR PARKING  
GRADING PLAN.

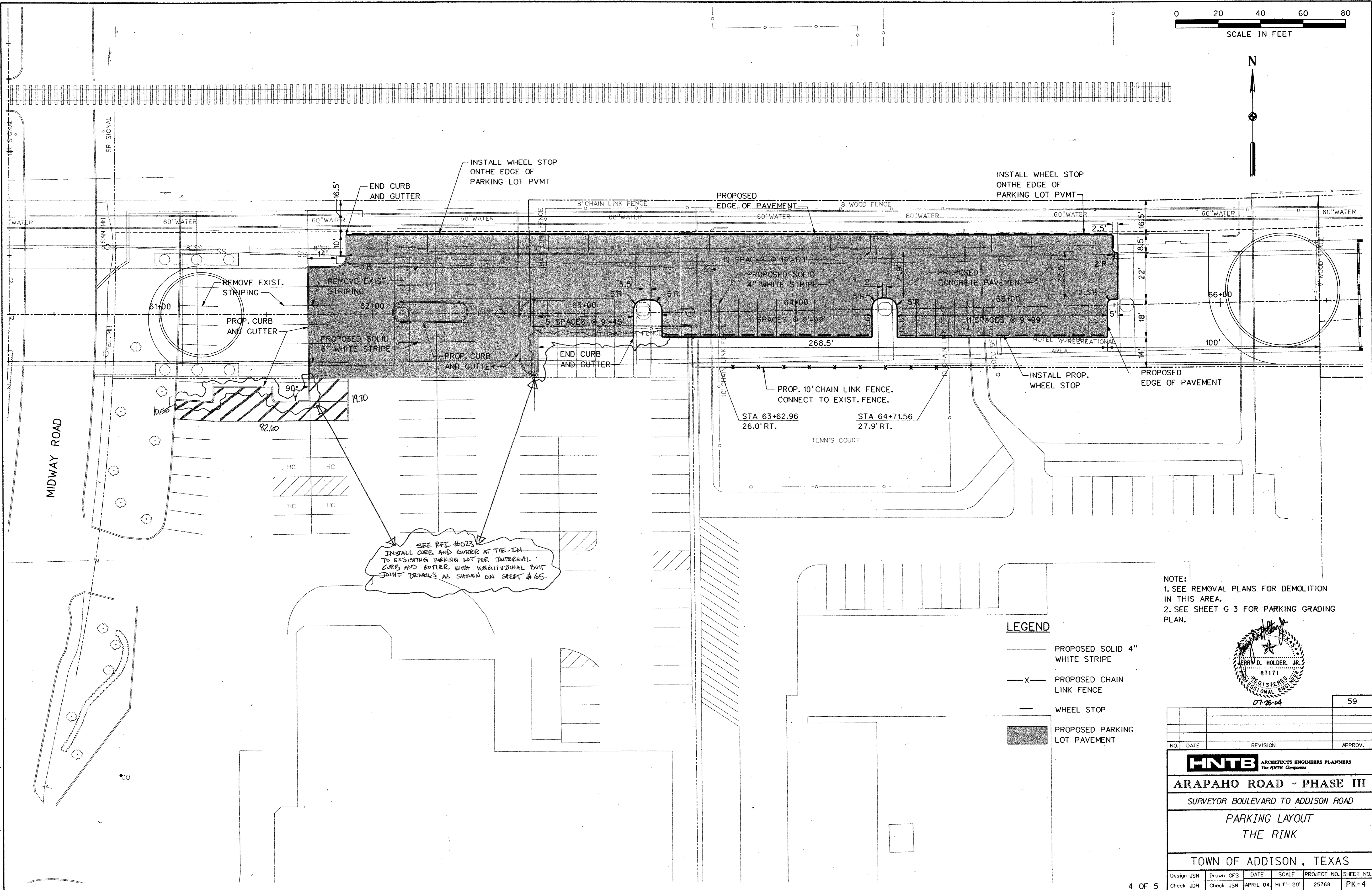
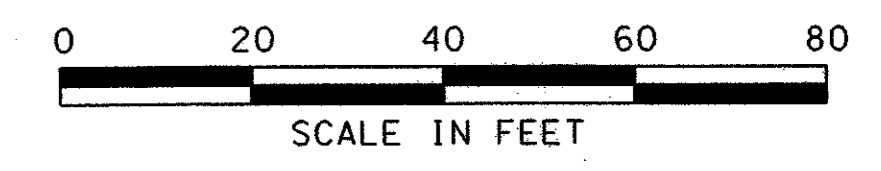
**LEGEND**

- //// REMOVE EXISTING PARKING STRIPE
- PROPOSED 4" SOLID WHITE STRIPE
- x x x x SAWCUT AND REMOVE CURB AND GUTTER
- CONCRETE BOLLARD
- WHEEL STOP
- PROPOSED PARKING LOT PAVEMENT



5	6/3/04	BOLLARDS REMOVED	JSN	58
NO.	DATE	REVISION	APPROV.	
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies				
<b>ARAPAHO ROAD - PHASE III</b>				
SURVEYOR BOULEVARD TO ADDISON ROAD				
PARKING LAYOUT CHARTER FURNITURE				
TOWN OF ADDISON, TEXAS				
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO. SHEET NO.
Check JDH	Check JSN	APRIL 04	H: 1" = 20'	25768 PK-3

29-JUN-2004 12:30  
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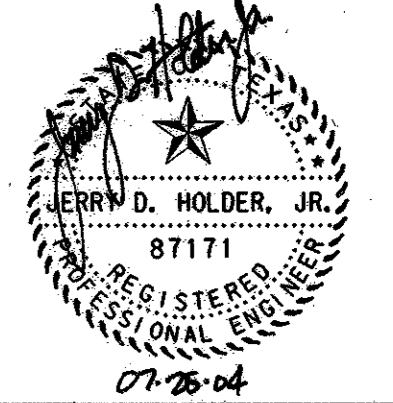


SEE PFI #023  
 INSTALL CURB AND GUTTER AT TIE-IN  
 TO EXISTING PARKING LOT PER INTEGRAL  
 CURB AND GUTTER WITH LONGITUDINAL BUTT  
 JOINT DETAILS AS SHOWN ON SHEET #65.

**LEGEND**

- PROPOSED SOLID 4" WHITE STRIPE
- x- PROPOSED CHAIN LINK FENCE
- WHEEL STOP
- PROPOSED PARKING LOT PAVEMENT

NOTE:  
 1. SEE REMOVAL PLANS FOR DEMOLITION  
 IN THIS AREA.  
 2. SEE SHEET G-3 FOR PARKING GRADING  
 PLAN.



NO.	DATE	REVISION	APPROV.

**HNTB** ARCHITECTS ENGINEERS PLANNERS  
 The HNTB Companies

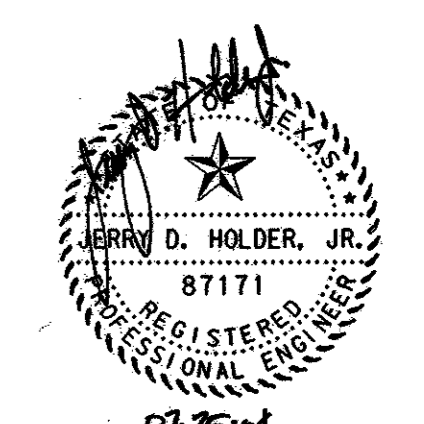
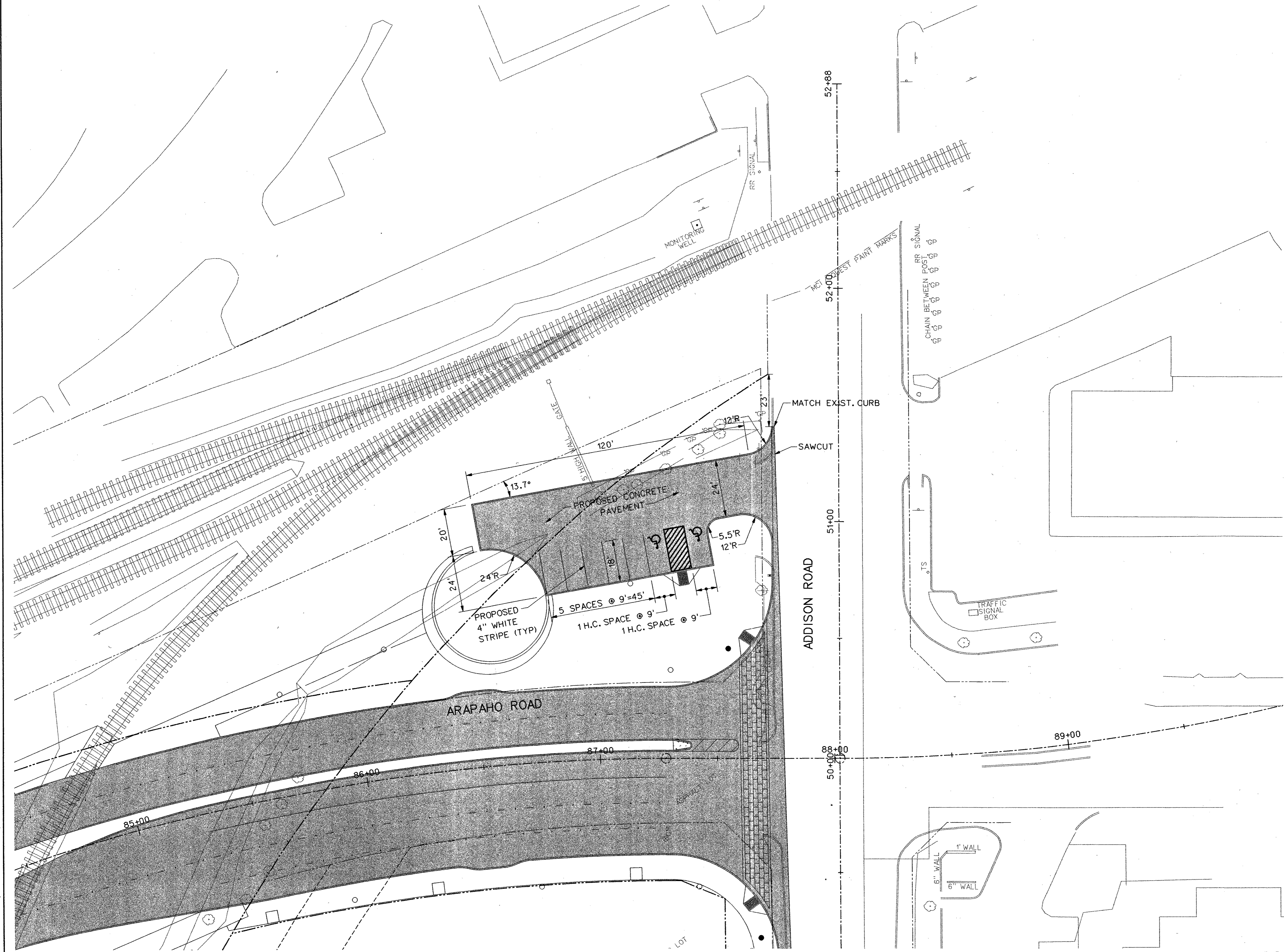
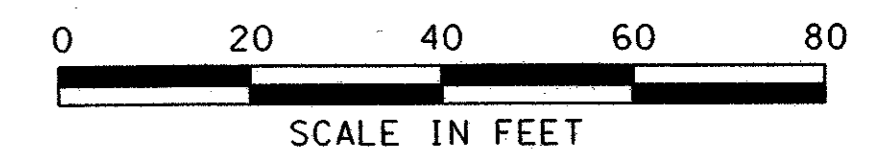
**ARAPAHO ROAD - PHASE III**  
 SURVEYOR BOULEVARD TO ADDISON ROAD

**PARKING LAYOUT**  
**THE RINK**

TOWN OF ADDISON, TEXAS

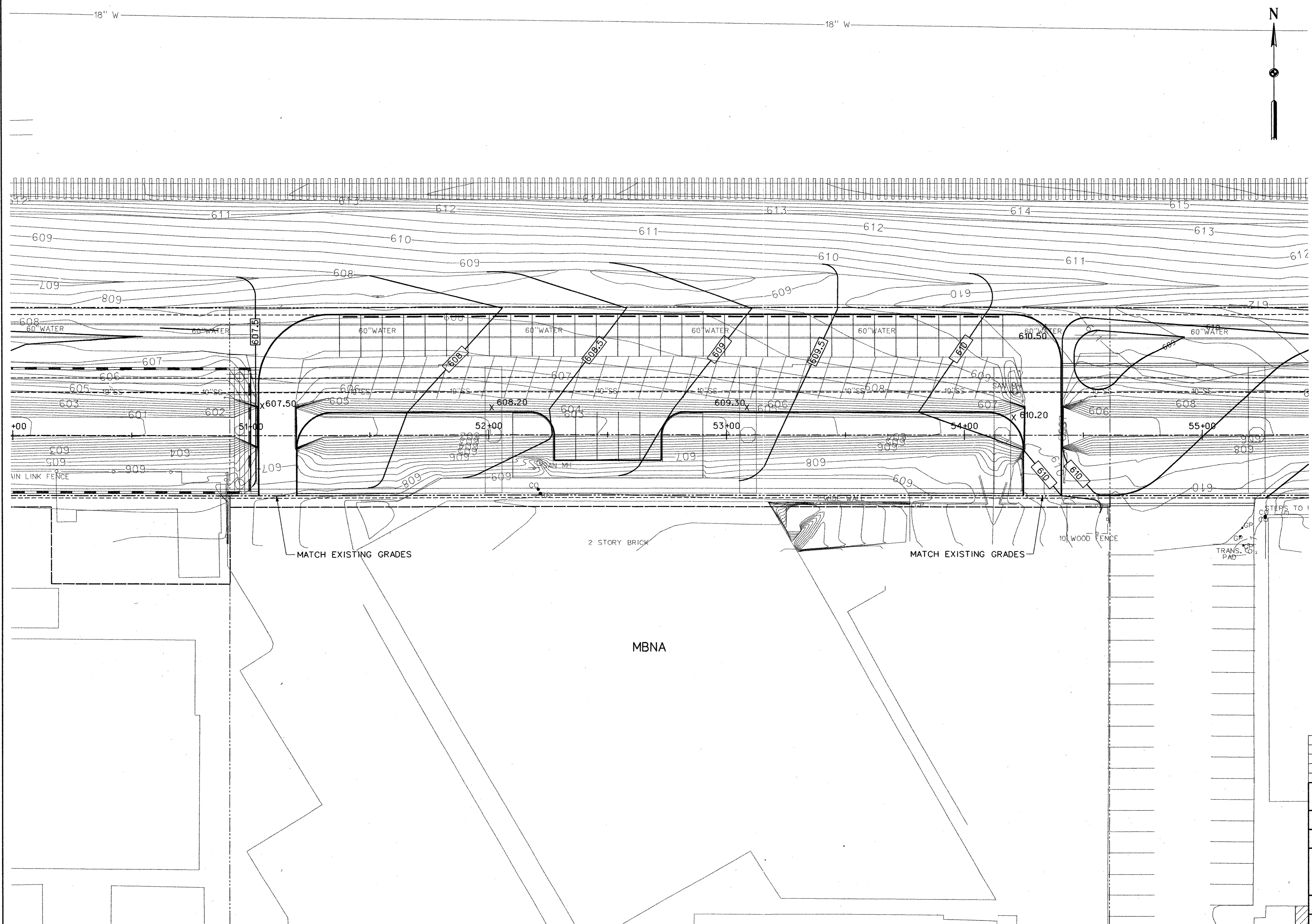
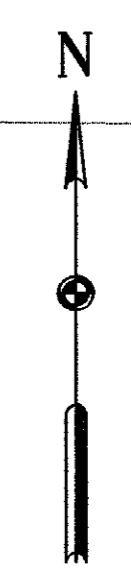
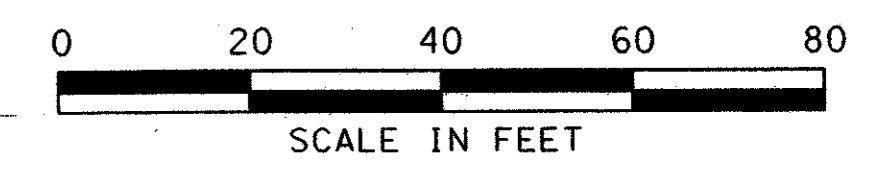
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check JSN	APRIL 04	H: 1" = 20'	25768	PK-4

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NO.		DATE	REVISION	APPROV.	60
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies					
<b>ARAPAHO ROAD - PHASE III</b>					
SURVEYOR BOULEVARD TO ADDISON ROAD					
PARKING LAYOUT					
ADDISON ROAD					
TOWN OF ADDISON, TEXAS					
Design	JSN	Drawn	GFS	DATE	SCALE
Check	JDH	Check	JSN	APRIL 04	H: 1"=20' V: 1"=8'
				PROJECT NO.	SHEET NO.
				25768	PK-5

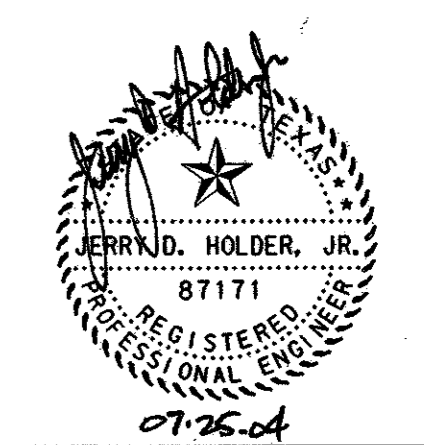
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**LEGEND**

- 614 — EXISTING CONTOUR
- 612.5 — PROPOSED CONTOUR
- x 612.42 PROPOSED SPOT GRADE

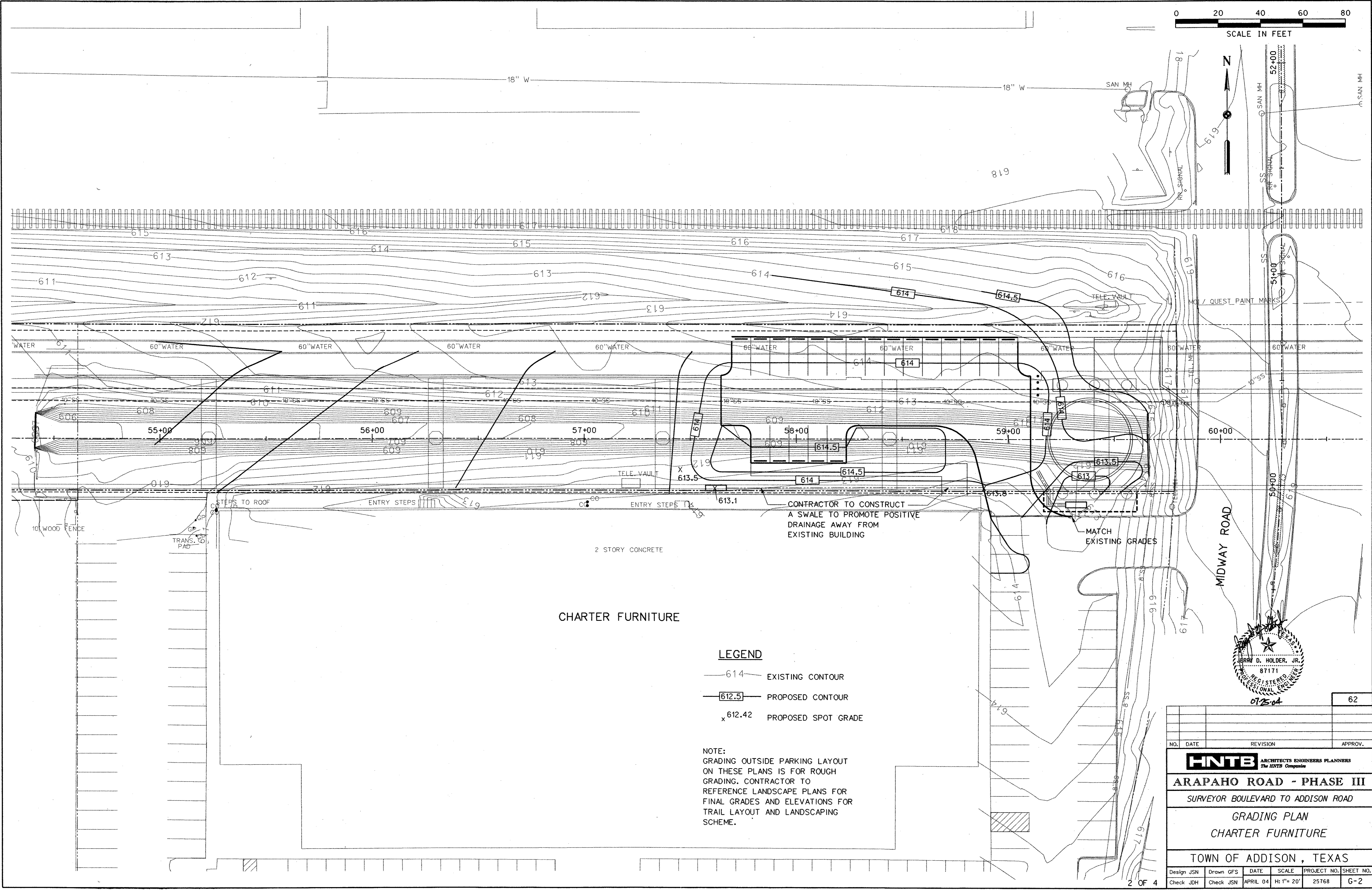
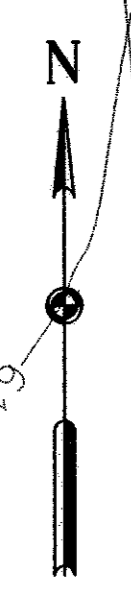
NOTE:  
 GRADING OUTSIDE PARKING LAYOUT  
 ON THESE PLANS IS FOR ROUGH  
 GRADING. CONTRACTOR TO  
 REFERENCE LANDSCAPE PLANS FOR  
 FINAL GRADES AND ELEVATIONS FOR  
 TRAIL LAYOUT AND LANDSCAPING  
 SCHEME.



NO.		DATE	REVISION	APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies				
<b>ARAPAHO ROAD - PHASE III</b>				
SURVEYOR BOULEVARD TO ADDISON ROAD				
GRADING PLAN				
MBNA				
TOWN OF ADDISON, TEXAS				
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO. SHEET NO.
Check JDH	Check JSN	APRIL 04	H: 1" = 20'	25768 G-1

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CHARTER FURNITURE

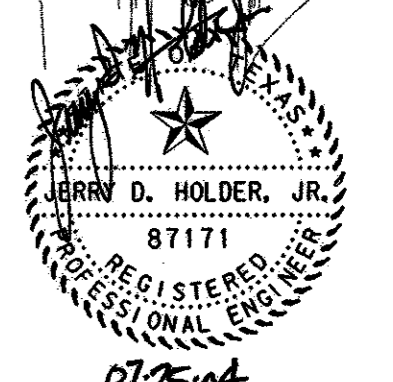
**LEGEND**

- 614 — EXISTING CONTOUR
- - - 612.5 - - - PROPOSED CONTOUR
- x 612.42 PROPOSED SPOT GRADE

NOTE:  
 GRADING OUTSIDE PARKING LAYOUT ON THESE PLANS IS FOR ROUGH GRADING. CONTRACTOR TO REFERENCE LANDSCAPE PLANS FOR FINAL GRADES AND ELEVATIONS FOR TRAIL LAYOUT AND LANDSCAPING SCHEME.

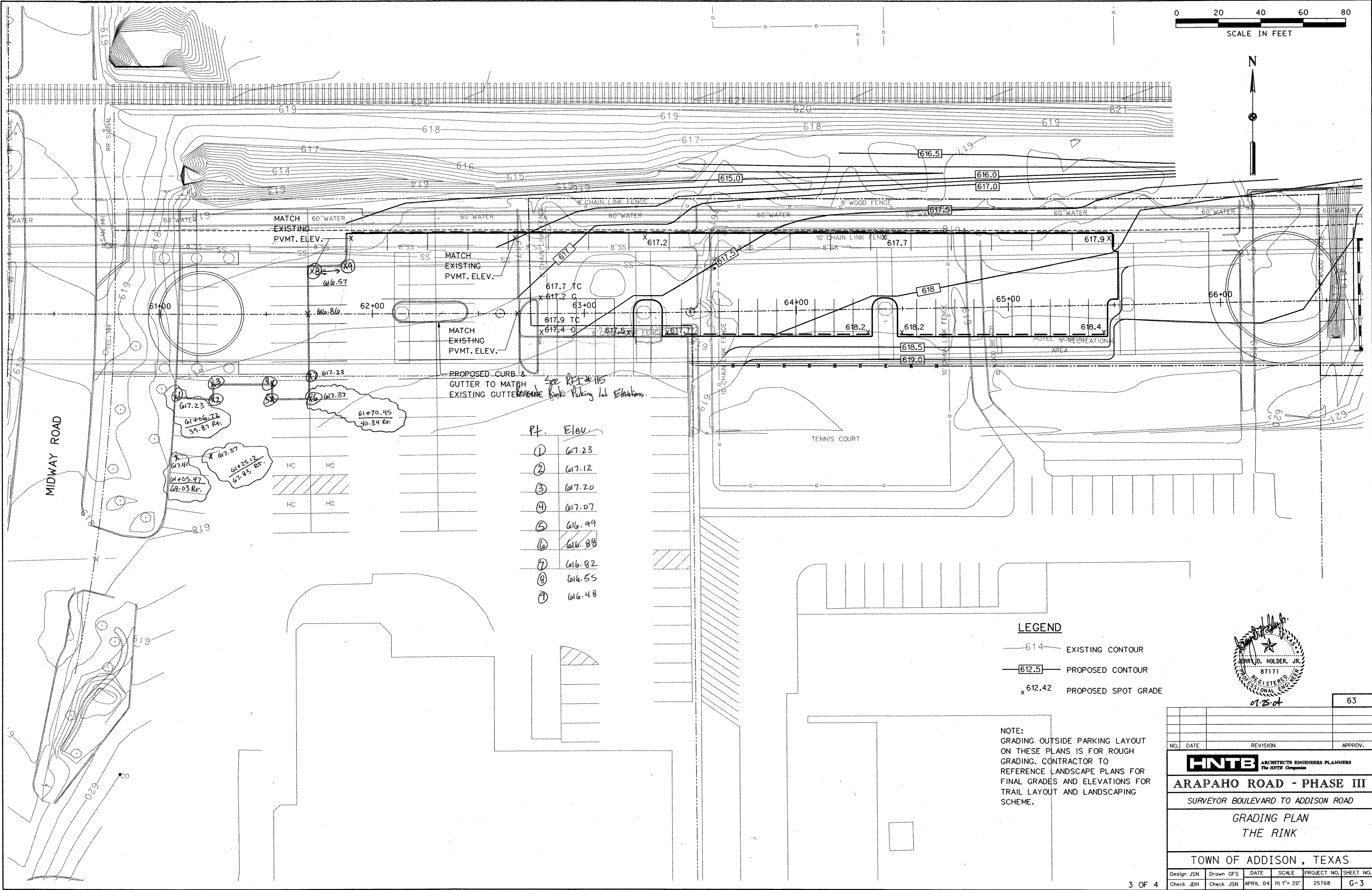
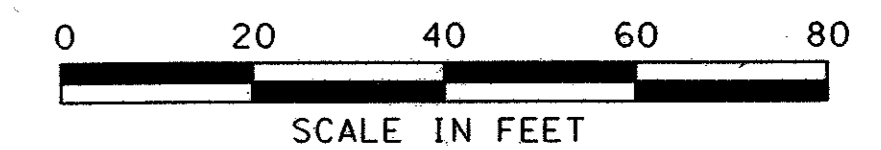
CONTRACTOR TO CONSTRUCT A SWALE TO PROMOTE POSITIVE DRAINAGE AWAY FROM EXISTING BUILDING

MATCH EXISTING GRADES



NO.		DATE		REVISION		APPROV.	
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies <b>ARAPAHO ROAD - PHASE III</b> SURVEYOR BOULEVARD TO ADDISON ROAD GRADING PLAN CHARTER FURNITURE TOWN OF ADDISON, TEXAS							
Design	JSN	Drawn	GFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check	JDH	Check	JSN	APRIL 04	H: 1"= 20'	25768	G-2

29-JUN-2004 12:30  
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MATCH EXISTING PVMT. ELEV. 616.57  
 MATCH EXISTING PVMT. ELEV. 617.2  
 MATCH EXISTING PVMT. ELEV. 617.4

PROPOSED CURB & GUTTER TO MATCH EXISTING GUTTER. *See RFI #115 for Rink Parking lot Elevations.*

PT.	Elev.
①	617.23
②	617.12
③	617.20
④	617.07
⑤	616.99
⑥	616.88
⑦	616.82
⑧	616.55
⑨	616.48

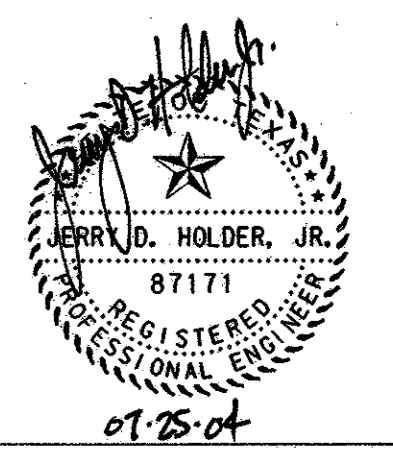
61+06.72  
39.87 Rt.  
 61+05.47  
68.03 Rt.  
 61+07.37  
61+25.12  
67.83 Rt.

HC	HC
HC	HC

**LEGEND**

- 614 — EXISTING CONTOUR
- 612.5 — PROPOSED CONTOUR
- x 612.42 PROPOSED SPOT GRADE

NOTE:  
 GRADING OUTSIDE PARKING LAYOUT ON THESE PLANS IS FOR ROUGH GRADING. CONTRACTOR TO REFERENCE LANDSCAPE PLANS FOR FINAL GRADES AND ELEVATIONS FOR TRAIL LAYOUT AND LANDSCAPING SCHEME.



NO.	DATE	REVISION	APPROV.

63

**HNTB** ARCHITECTS ENGINEERS PLANNERS  
 The HNTB Companies

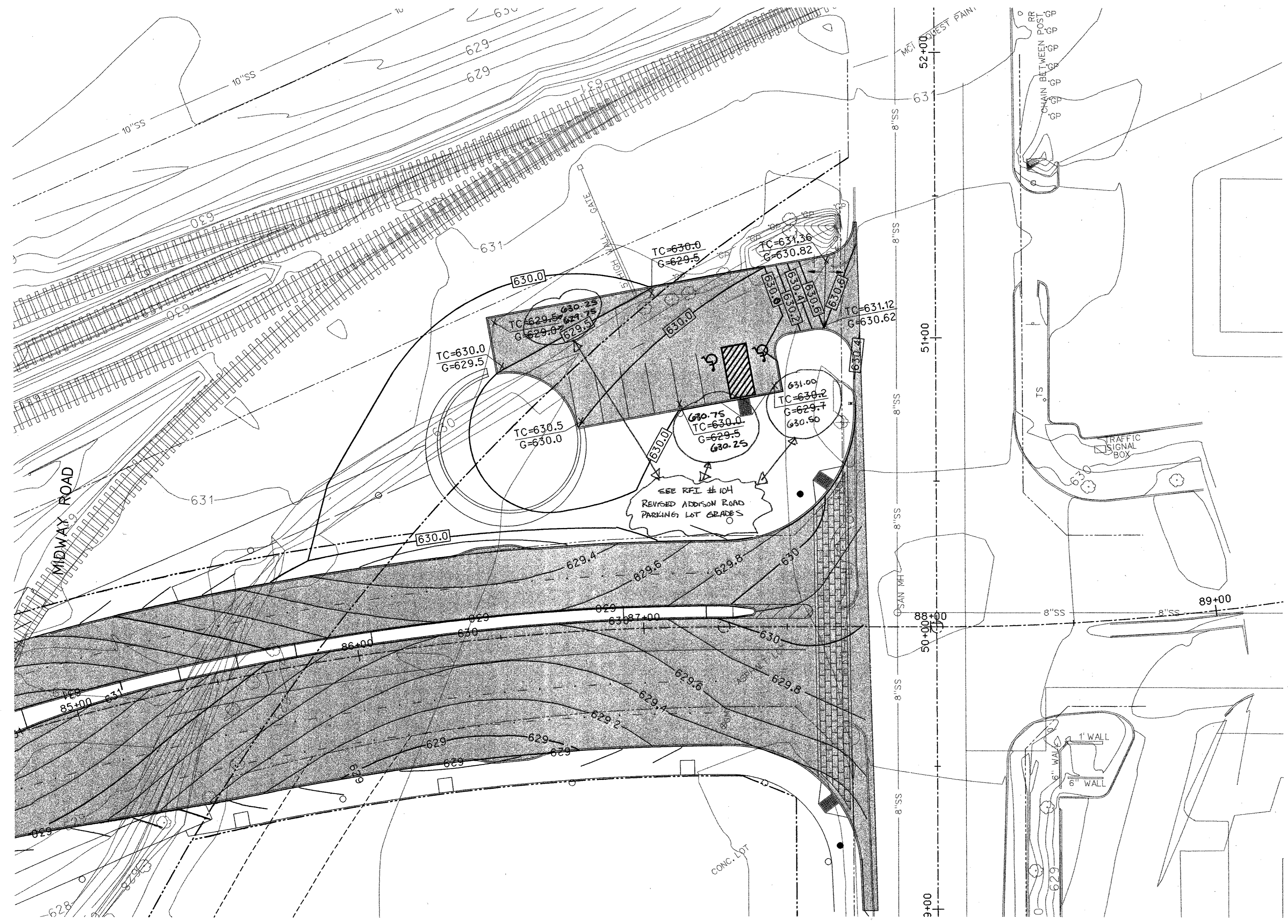
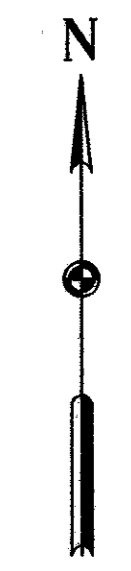
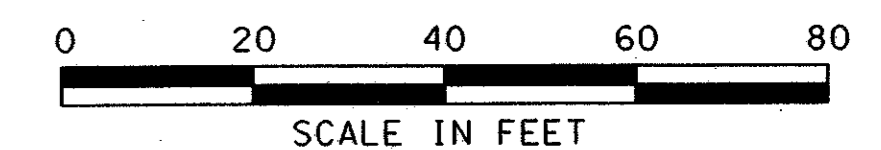
**ARAPAHO ROAD - PHASE III**  
 SURVEYOR BOULEVARD TO ADDISON ROAD

GRADING PLAN  
 THE RINK

TOWN OF ADDISON, TEXAS

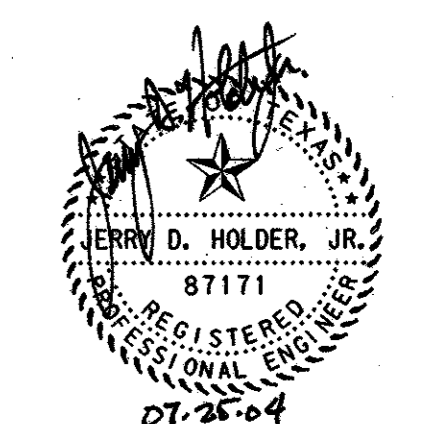
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check JSN	APRIL 04	H: 1" = 20'	25768	G-3

29-JUN-2004 12:30  
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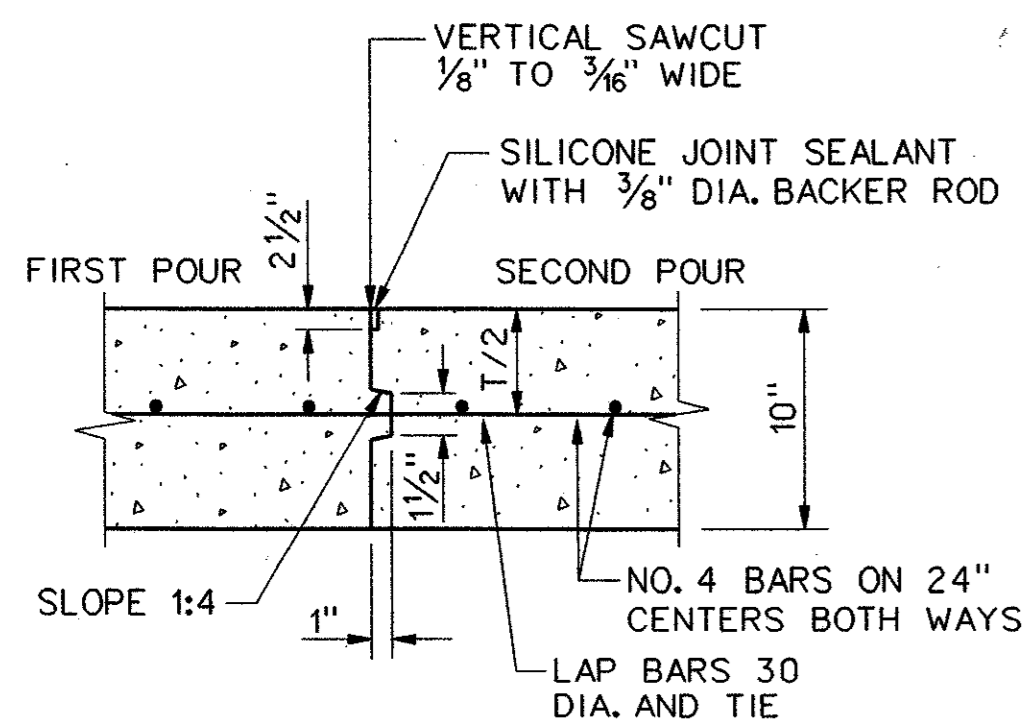
- LEGEND**
- 614 — EXISTING CONTOUR
  - 612.5 — PROPOSED CONTOUR
  - x 612.42 PROPOSED SPOT GRADE

**NOTE:**  
 GRADING OUTSIDE PARKING LAYOUT ON THESE PLANS IS FOR ROUGH GRADING. CONTRACTOR TO REFERENCE LANDSCAPE PLANS FOR FINAL GRADES AND ELEVATIONS FOR TRAIL LAYOUT AND LANDSCAPING SCHEME.

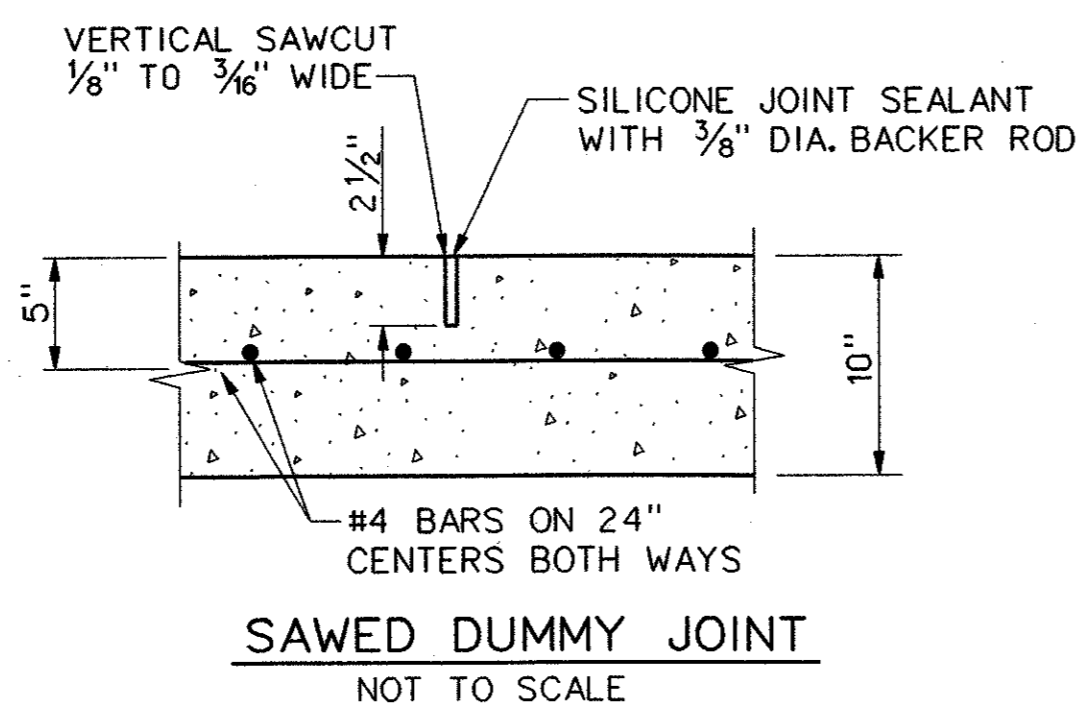


NO.		DATE	REVISION	APPROV.	64
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS <i>The HNTB Companies</i>					
<b>ARAPAHO ROAD - PHASE III</b>					
SURVEYOR BOULEVARD TO ADDISON ROAD					
GRADING PLAN					
PARKING LOT AT ADDISON ROAD					
TOWN OF ADDISON, TEXAS					
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check JSN	APRIL 04	H: 1" = 20'	25768	G-4

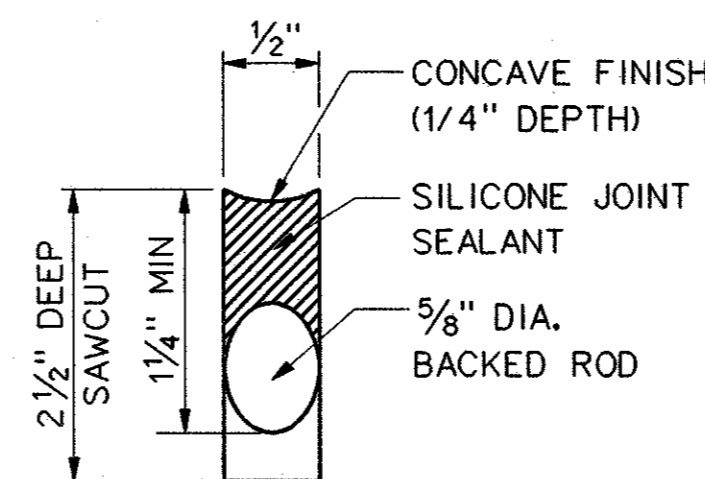
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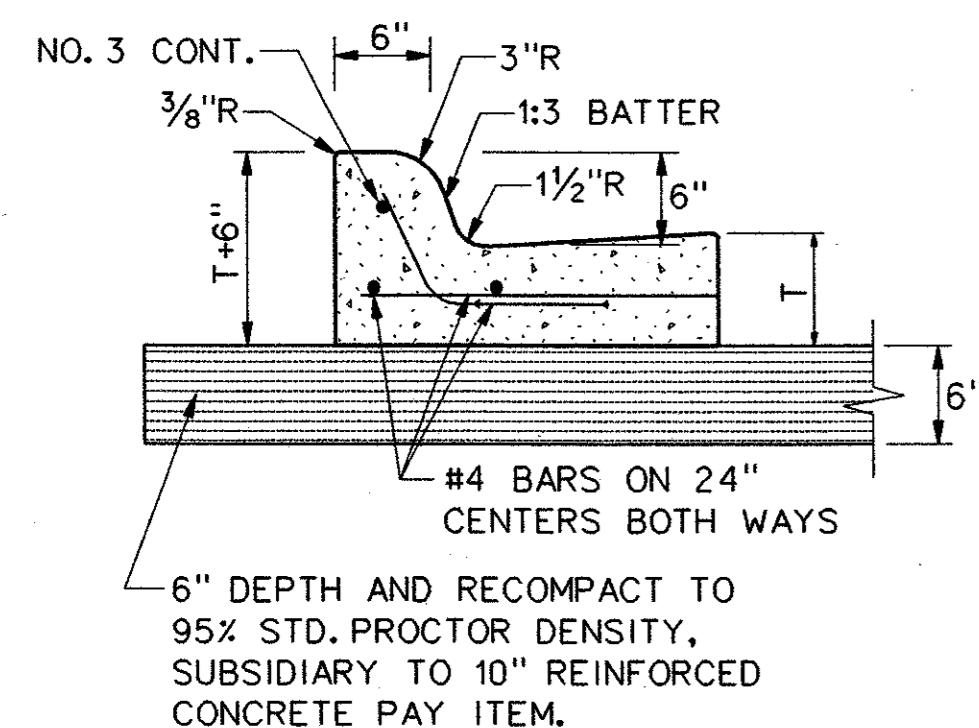
**KEYED CONSTRUCTION JOINT**  
NOT TO SCALE



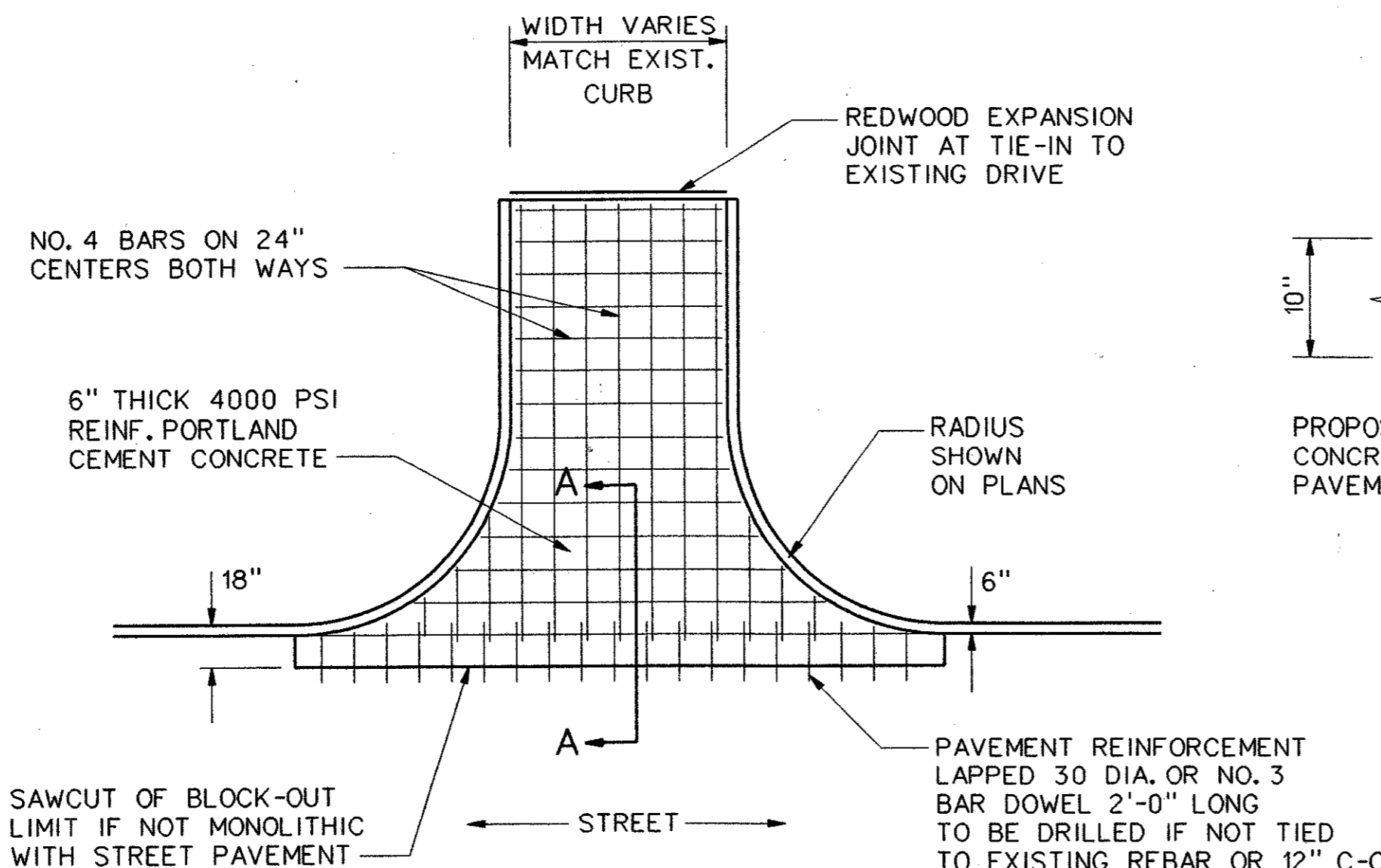
**SAWED DUMMY JOINT**  
NOT TO SCALE



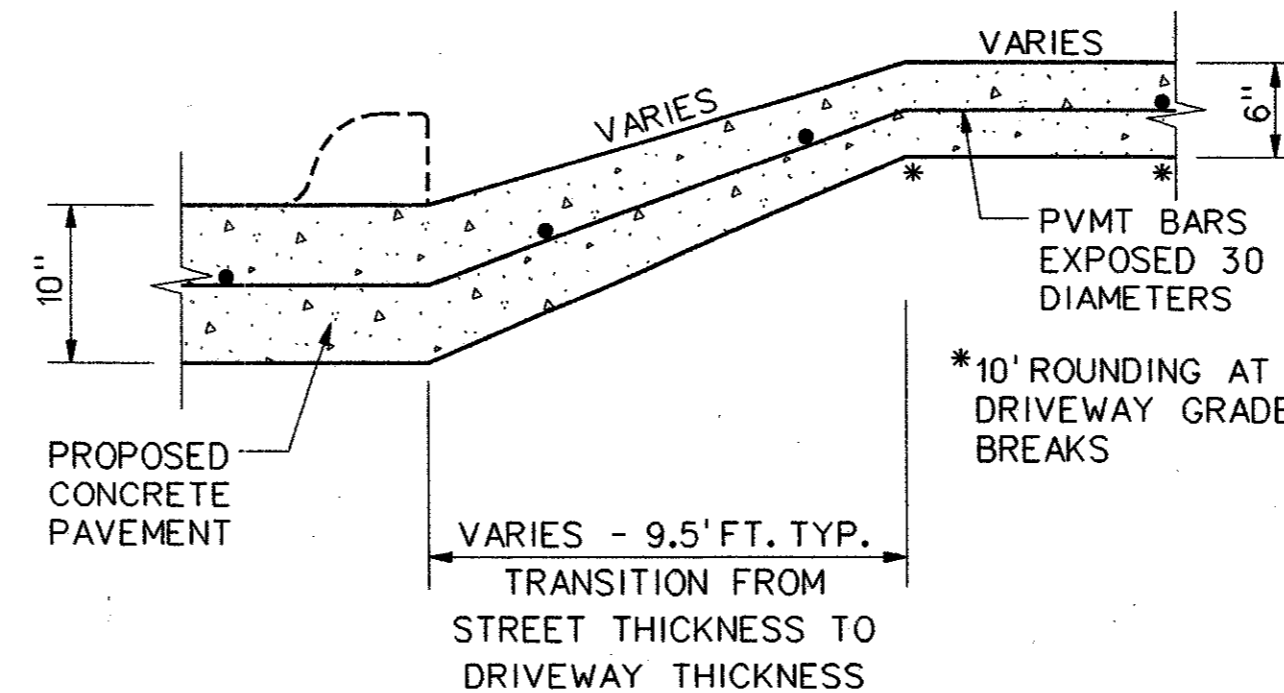
**TYPICAL JOINT DETAIL**  
NOT TO SCALE



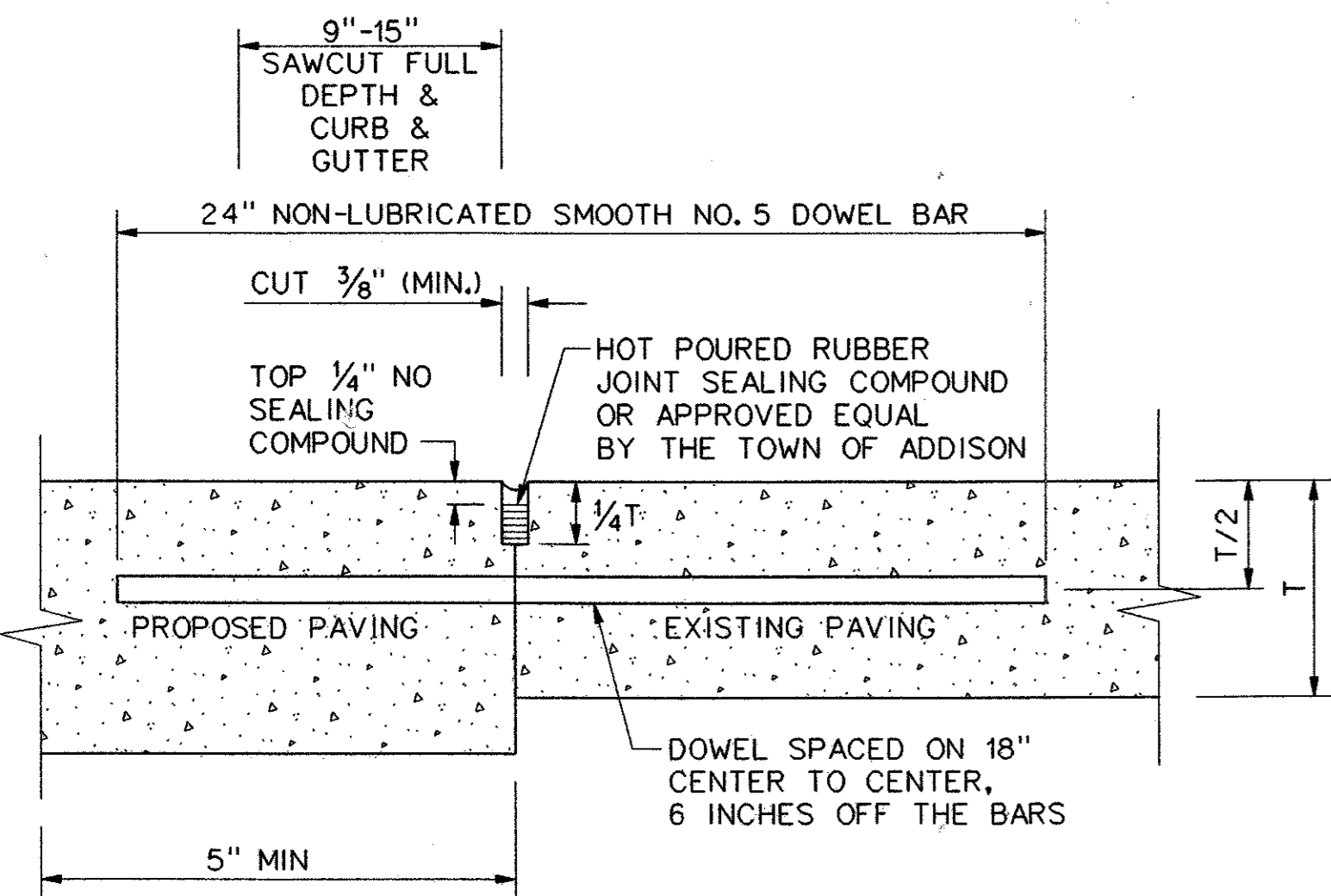
**INTEGRAL CURB AND GUTTER**  
NOT TO SCALE



**DRIVE APPROACH**  
NOT TO SCALE

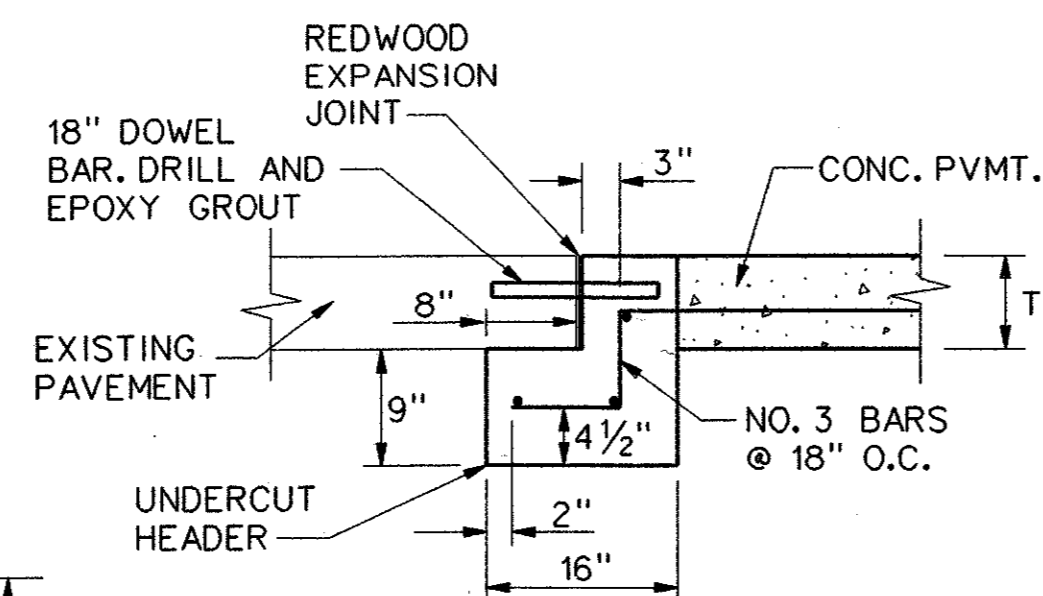


**SECTION A-A**  
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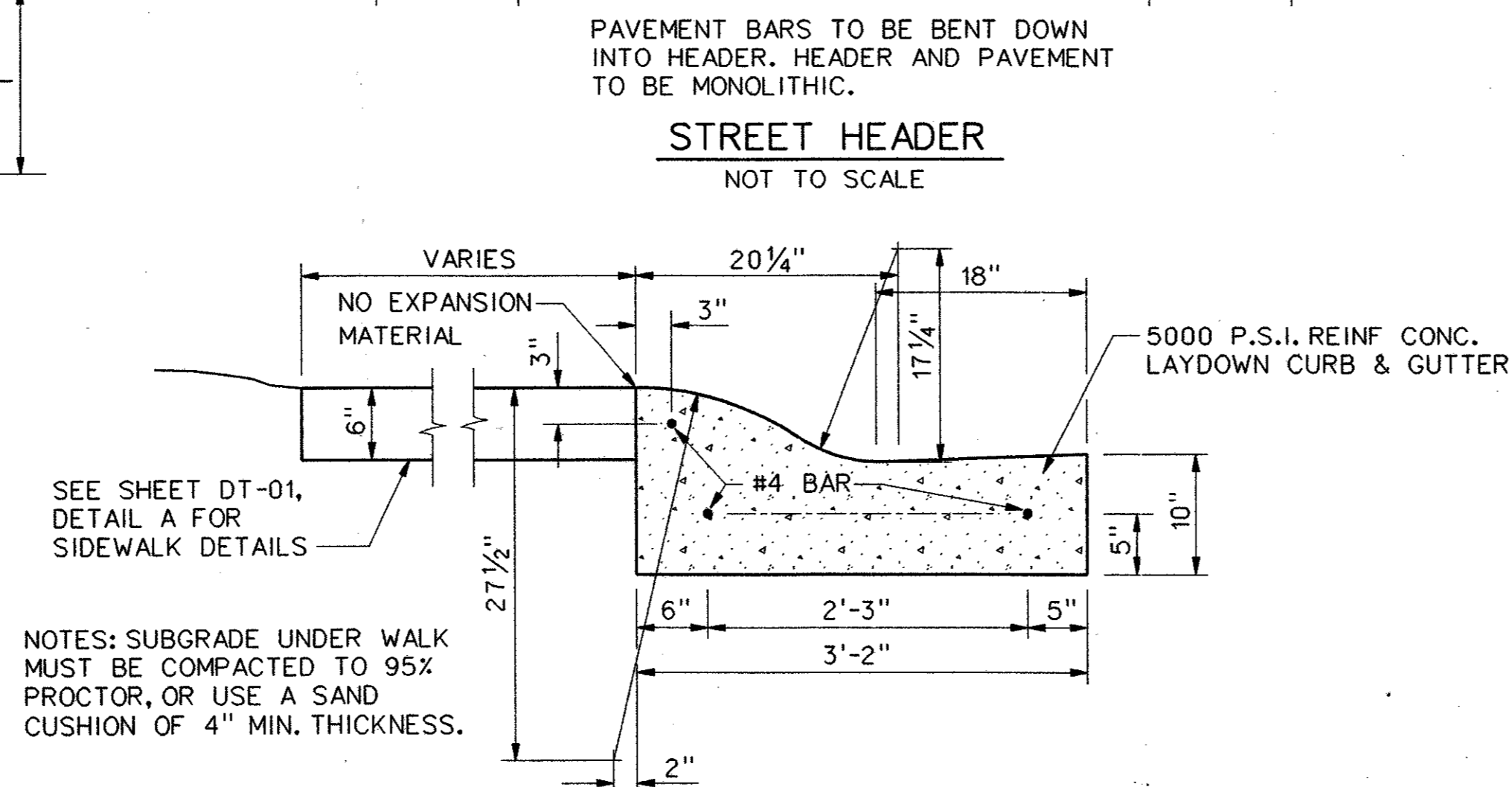


**LONGITUDINAL BUTT JOINT**  
NOT TO SCALE

- NOTES:
- NO. 5 SMOOTH DOWEL BAR MAY BE USED IN 6 INCH AND 8 INCH PAVEMENT THICKNESS.
  - DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG. DRILLING BY HAND IS NOT ACCEPTABLE. PUSHING BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.
  - THIS IS A NO SEPARATE PAY ITEM.

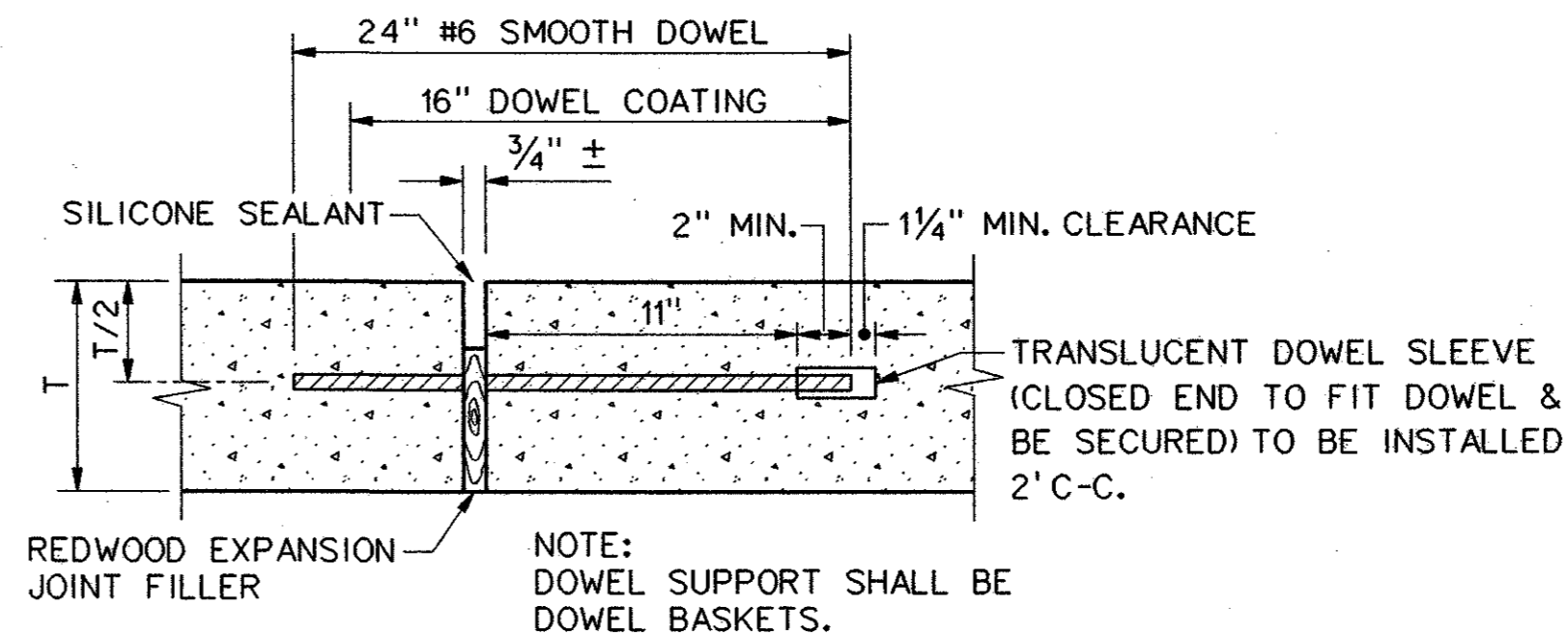


**STREET HEADER**  
NOT TO SCALE



**MOUNTABLE CURB AND GUTTER DETAILS**  
STA 79+10 TO STA 79+40  
NOT TO SCALE

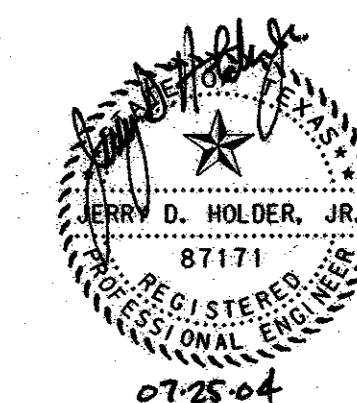
- NOTES: SUBGRADE UNDER WALK MUST BE COMPACTED TO 95% PROCTOR, OR USE A SAND CUSHION OF 4" MIN. THICKNESS.



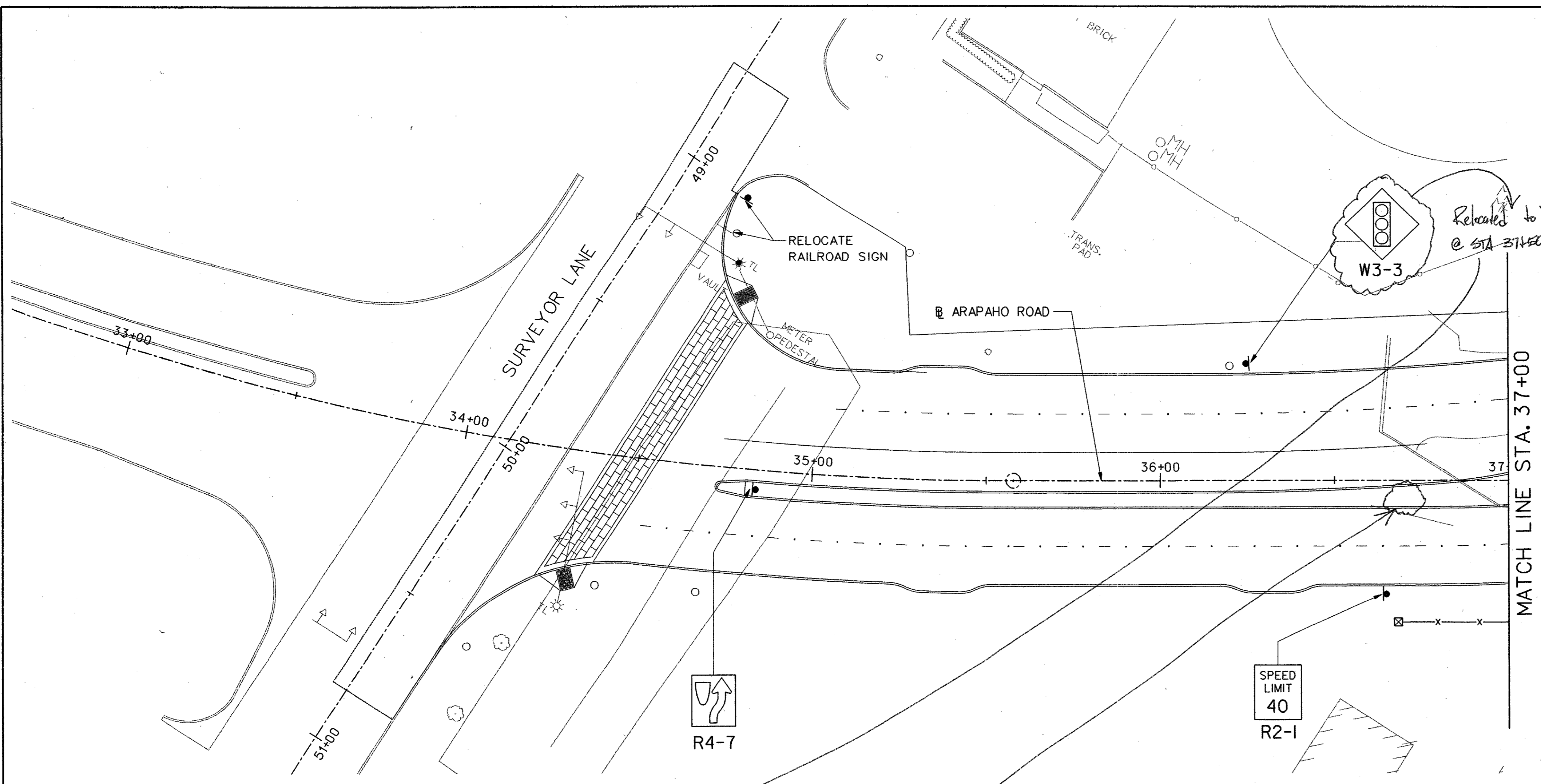
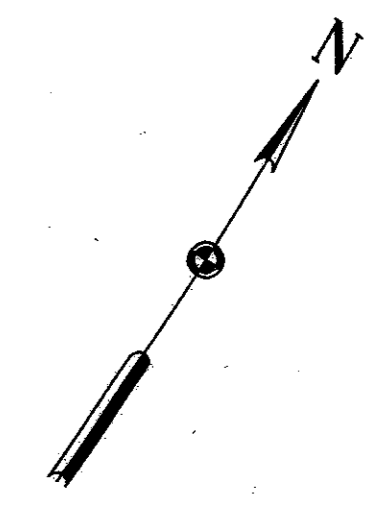
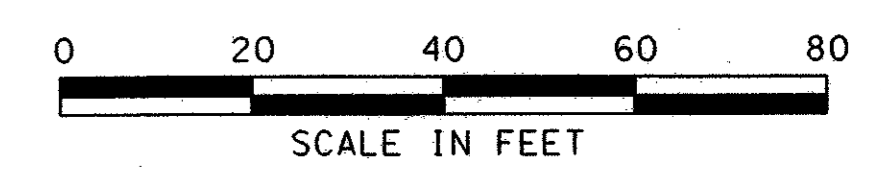
**EXPANSION JOINT**  
(SPACED 400 FT. MAXIMUM; LOCATE AT STRUCTURES AND AT INTERSECTION P.C.'S & P.T.'S)  
300' SPACING TYP.  
NOT TO SCALE

NOTES:

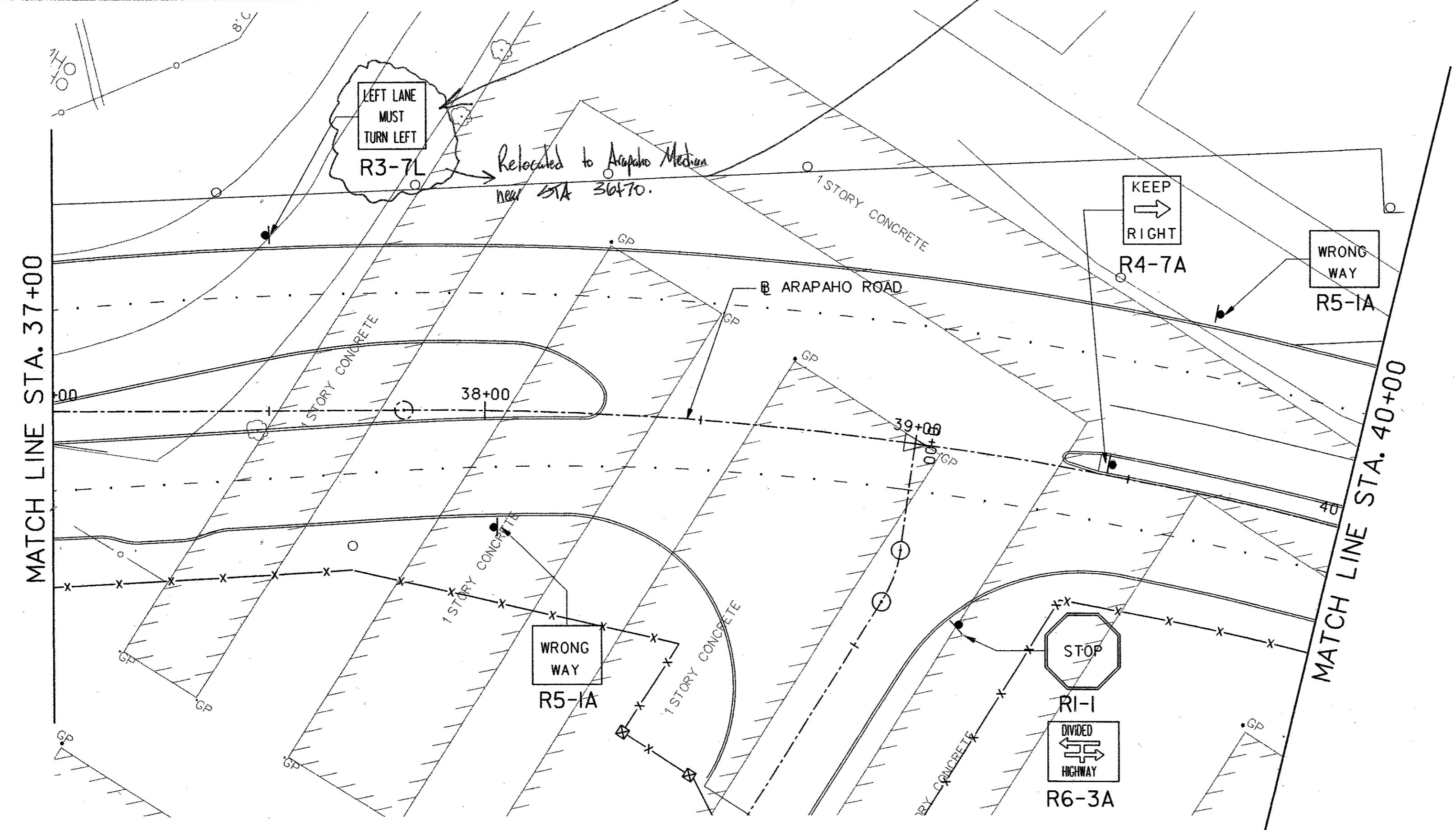
- UNLESS SPECIFICALLY STATED OTHERWISE IN PLANS OR CONTRACT DOCUMENTS, THE CONTROLLING SPECIFICATIONS FOR ALL WORK WITHIN PUBLIC RIGHT-OF-WAY AND EASEMENTS SHALL BE THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, THIRD EDITION 1998, AS AMENDED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (THE "STANDARD SPECIFICATIONS"). COPIES OF THE STANDARD SPECIFICATIONS MAY BE PURCHASED BY MAIL OR OVER THE COUNTER FROM THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS, 616 SIX FLAGS DRIVE, P.O. BOX DRAWER COG, ARLINGTON, TEXAS 76005-5888. PHONE METRO 817/640-3300. BULK DISCOUNTS ARE AVAILABLE. THIS DOCUMENT IS COPYRIGHTED.
- ROUGH GRADING SHALL BE ACCOMPLISHED TO WITHIN +/- 0.10 FEET OF PLAN ELEVATION.
- ALL TRAFFIC CONTROL NECESSARY FOR THE WORK SHALL BE PROVIDED BY THE CO TRACTOR. ALL BARRICADES, WARNING SIGNS, LIGHTS, DEVICES, ETC. FOR THE GUIDANCE AND PROTECTION OF TRAFFIC AND PEDESTRIANS MUST CONFORM TO THE INSTALLATIONS SHOWN IN THE LATEST ISSUE OF THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", AS CURRENTLY AMENDED, TEXAS DEPARTMENT OF TRANSPORTATION.
- ALL FILL SHALL BE PLACED IN MAXIMUM 8-INCH LIFTS COMPACTED TO 95% OF STANDARD PROCTOR DENSITY BETWEEN 0% AND +3% OF OPTIMUM MOISTURE CONTENT.
- ALL TREES, STUMPS, BRUSH, GRASSES AND SURFACE ORGANICS WITHIN PROPOSED RIGHT-OF-WAY ARE TO BE REMOVED AND PROPERLY DISPOSED OF OFF-SITE. TREE REMOVAL PERMITS, IF REQUIRED, WILL BE OBTAINED BY THE OWNER.
- EXISTING UTILITY POLES, IF ANY, WILL BE REMOVED OR RELOCATED BY THE UTILITY COMPANIES THROUGH COORDINATION BY THE OWNER. CONTRACTOR SHALL BRING TO THE OWNER'S ATTENTION ANY FACILITIES THAT APPEAR TO BE IN CONFLICT SO THAT THE OWNER HAS SUFFICIENT TIME TO ACCOMPLISH THE NECESSARY RELOCATIONS.
- WHERE DEEP VERTICAL EXCAVATIONS (IN EXCESS OF 3 FEET) ARE INDICATED, CUTS SHALL BE LAID BACK AT A STABLE SLOPE (ON OWNER'S PROPERTY) UNTIL WALLS ARE CONSTRUCTED. BACKFILL MATERIAL SHALL BE STOCKPILED ON-SITE AT THE DIRECTION OF THE OWNER.
- ALL REINFORCING STEEL AND DOWEL BARS IN PAVEMENT SHALL BE SUPPORTED AND MAINTAINED LEVEL AND AT THE CORRECT CLEARANCES BY THE USE OF BAR CHAIRS OR OTHER APPROVED SUPPORT.
- THE USE OF WOOD FORMS FOR PAVEMENT CONSTRUCTION WILL BE PERMITTED.
- DUMMY JOINTS SHALL BE SAWED IN THE PAVEMENT IN THIS PROJECT. DUMMY JOINTS WILL BE SPACED APPROXIMATELY 11 FEET ON CENTERS UNLESS DIRECTED OTHERWISE BY THE TOWN. SPACING VARIATIONS SHALL BE MADE AT BLOCKOUTS, CONSTRUCTION JOINTS, AND STREET INTERSECTIONS TO LINE UP WITH EXISTING PAVING JOINTS AS SHOWN ON THE PLANS. THE SPACING BETWEEN ANY JOINT SHALL NOT BE LESS THAN 10 FEET NOR MORE THAN 15 FEET. ALL DUMMY JOINTS SHALL BE SAWED NO SOONER THAN 4 HOURS AND NO LATER THAN 12 HOURS AFTER THE PLACEMENT OF THE PAVEMENT.
- MONOLITHIC CONCRETE MEDIAN NOSE SHALL CONFORM TO NCTCOG STANDARD DRAWING NO. 2140.
- BARRIER-FREE RAMPS MEETING ADA STANDARDS SHALL BE BUILT WITH THIS PROJECT. LOCATIONS MAY BE ADJUSTED AS DIRECTED BY THE TOWN TO CLEAR OBSTRUCTIONS.
- VARIABLE HEIGHT CURB AT INTERSECTIONS AND SLOPING CURBS AT DRIVES SHALL BE BUILT TO MATCH FUTURE BARRIER-FREE RAMPS PER PLANS. NO SEPARATE PAY ITEMS ARE PROVIDED.
- TWO-WAY TRAFFIC MUST BE MAINTAINED AT ALL TIMES ON PUBLIC STREETS ADJACENT TO THIS PROJECT UNLESS SPECIFIED OTHERWISE IN THE PLANS AND SPECIFICATIONS, OR DIRECTED BY THE ENGINEER. THE TRAVEL WAY WIDTH SHALL NOT BE LESS THAN 10 FEET.
- SEE TYPICAL SECTIONS SHEET FOR ADDITIONAL DETAILS AND NOTES.
- ALL CURBS SHALL BE PLACED INTEGRAL WITH PAVEMENT.
- CURBS SHALL MEET THE SAME COMPRESSIVE STRENGTH AS SPECIFIED FOR THE CONCRETE PAVEMENT.
- BAR LAPS SHALL BE 30 DIAMETERS.



NO.		DATE	REVISION	APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies				
<b>ARAPAHO ROAD - PHASE III</b>				
SURVEYOR BOULEVARD TO ADDISON ROAD				
PAVING DETAILS				
TOWN OF ADDISON, TEXAS				
Design JSN	Drawn GFS	DATE	SCALE	PROJECT NO. SHEET NO.
Check JDH	Check JSN	APRIL 04	NTS	25768 PD-1

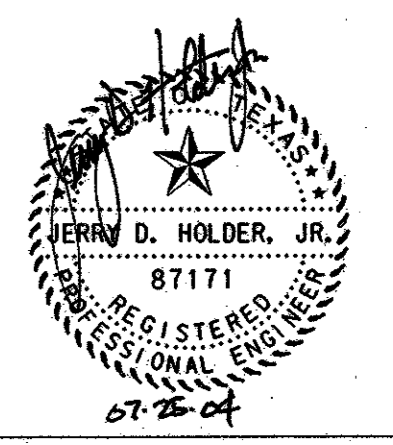
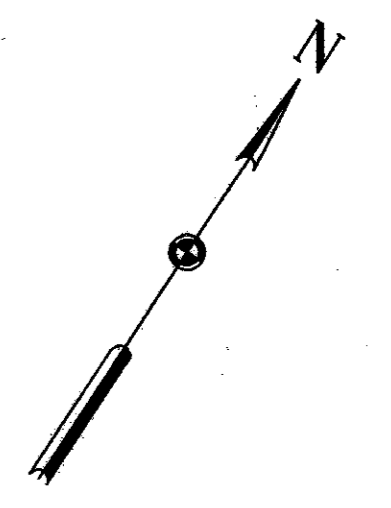


MATCH LINE STA. 37+00

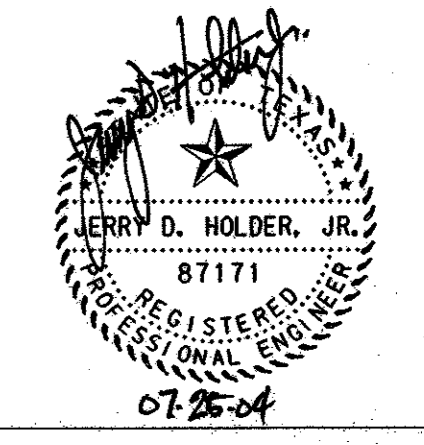
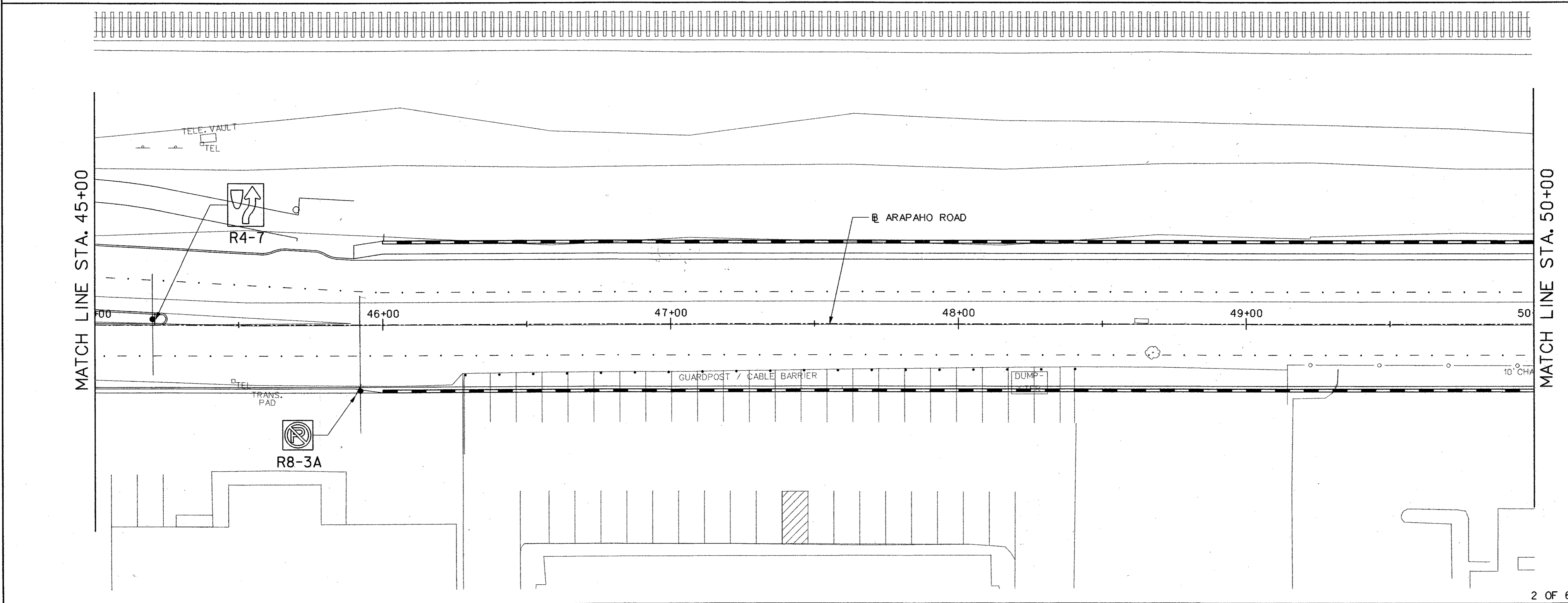
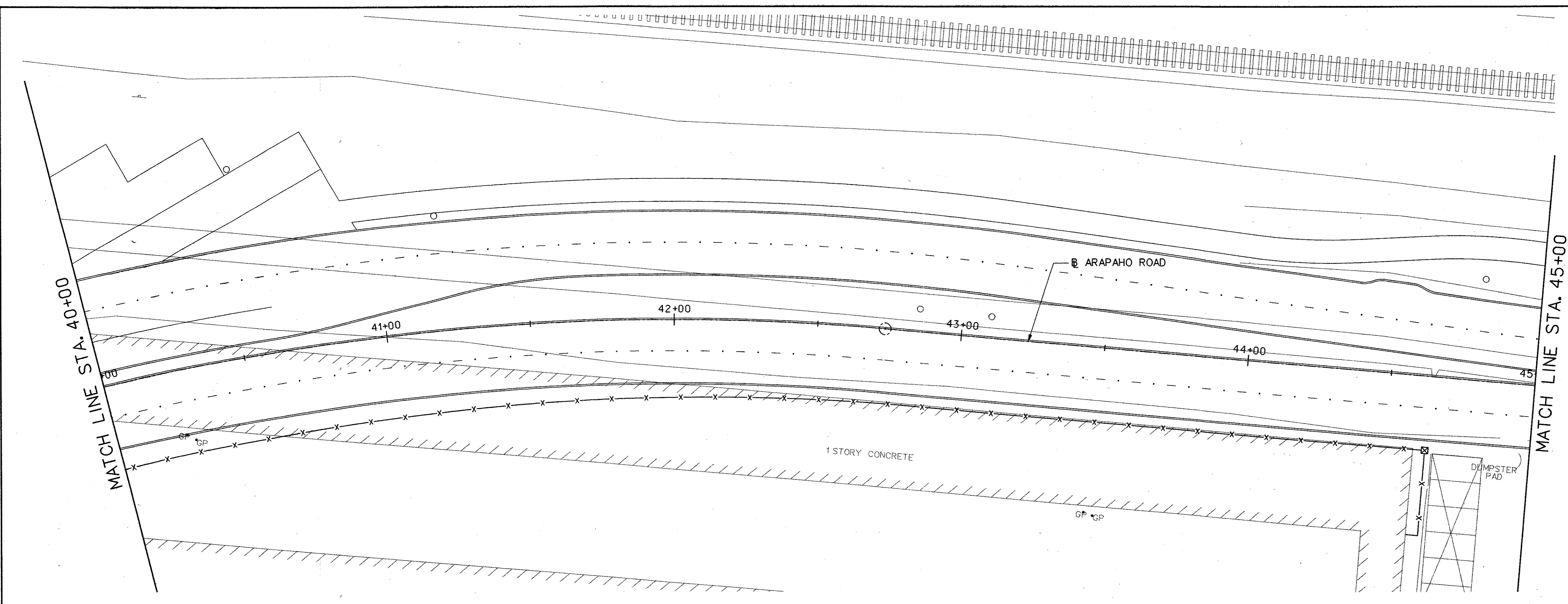
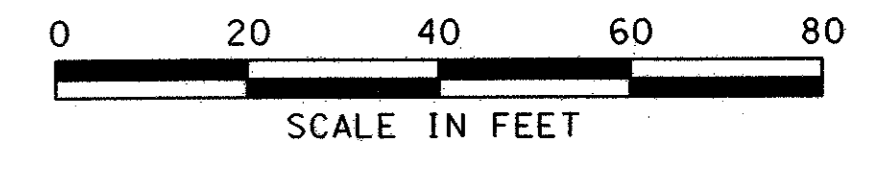


MATCH LINE STA. 37+00

MATCH LINE STA. 40+00

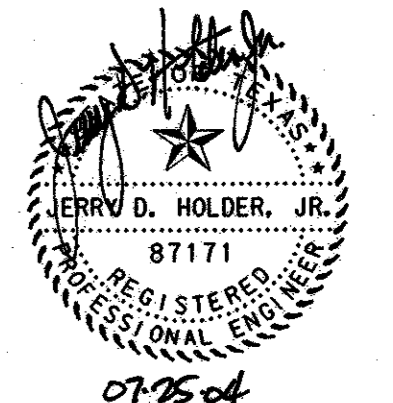
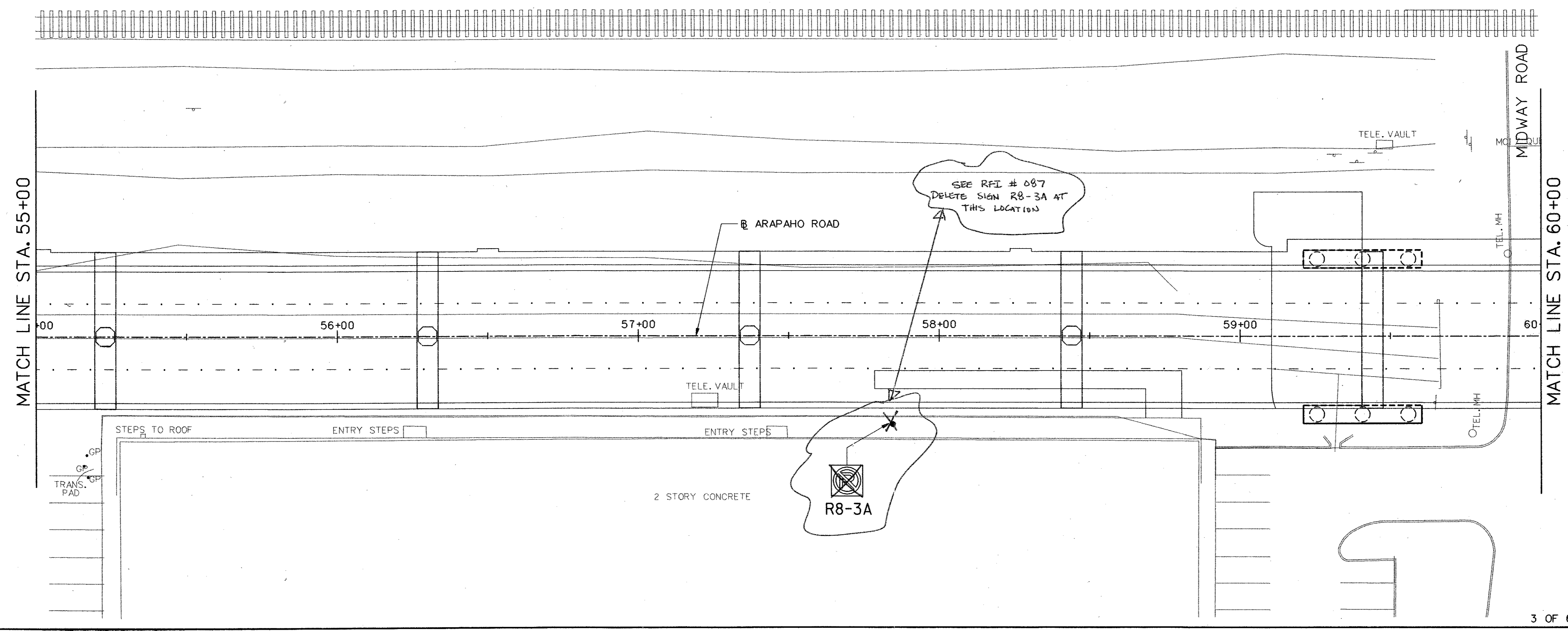
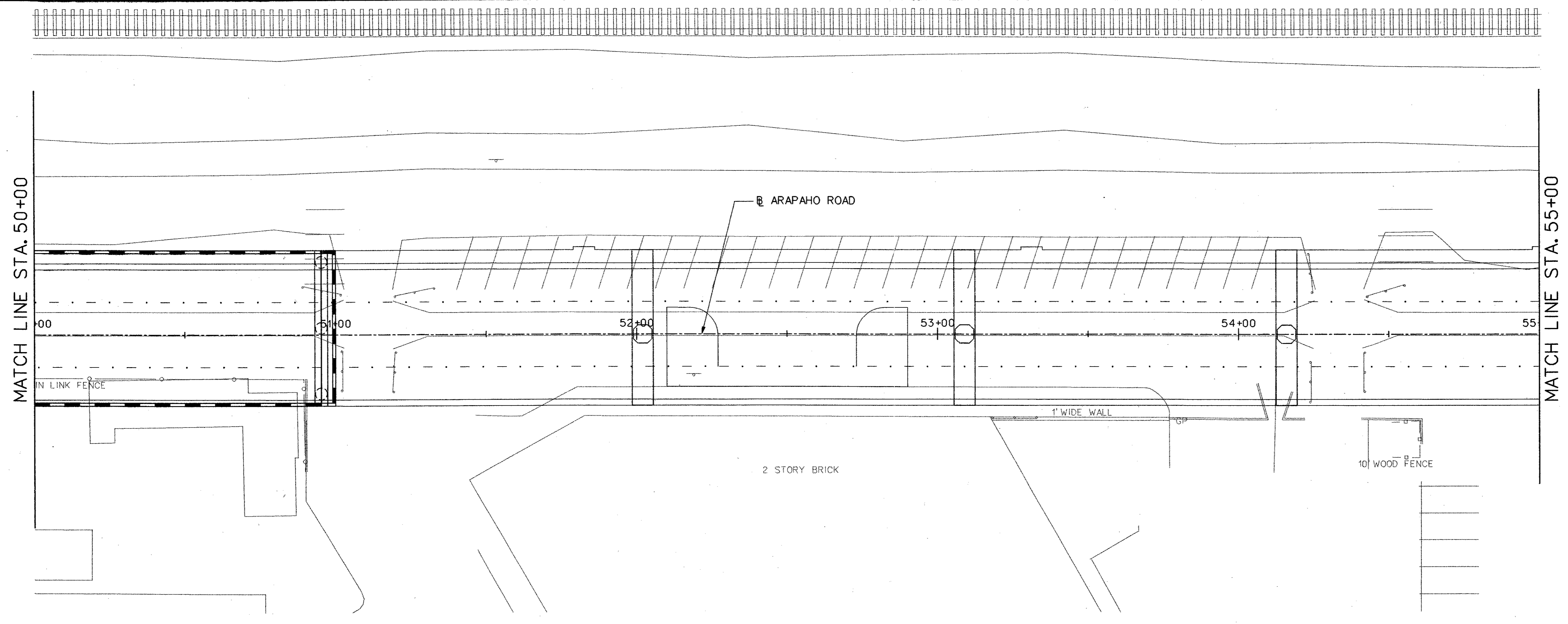
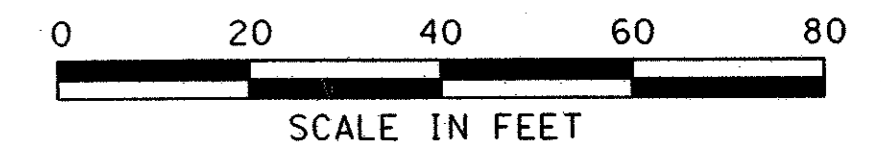


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NO.	DATE	REVISION	APPROV.					
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies								
<b>ARAPAHO ROAD - PHASE III</b>								
SURVEYOR BOULEVARD TO ADDISON ROAD								
SIGNING PLAN								
STA 34+07.75 TO STA 40+00								
TOWN OF ADDISON, TEXAS								
Design	JSN	Drawn	GFS	DATE	SCALE	PROJECT NO.	SHEET NO.	
Check	JDH	Check	JSN	APRIL 04	1" = 20'	25768	S-1	



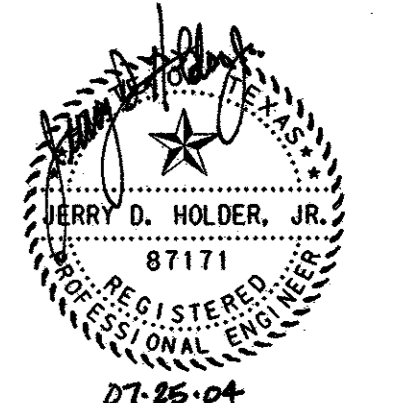
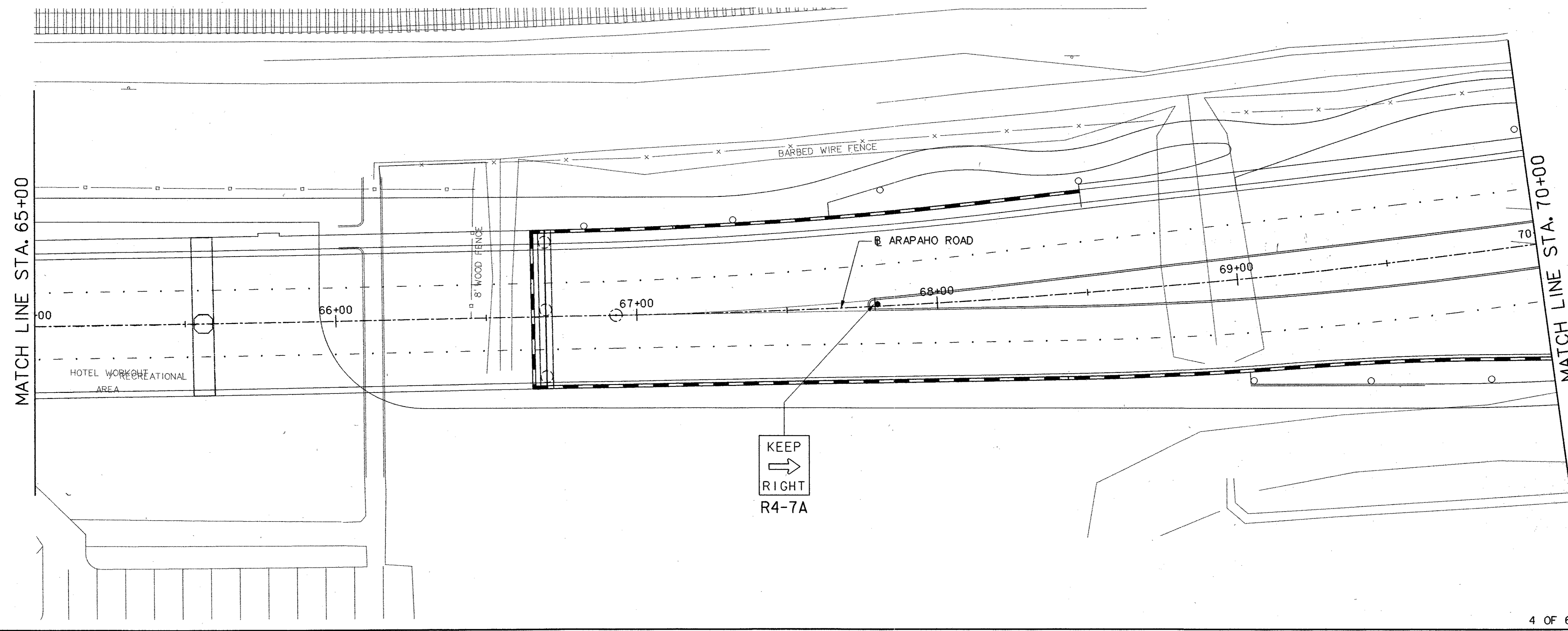
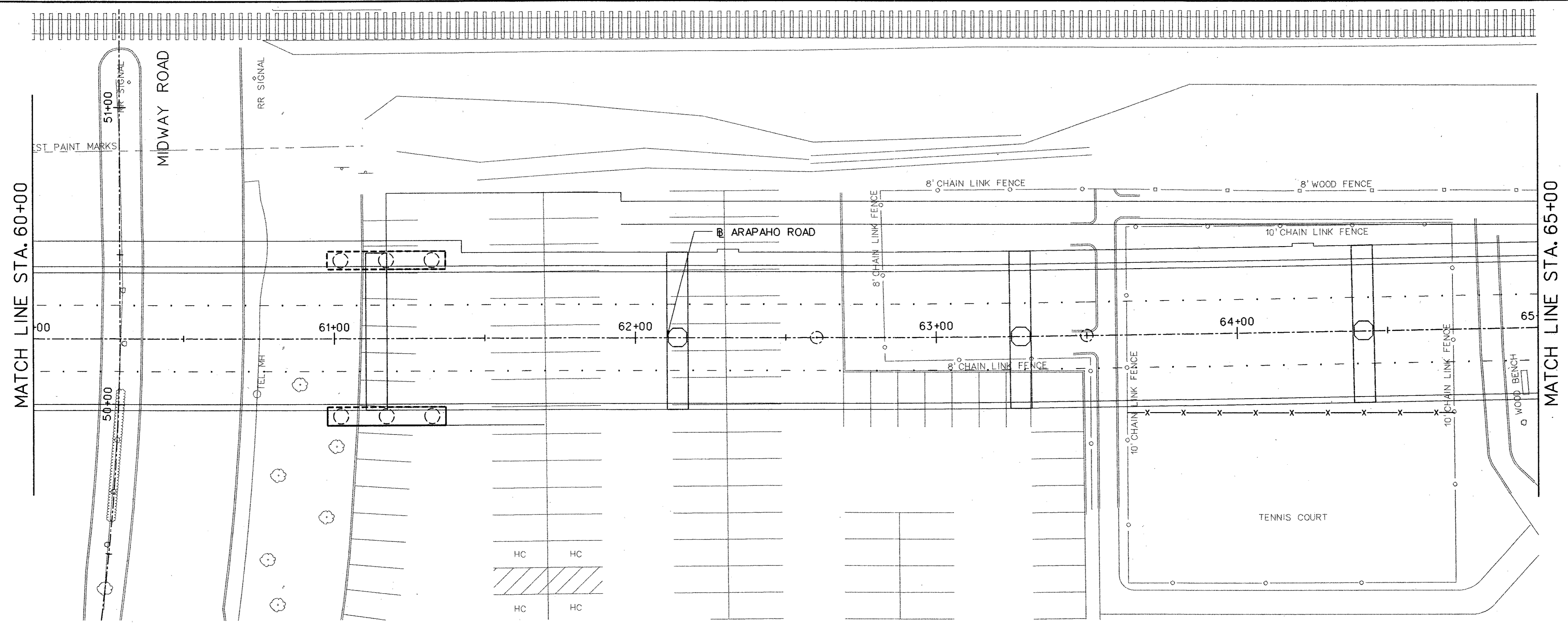
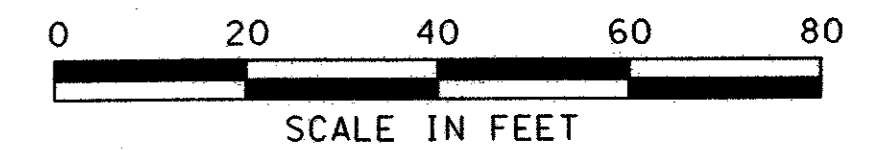
NO.		DATE	REVISION	APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies <b>ARAPAHO ROAD - PHASE III</b> SURVEYOR BOULEVARD TO ADDISON ROAD SIGNING PLAN STA 40+00 TO STA 50+00 TOWN OF ADDISON, TEXAS				
Design	JSN	Drawn	GFS	DATE
Check	JDH	Check	JSN	APRIL 04
SCALE	PROJECT NO.	SHEET NO.		
1" = 20'	25768	S-2		

29-JUN-2004 12:37  
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						68
NO.	DATE	REVISION	APPROV.			
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS <i>The HNTB Companies</i>						
<b>ARAPAHO ROAD - PHASE III</b>						
SURVEYOR BOULEVARD TO ADDISON ROAD						
SIGNING PLAN						
STA 50+00 TO STA 60+00						
TOWN OF ADDISON, TEXAS						
Design	JSN	Drawn	GFS	DATE	SCALE	PROJECT NO. SHEET NO.
Check	JDH	Check	JSN	APRIL 04	1" = 20'	25768 S-3

29-JUN-2004 12:37  
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07-26-04

69

NO.	DATE	REVISION	APPROV.

**HNTB** ARCHITECTS ENGINEERS PLANNERS  
The HNTB Companies

**ARAPAHO ROAD - PHASE III**

SURVEYOR BOULEVARD TO ADDISON ROAD

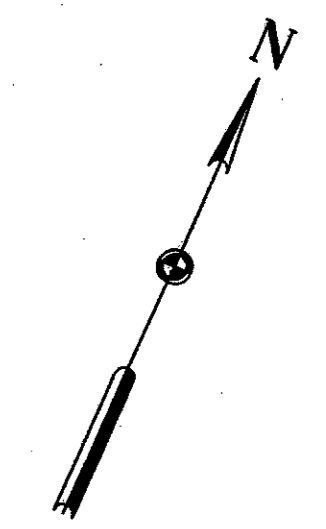
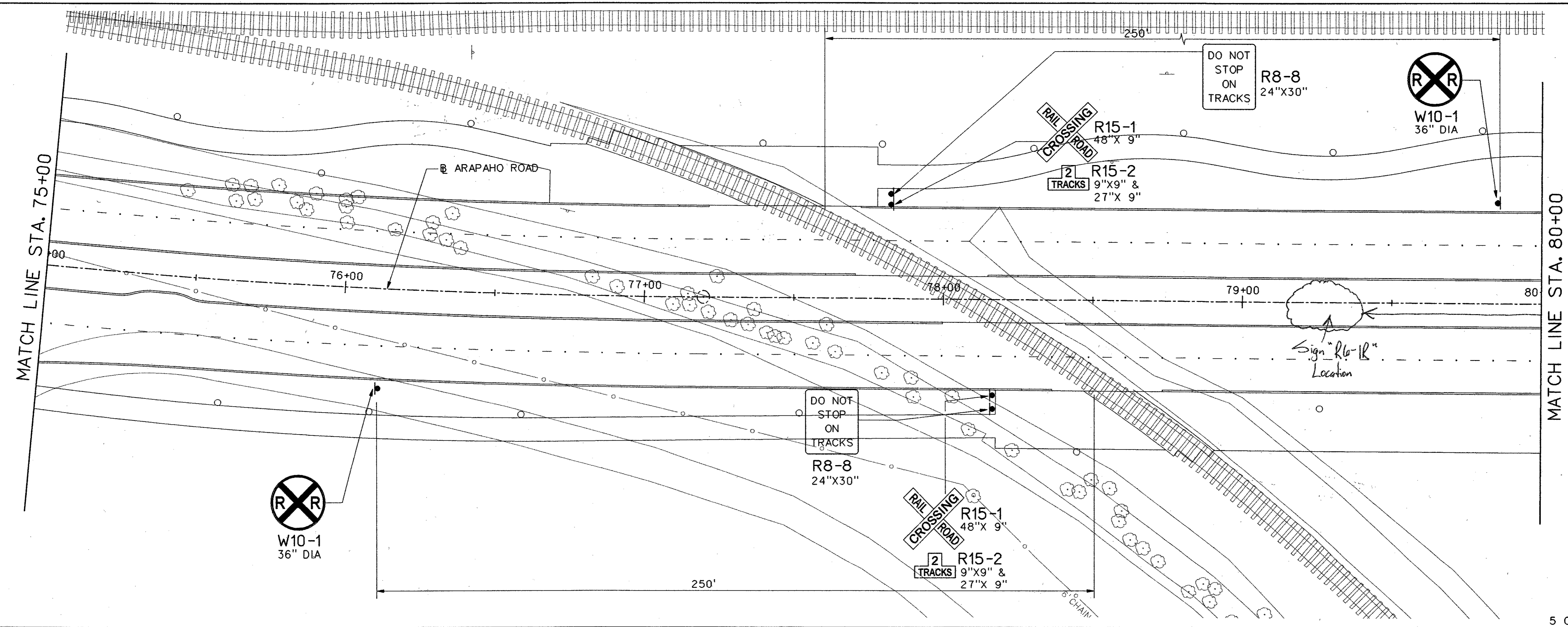
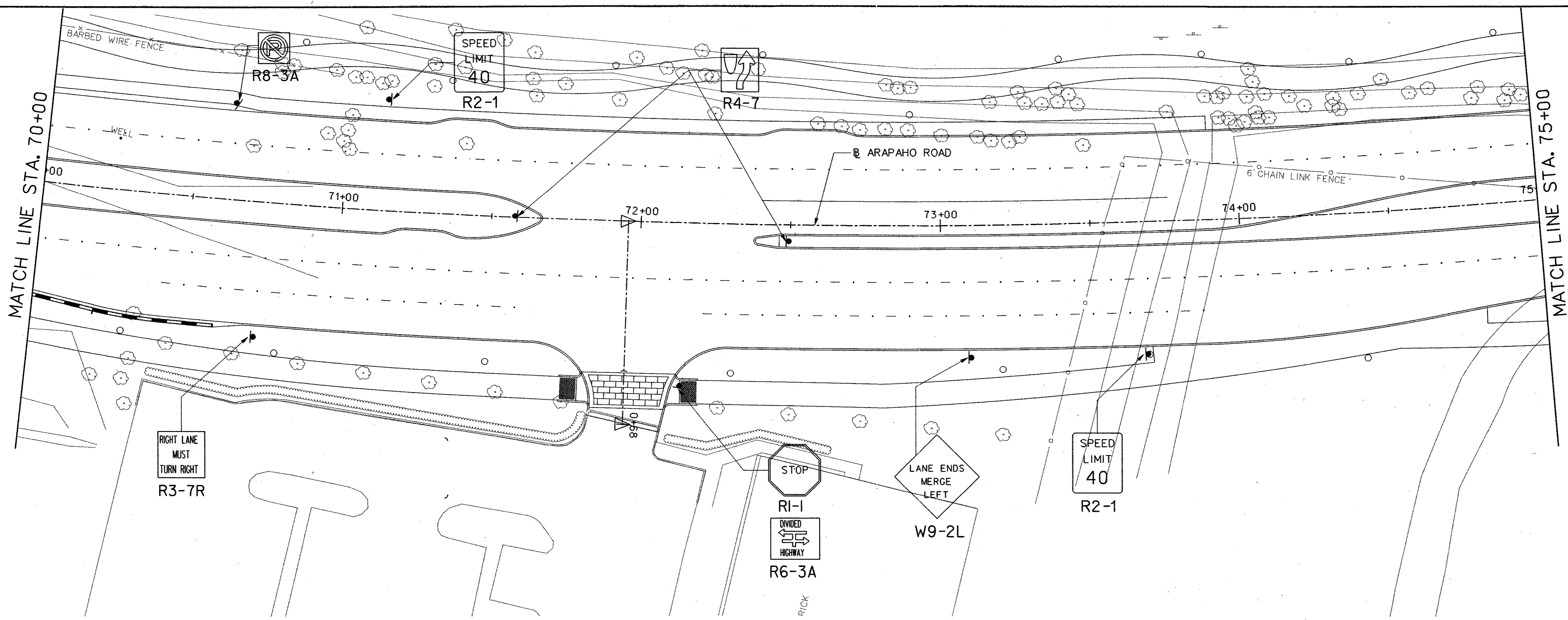
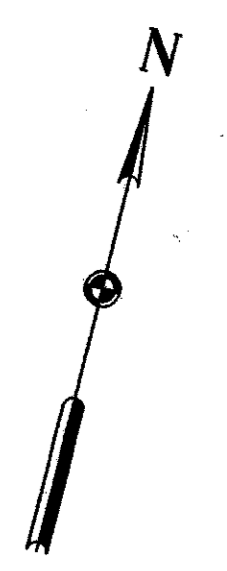
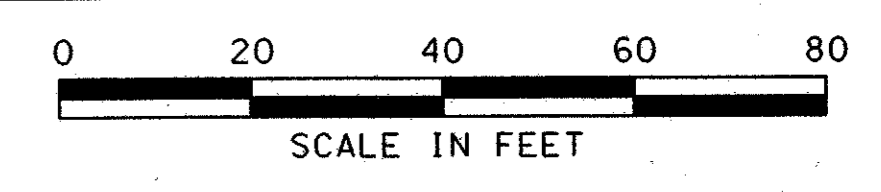
SIGNING PLAN

STA 60+00 TO STA 70+00

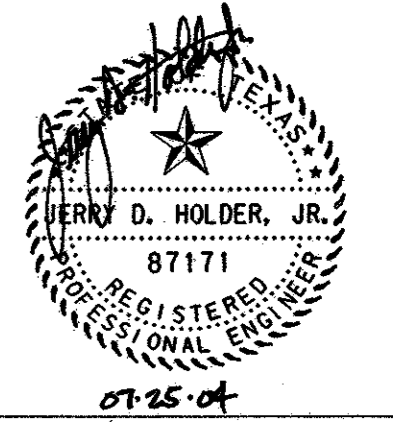
TOWN OF ADDISON, TEXAS

Design	Drawn	DATE	SCALE	PROJECT NO.	SHEET NO.
JSN	GFS	APRIL 04	1" = 20'	25768	S-4



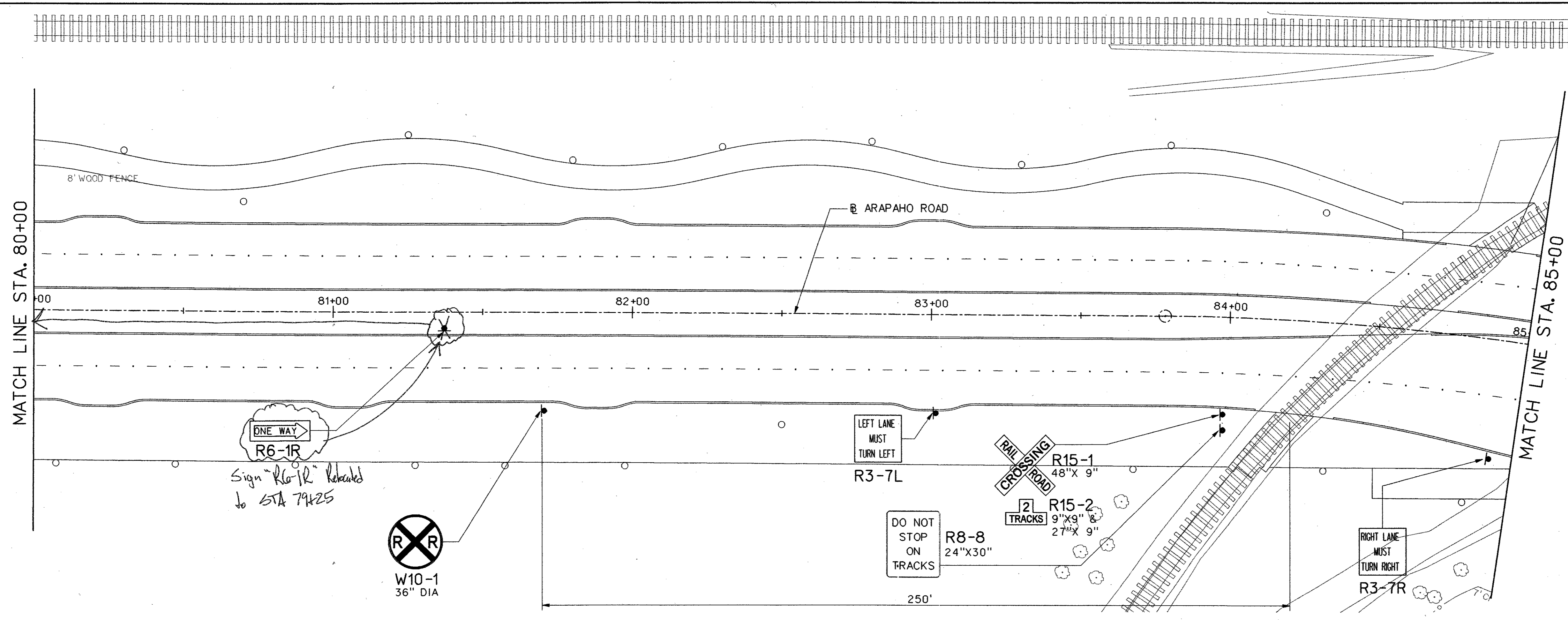
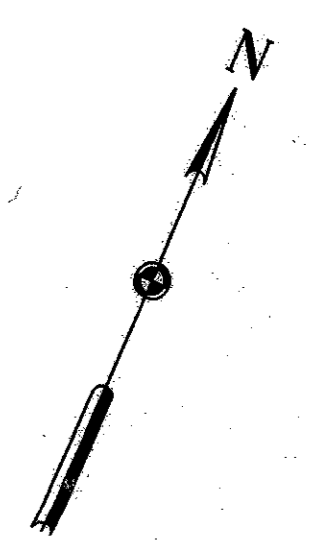
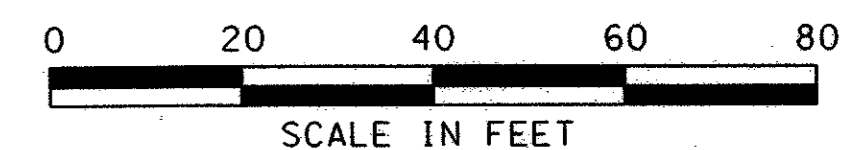


NOTE:  
NO SIGNS TO BE RELOCATED  
WITHIN 12 FEET OF RAILROAD CENTERLINE.

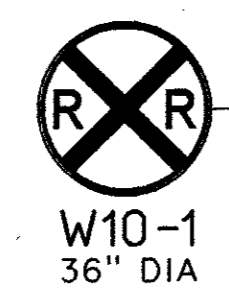


NO.		DATE	REVISION	APPROV.	70
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies					
<b>ARAPAHO ROAD - PHASE III</b>					
SURVEYOR BOULEVARD TO ADDISON ROAD					
SIGNING PLAN					
STA 70+00 TO STA 80+00					
TOWN OF ADDISON, TEXAS					
Design	JSN	Drawn	GFS	DATE	SCALE
Check	JDH	Check	JSN	APRIL 04	1" = 20'
PROJECT NO.	25768		SHEET NO.	S-5	

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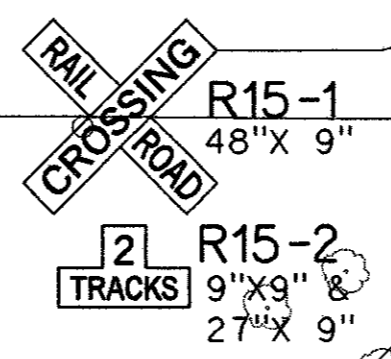


Sign "R6-1R" Relocated to STA 79+25

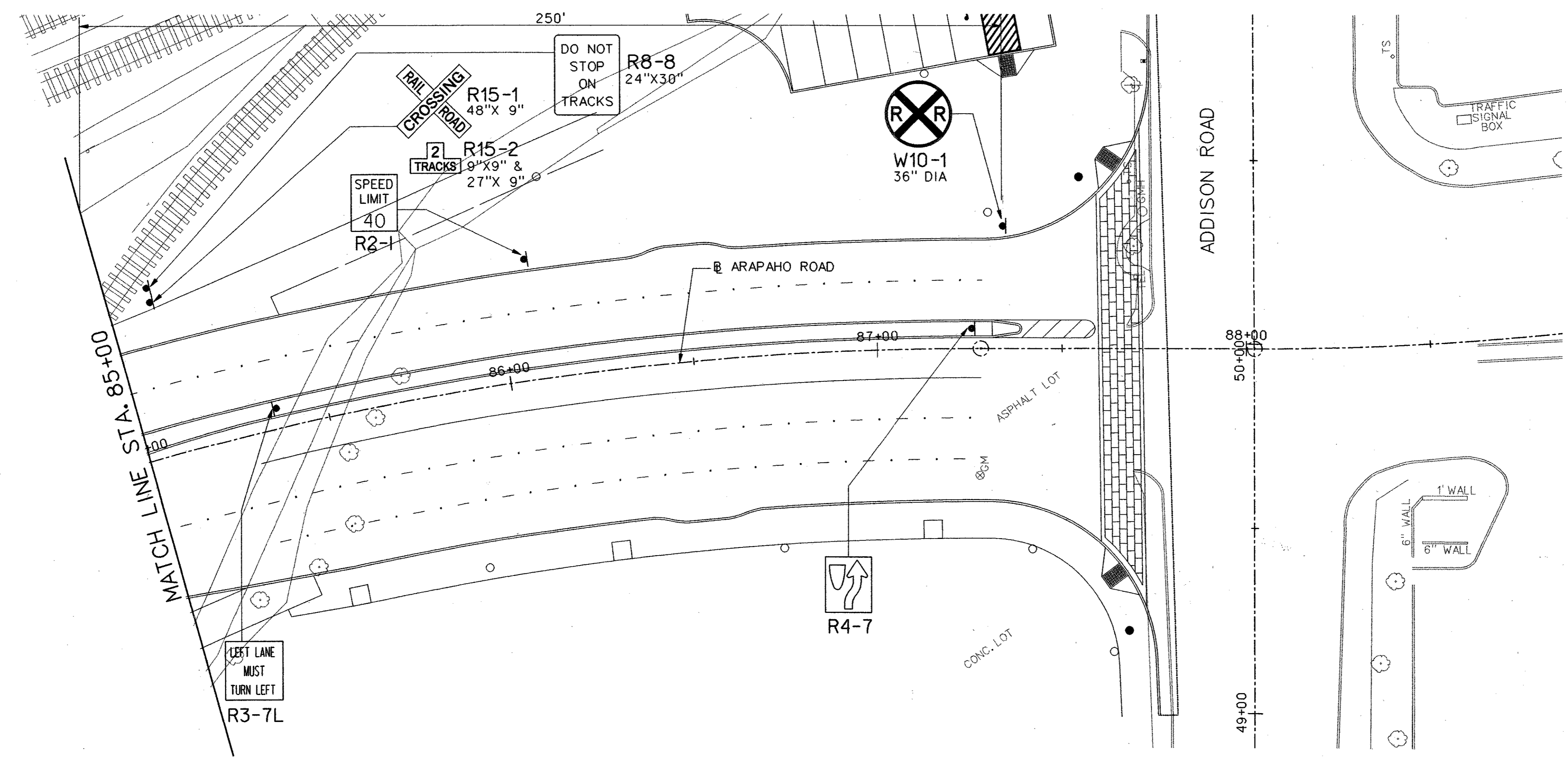


LEFT LANE MUST TURN LEFT  
R3-7L

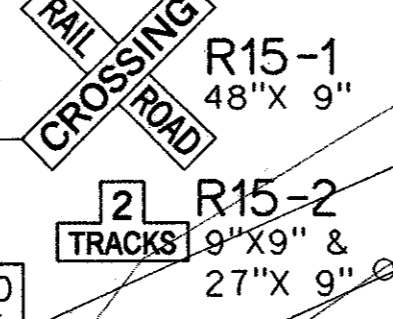
DO NOT STOP ON TRACKS  
R8-8  
24" X 30"



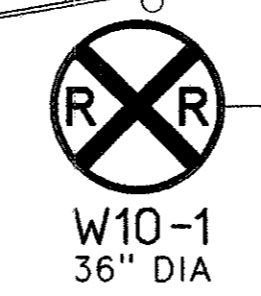
RIGHT LANE MUST TURN RIGHT  
R3-7R



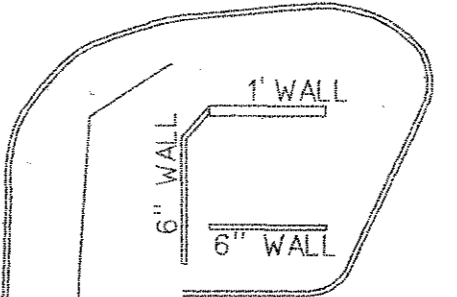
SPEED LIMIT 40  
R2-1



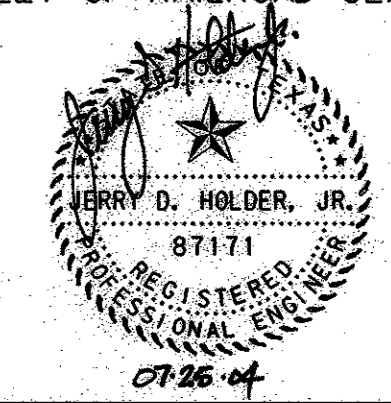
DO NOT STOP ON TRACKS  
R8-8  
24" X 30"



LEFT LANE MUST TURN LEFT  
R3-7L



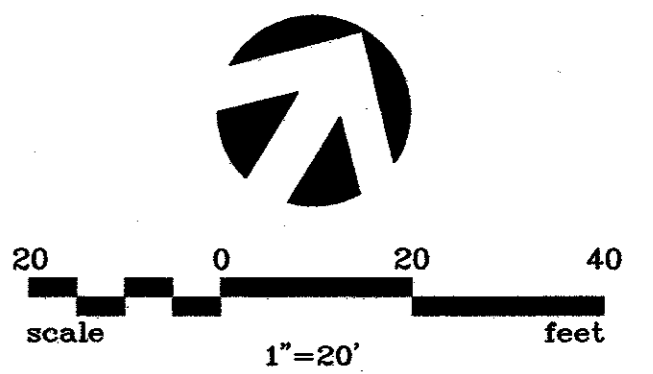
NOTE:  
NO SIGNS TO BE RELOCATED WITHIN 12 FEET OF RAILROAD CENTERLINE.



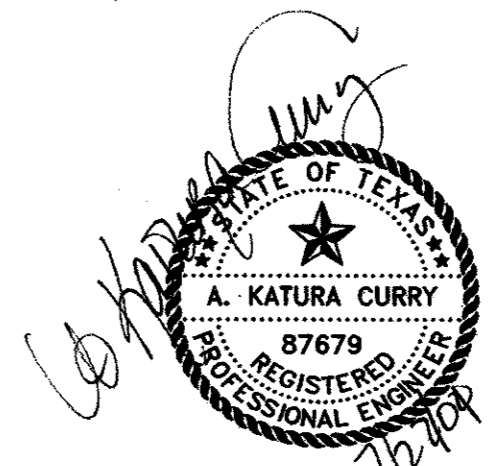
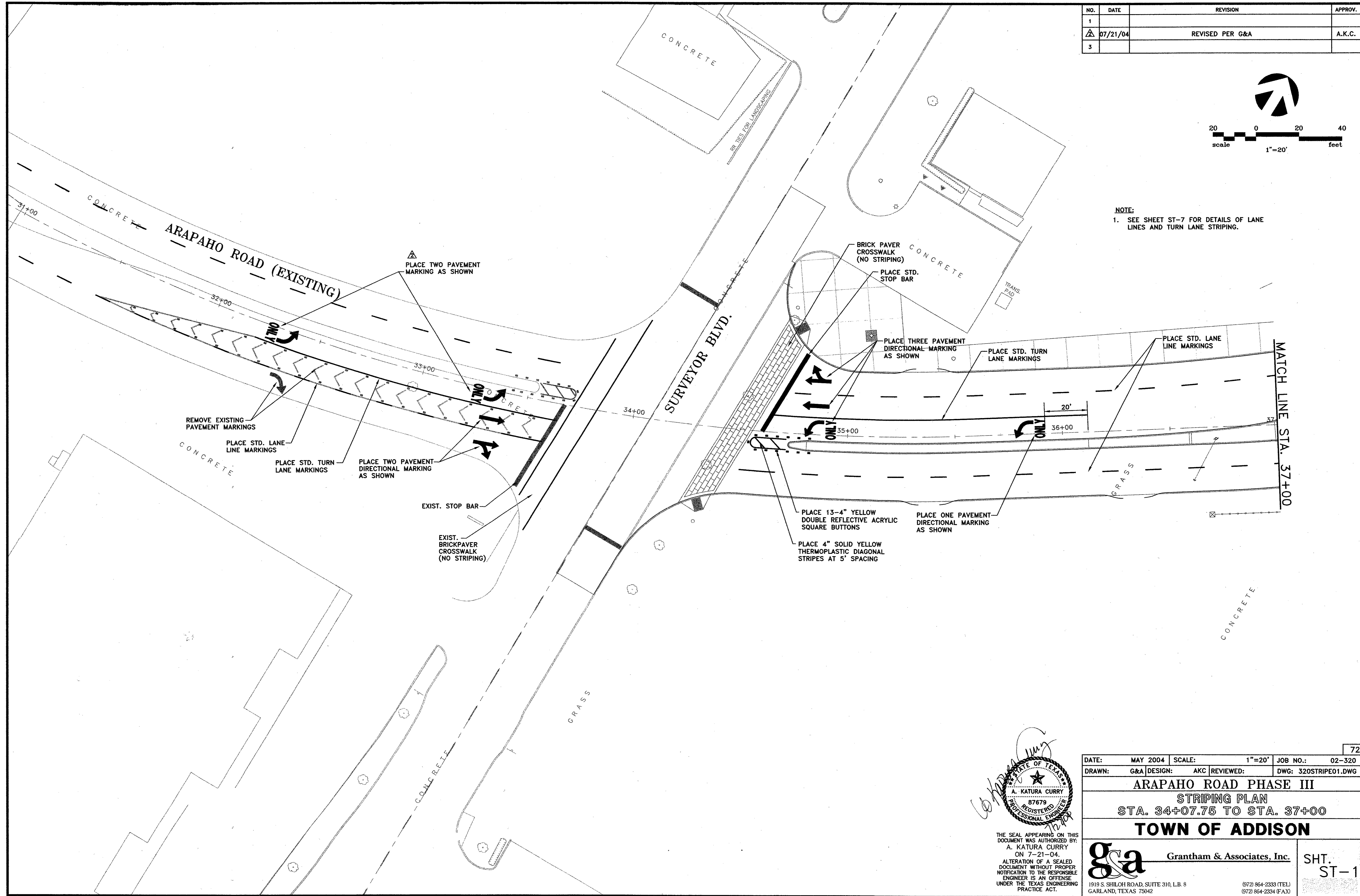
NO.	DATE	REVISION	APPROV.
<b>HNTB</b> ARCHITECTS ENGINEERS PLANNERS The HNTB Companies			71
<b>ARAPAHO ROAD - PHASE III</b> SURVEYOR BOULEVARD TO ADDISON ROAD SIGNING PLAN STA 80+00 TO STA 87+88 TOWN OF ADDISON, TEXAS			
Design	JSN	Drawn	GFS
DATE	APRIL 04	SCALE	1" = 20'
PROJECT NO.	25768	SHEET NO.	S-6
Check	JDH	Check	JSN

28-JUN-2004 12:38  
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NO.	DATE	REVISION	APPROV.
1			
2	07/21/04	REVISED PER G&A	A.K.C.
3			



**NOTE:**  
1. SEE SHEET ST-7 FOR DETAILS OF LANE LINES AND TURN LANE STRIPING.



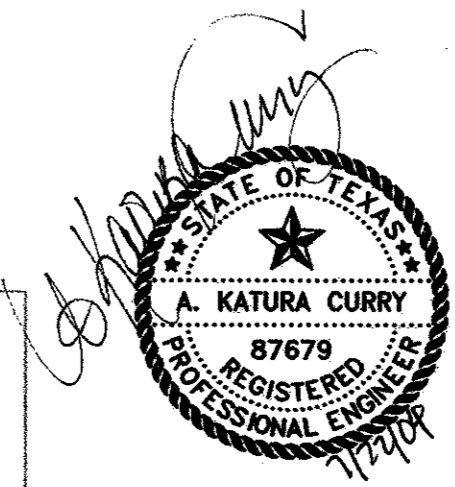
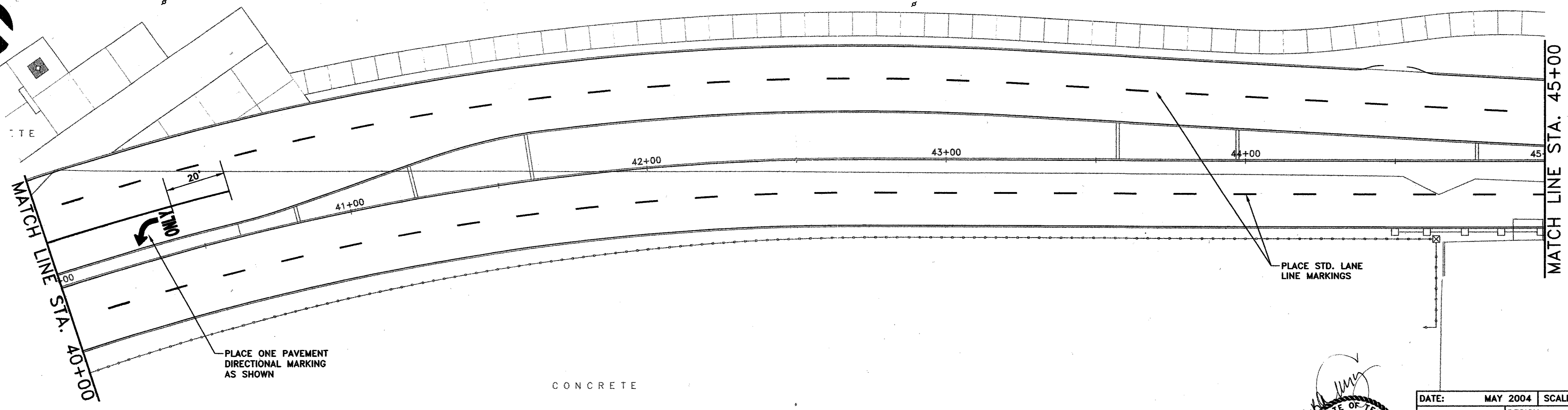
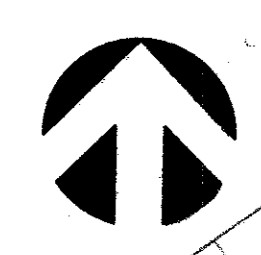
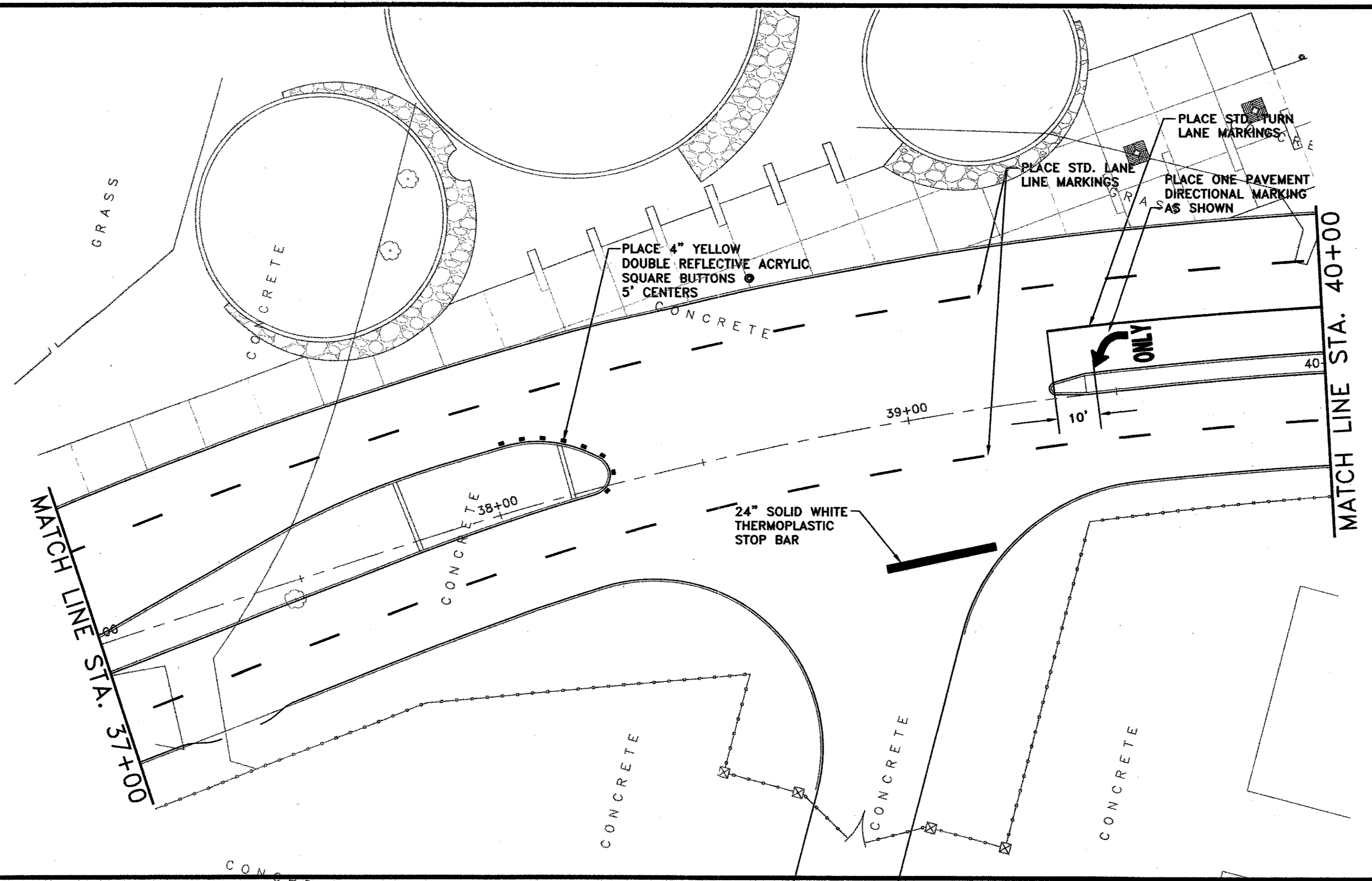
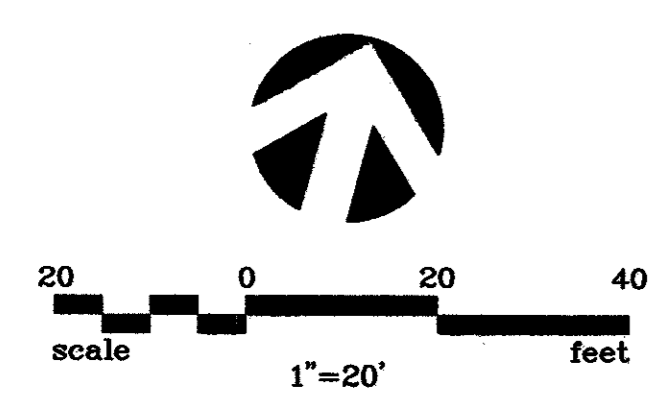
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY:  
A. KATURA CURRY  
ON 7-21-04.  
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

DATE:	MAY 2004	SCALE:	1"=20'	JOB NO.:	02-320
DRAWN:	G&A	DESIGN:	AKC	REVIEWED:	DWG: 320STRPE01.DWG
<b>ARAPAHO ROAD PHASE III</b>					
<b>STRIPING PLAN</b>					
<b>STA. 34+07.75 TO STA. 37+00</b>					
<b>TOWN OF ADDISON</b>					
<b>g&amp;a Grantham &amp; Associates, Inc.</b>					<b>SHT. ST-1</b>
1919 S. SHILOH ROAD, SUITE 310, L.B. 8 GARLAND, TEXAS 75042				(972) 864-2333 (TEL) (972) 864-2334 (FAX)	

72

NO.	DATE	REVISION	APPROV.
1			
2			
3			

**NOTE:**  
1. SEE SHEET ST-7 FOR DETAILS OF LANE LINES AND TURN LANE STRIPING.



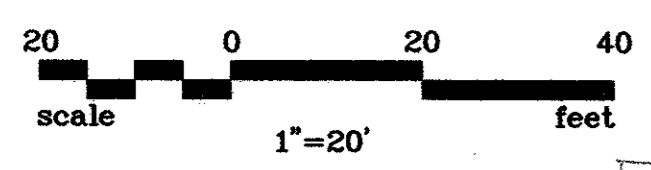
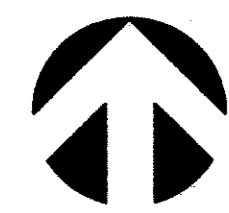
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY:  
A. KATURA CURRY  
ON 7-21-04.  
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

DATE:	MAY 2004	SCALE:	1"=20'	JOB NO.:	02-320
DRAWN:	G&A	DESIGN:	AKC	REVIEWED:	DWG: 320STRPE01.DWG

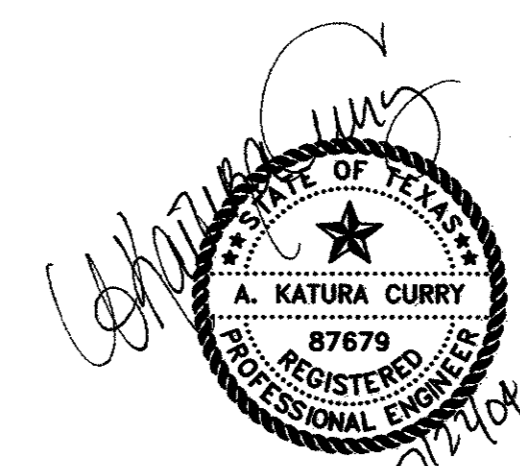
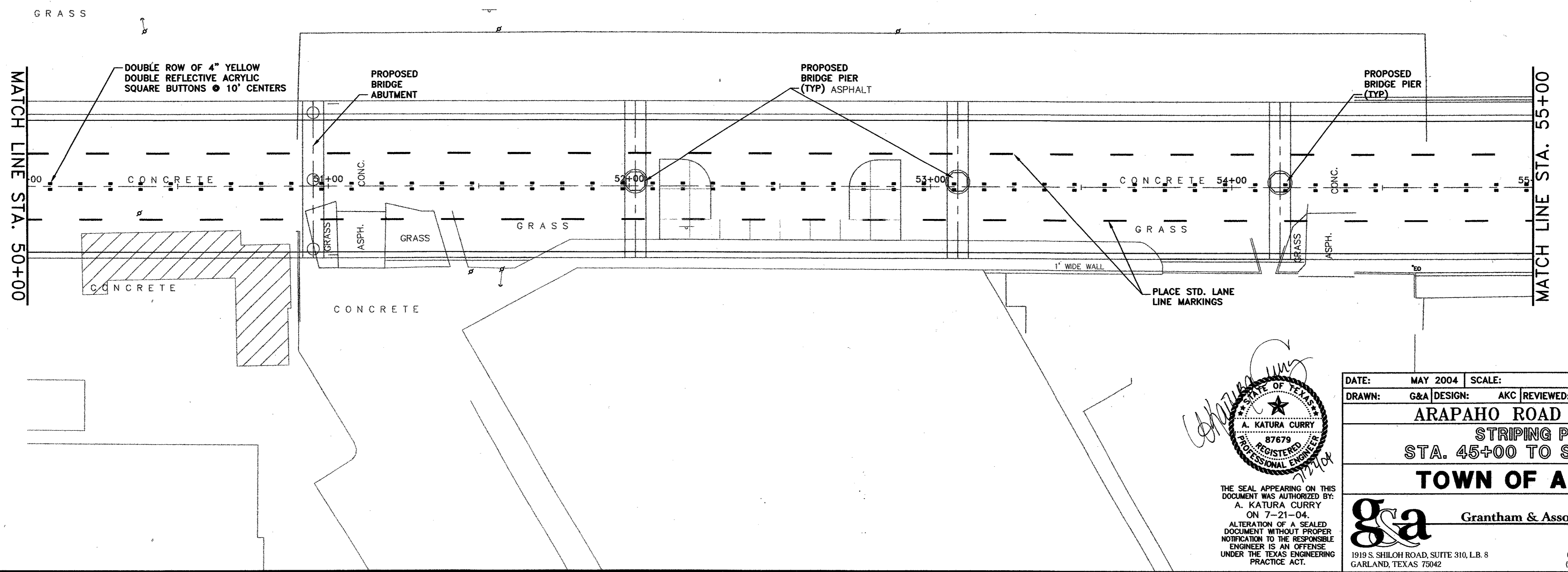
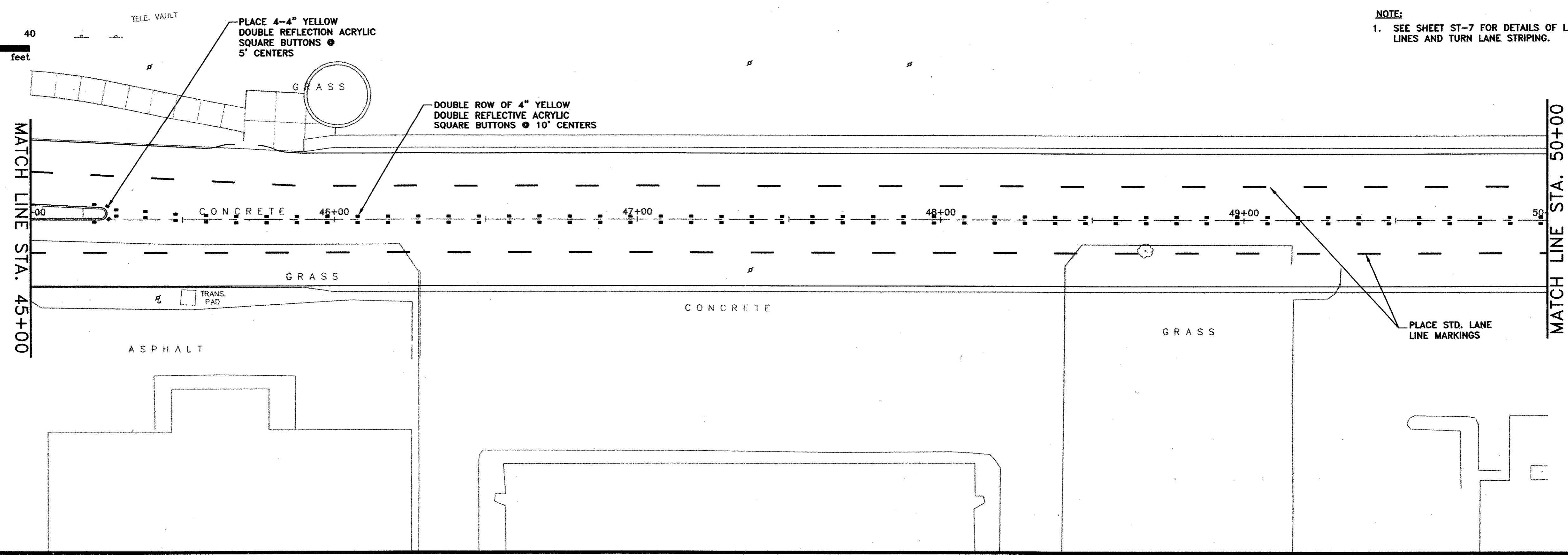
**ARAPAHO ROAD PHASE III  
STRIPING PLAN  
STA. 37+00 TO STA. 45+00  
TOWN OF ADDISON**

	<b>Grantham &amp; Associates, Inc.</b> 1919 S. SHILOH ROAD, SUITE 310, L.B. 8 GARLAND, TEXAS 75042	SHT. ST-2
	(972) 864-2333 (TEL) (972) 864-2334 (FAX)	

NO.	DATE	REVISION	APPROV.
1			
2			
3			



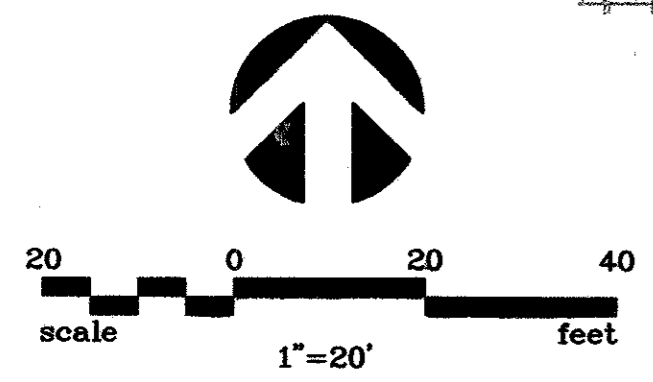
**NOTE:**  
1. SEE SHEET ST-7 FOR DETAILS OF LANE LINES AND TURN LANE STRIPING.



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY:  
A. KATURA CURRY  
ON 7-21-04.  
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

DATE:	MAY 2004	SCALE:	1"=20'	JOB NO.:	02-320
DRAWN:	G&A	DESIGN:	AKC	REVIEWED:	DWG: 320STRIP01.DWG
<b>ARAPAHO ROAD PHASE III</b>					
<b>STRIPING PLAN</b>					
<b>STA. 45+00 TO STA. 55+00</b>					
<b>TOWN OF ADDISON</b>					
<b>g&amp;a</b> Grantham & Associates, Inc.					SHT. ST-3
1919 S. SHILOH ROAD, SUITE 310, L.B. 8 GARLAND, TEXAS 75042				(972) 864-2333 (TEL) (972) 864-2334 (FAX)	

NO.	DATE	REVISION	APPROV.
1			
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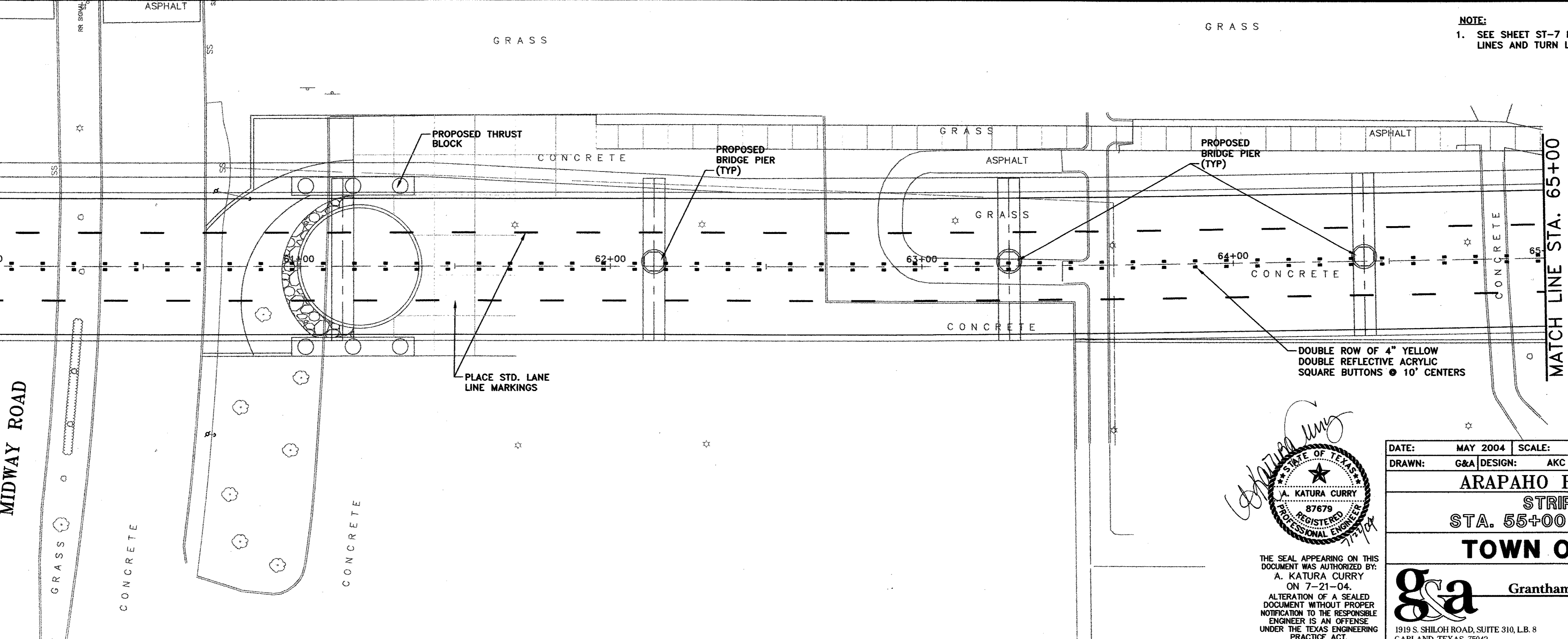
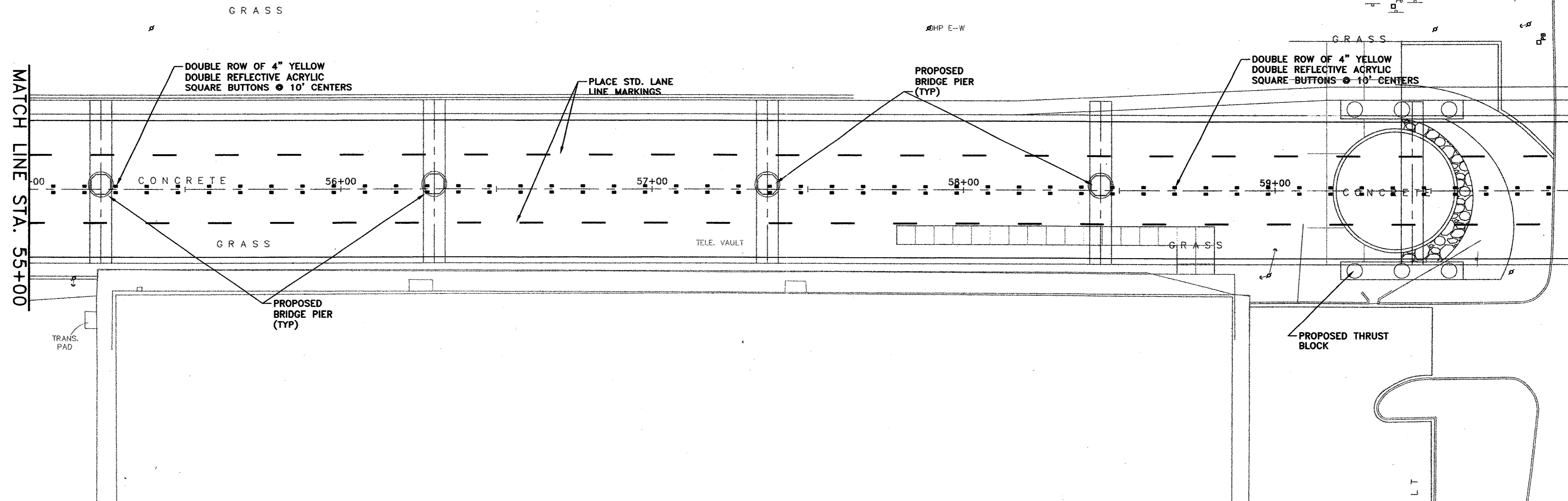
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MIDWAY ROAD

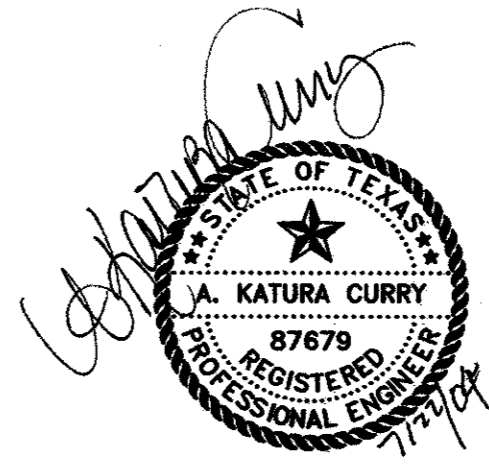
MATCH LINE STA. 60+00

MATCH LINE STA. 60+00

MATCH LINE STA. 65+00



**NOTE:**  
1. SEE SHEET ST-7 FOR DETAILS OF LANE LINES AND TURN LANE STRIPING.

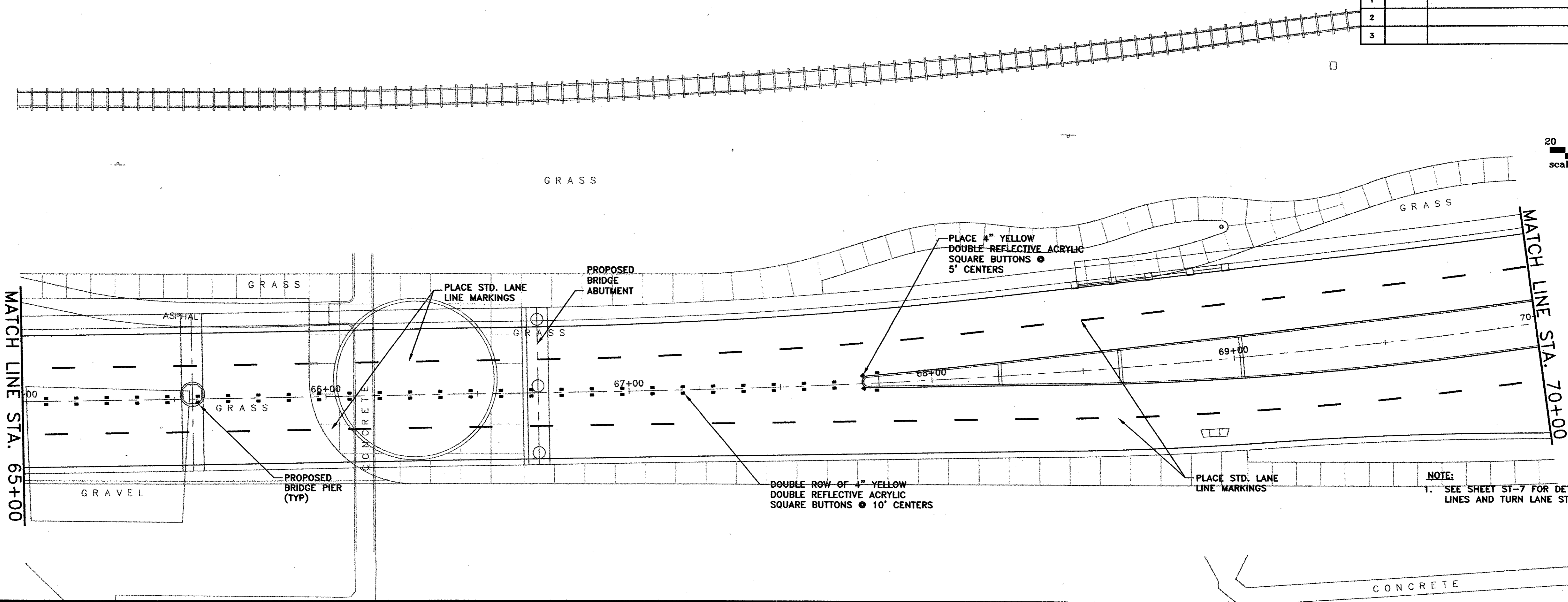
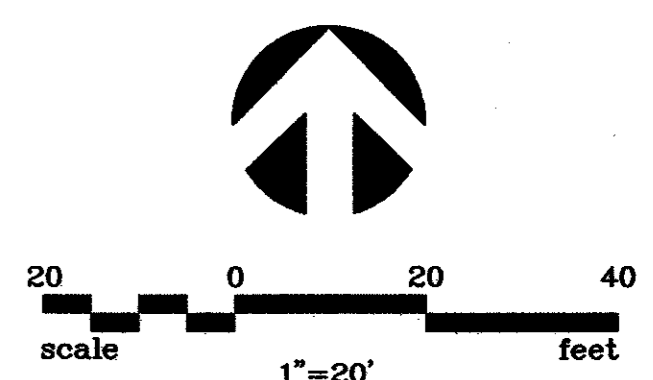


THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY:  
A. KATURA CURRY  
ON 7-21-04.  
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

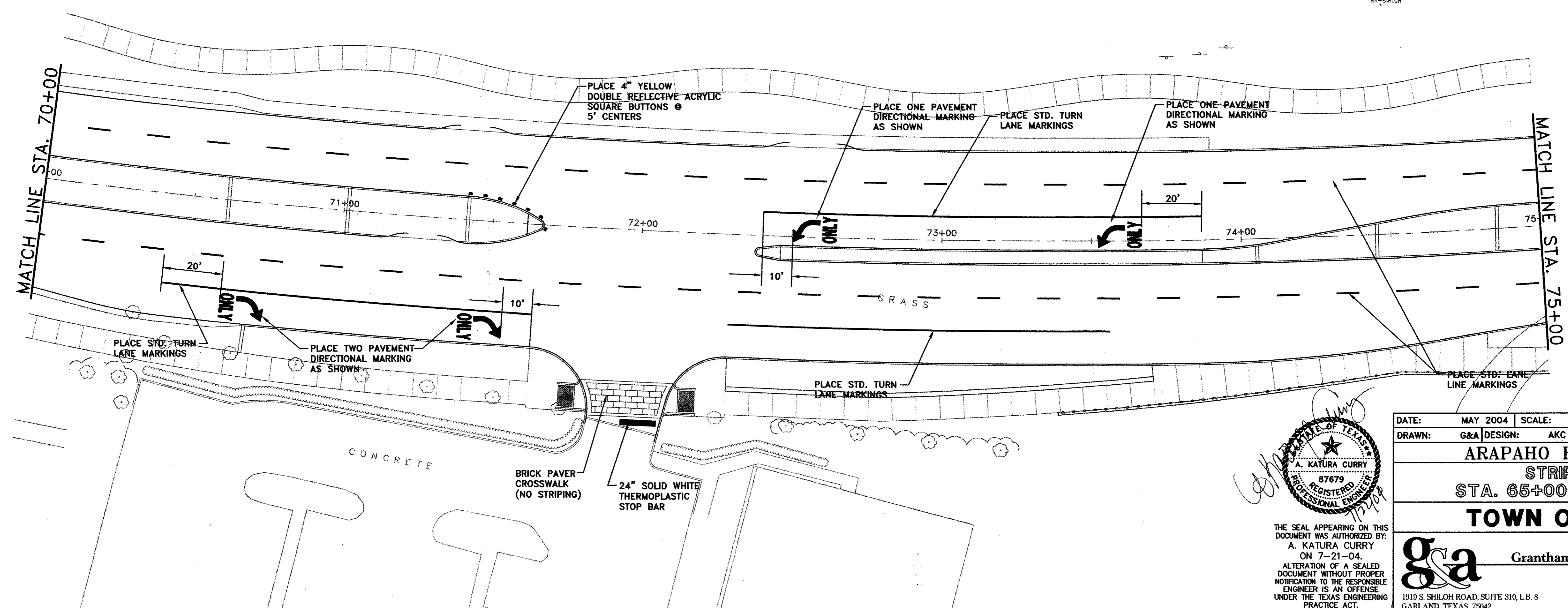
DATE:	MAY 2004	SCALE:	1"=20'	JOB NO.:	02-320
DRAWN:	G&A	DESIGN:	AKC	REVIEWED:	DWG: 320STRPE01.DWG
<b>ARAPAHO ROAD PHASE III</b>					
<b>STRIPING PLAN</b>					
<b>STA. 55+00 TO STA. 65+00</b>					
<b>TOWN OF ADDISON</b>					
<b>g&amp;a</b> Grantham & Associates, Inc.				SHT. ST-4	
1919 S. SHILOH ROAD, SUITE 310, L.B. 8 GARLAND, TEXAS 75042				(972) 864-2333 (TEL) (972) 864-2334 (FAX)	

75

NO.	DATE	REVISION	APPROV.
1			
2			
3			



**NOTE:**  
1. SEE SHEET ST-7 FOR DETAILS OF LANE LINES AND TURN LANE STRIPING.



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY:  
A. KATURA CURRY  
ON 7-21-04.  
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

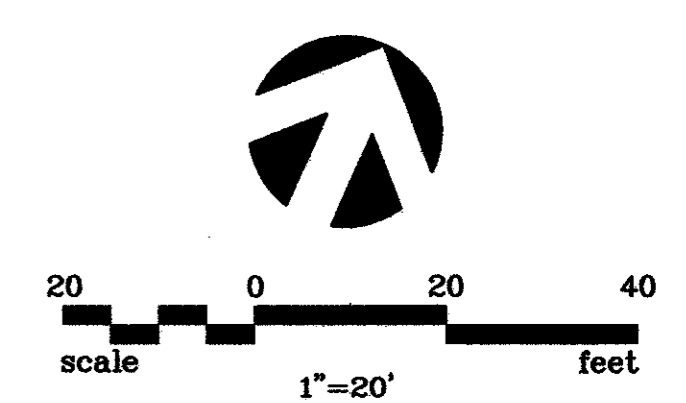
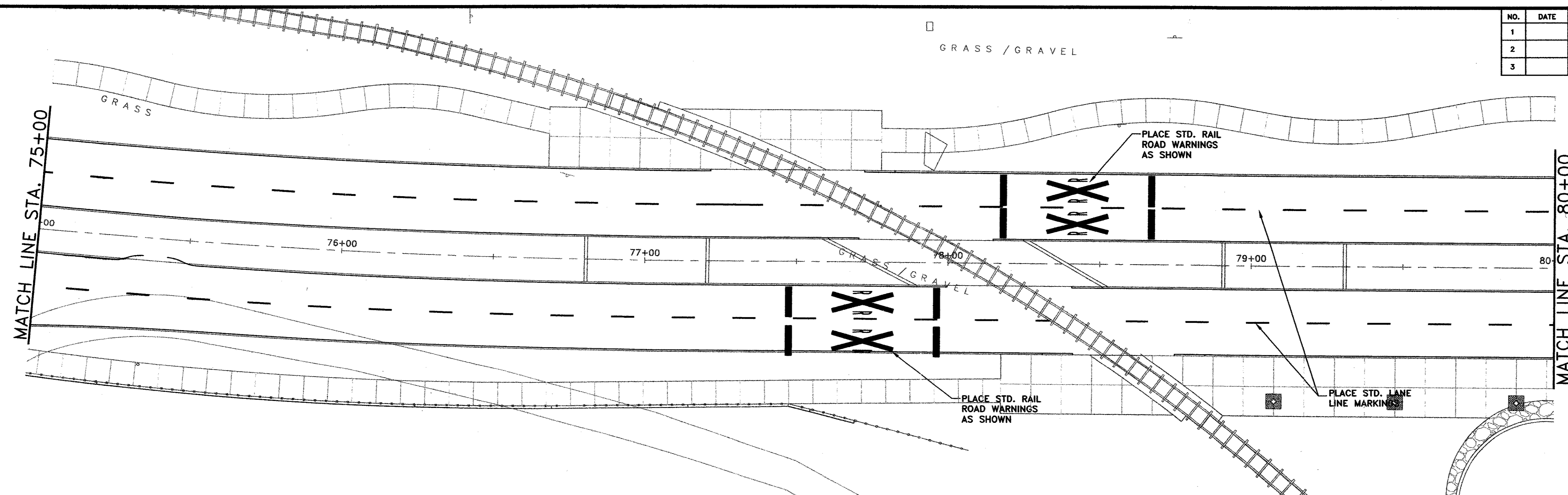
DATE:	MAY 2004	SCALE:	1"=20'	JOB NO.:	02-320
DRAWN:	G&A	DESIGN:	AKC	REVIEWED:	DWG: 320STRPE01.DWG

**ARAPAHO ROAD PHASE III  
STRIPING PLAN  
STA. 65+00 TO STA. 75+00  
TOWN OF ADDISON**

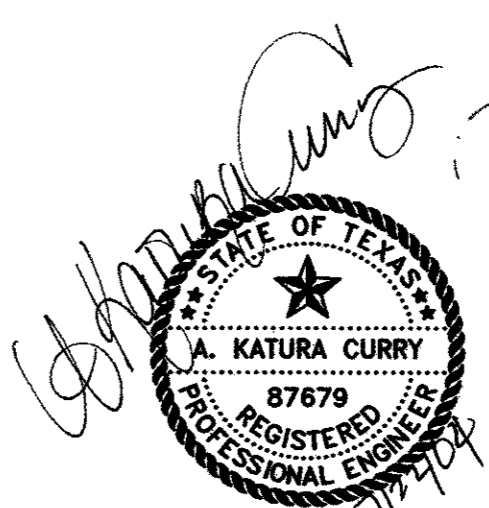
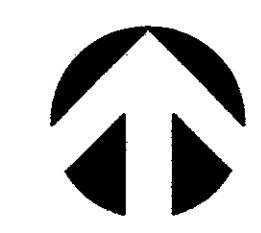
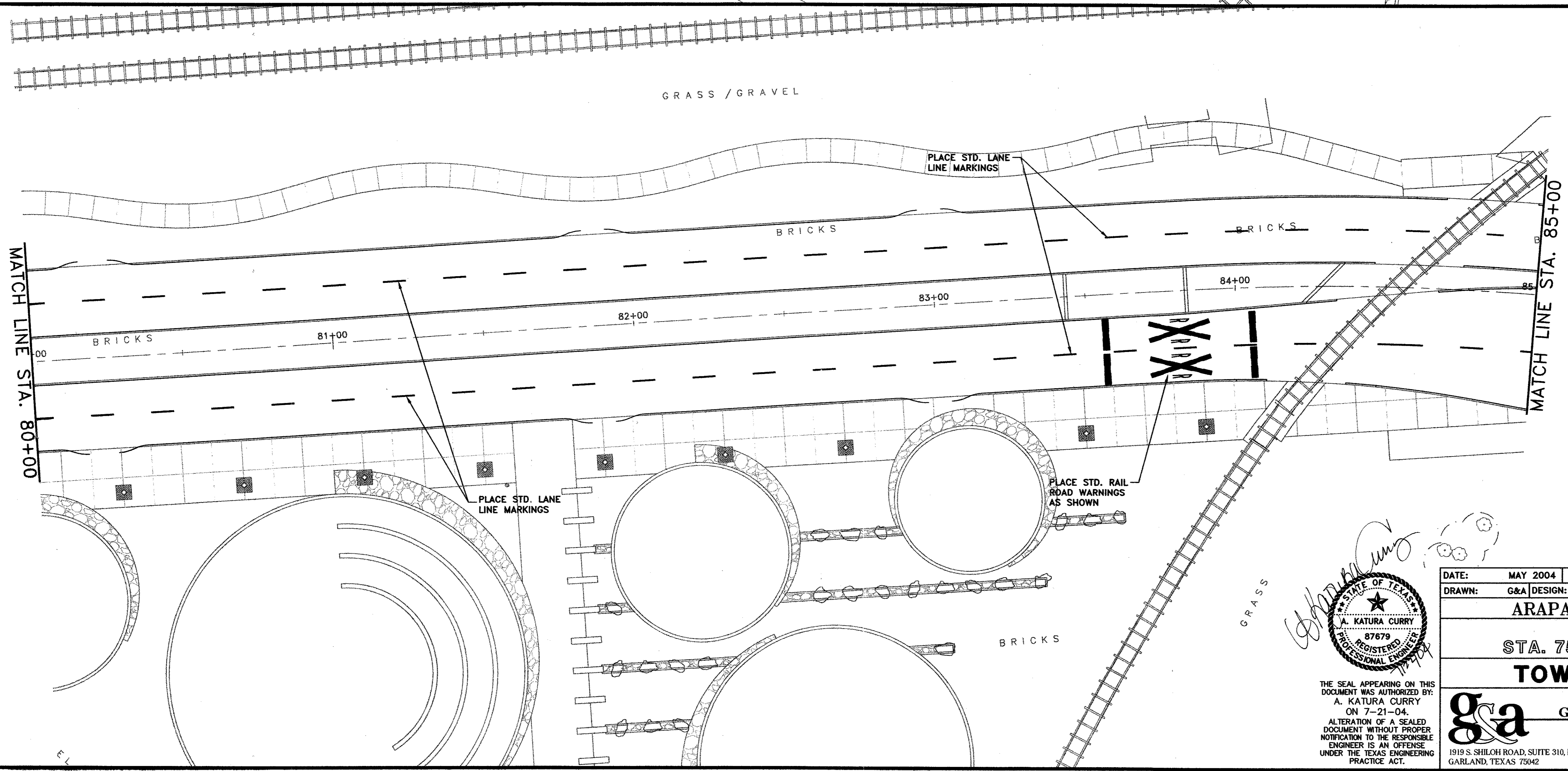
**g&a** Grantham & Associates, Inc. **SHT. ST-5**

1919 S. SHILOH ROAD, SUITE 310, L.B. 8 GARLAND, TEXAS 75042 (972) 864-2333 (TEL) (972) 864-2334 (FAX)

NO.	DATE	REVISION	APPROV.
1			
2			
3			



NOTE:  
1. SEE SHEET ST-7 FOR DETAILS OF LANE LINES AND TURN LANE STRIPING.

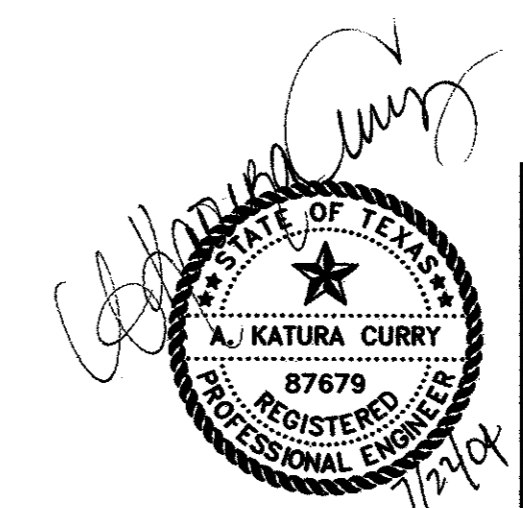
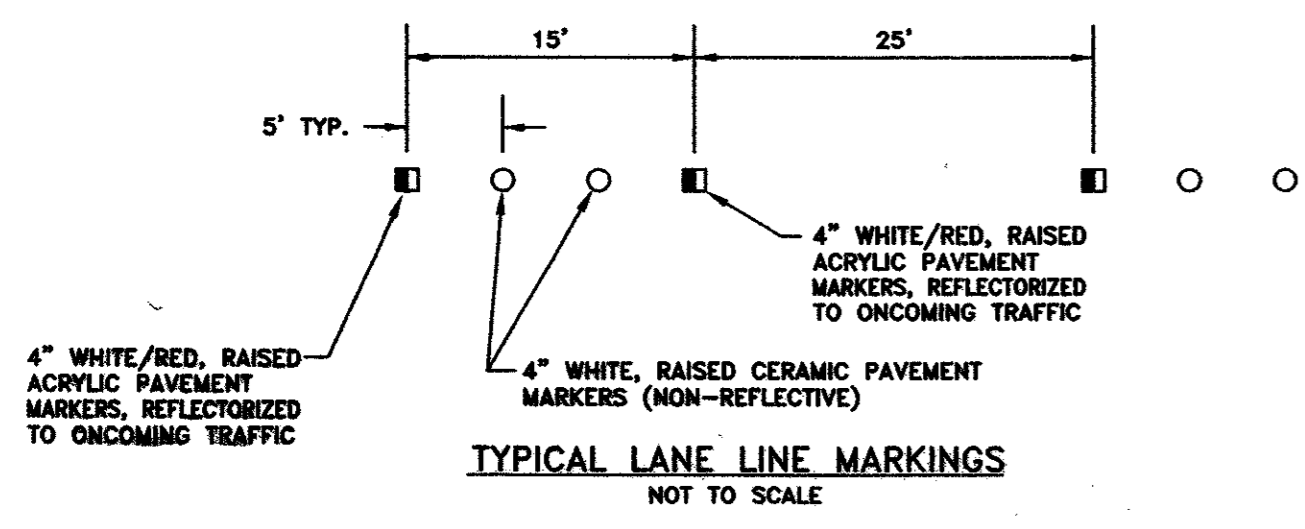
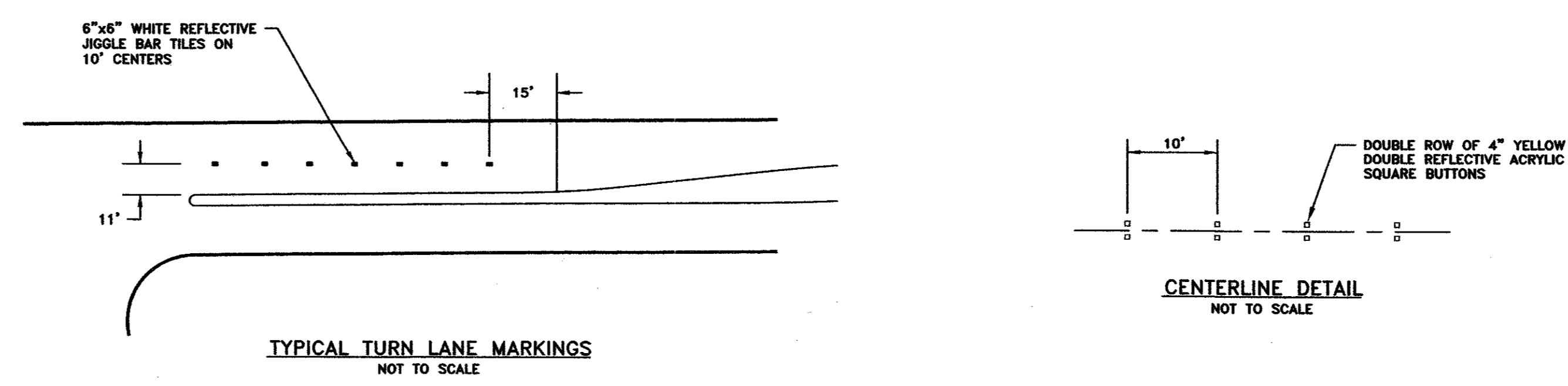
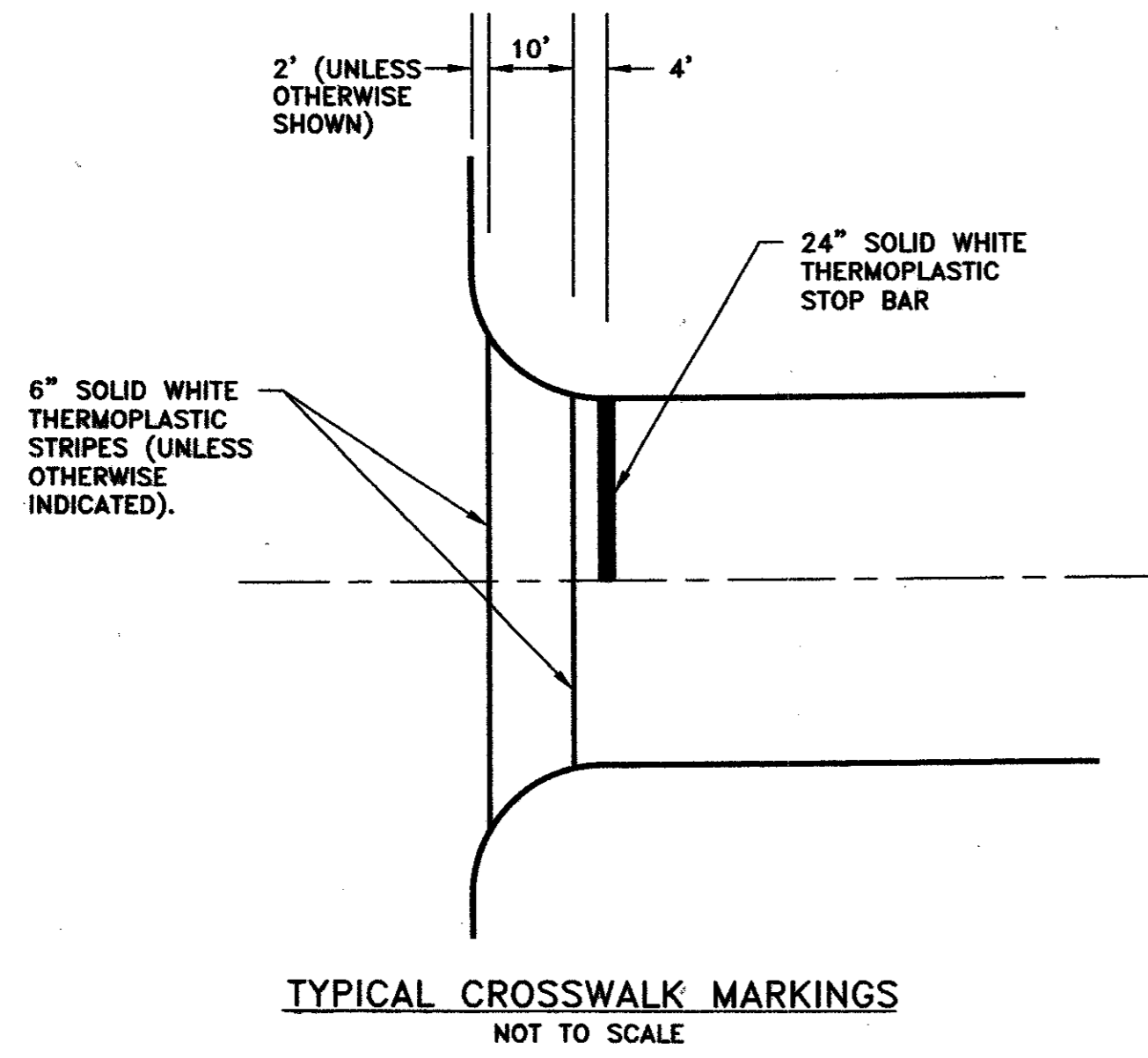
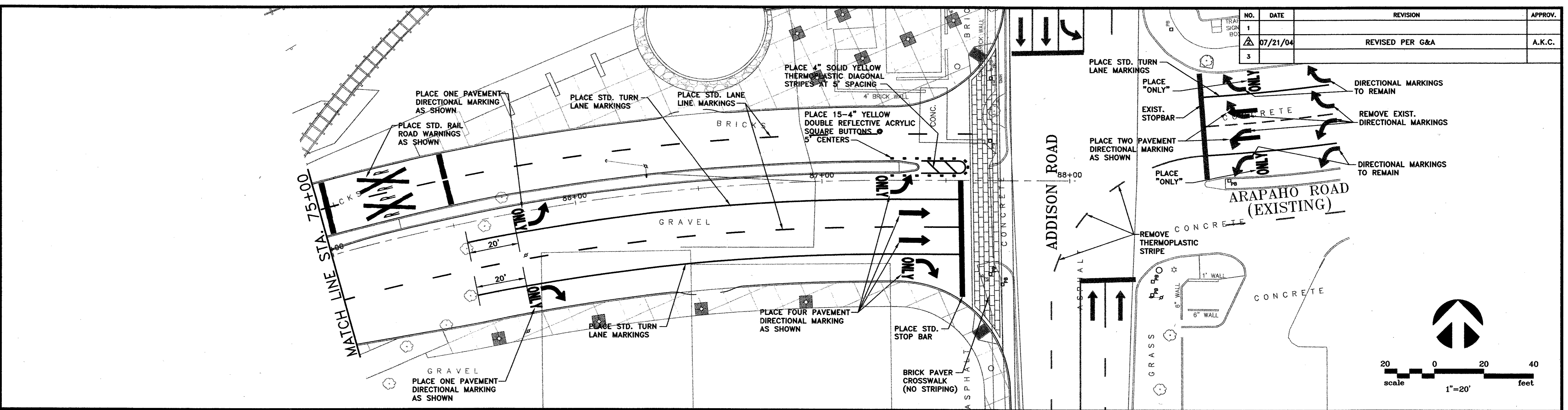


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DATE:	MAY 2004	SCALE:	1"=20'	JOB NO.:	02-320
DRAWN:	G&A	DESIGN:	AKC	REVIEWED:	DWG: 320STR1PE01.DWG
<b>ARAPAHO ROAD PHASE III</b>					
<b>STRIPING PLAN</b>					
<b>STA. 75+00 TO STA. 85+00</b>					
<b>TOWN OF ADDISON</b>					
<b>g&amp;a</b> Grantham & Associates, Inc.				SHT. ST-6	
1919 S. SHILOH ROAD, SUITE 310, LB. 8 GARLAND, TEXAS 75042				(972) 864-2333 (TELE) (972) 864-2334 (FAX)	



NO.	DATE	REVISION	APPROV.
1			
2	07/21/04	REVISED PER G&A	A.K.C.
3			



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DATE:	MAY 2004	SCALE:	1"=20'	JOB NO.:	02-320
DRAWN:	G&A	DESIGN:	AKC	REVIEWED:	DWG: 320STRIP01.DWG
<b>ARAPAHO ROAD PHASE III</b>					
<b>STRIPING PLAN</b>					
<b>STA. 85+00 TO END</b>					
<b>TOWN OF ADDISON</b>					
<b>g&amp;a</b> Grantham & Associates, Inc.				SHT. ST-7	
1919 S. SHILOH ROAD, SUITE 310, L.B. 8 GARLAND, TEXAS 75042				(972) 864-2333 (TEL) (972) 864-2334 (FAX)	