

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 13

Project # 13IFB00108

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE			HOURLY RATE

TABLE B: Contract Items:

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		OVERRUN/UNDERRUN
				QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	
316-2707	ASPH (TIER III)	GAL	\$4.15	13,261.00	\$55,033.15	5,956.00	19,217.00	\$79,750.55	\$24,717.40
316-2719	AGGR (TIER III)	CY	\$72.99	287.00	\$20,948.13	176.00	463.00	\$33,794.37	\$12,846.24
342-2002	PFC (ASPHALT) PG76-22	TON	\$109.23	200.00	\$21,846.00	104.00	304.00	\$33,205.92	\$11,359.92
342-2006	PFC (AGGREGATE)(PG76 MIX) SAC-A	TON	\$109.23	2,018.00	\$220,426.14	2,226.00	4,244.00	\$463,572.12	\$243,145.98
354-2017	PLANE & TEXT ASPH CONC PAV (0" TO 2")	SY	\$1.32	47,362.00	\$62,517.84	25,347.00	72,709.00	\$95,975.88	\$33,458.04
438-WC01	CLEAN AND SEAL JOINTS (CL-3 SEALANT)	LF	\$22.56	0.00	\$0.00	375.00	375.00	\$8,460.00	\$8,460.00
454-2007	HEADER TYPE EXPANSION JOINT	CF	\$799.45	0.00	\$0.00	27.06	27.06	\$21,633.12	\$21,633.12
454-WC01	JOINT SEALANT (CL-7 SEALANT)	LF	\$18.83	0.00	\$0.00	163.11	163.11	\$3,071.36	\$3,071.36
500-WC01	MOBILIZATION (PRIMATE)	LS	\$2,983.90	0.00	\$0.00	1.00	1.00	\$2,983.90	\$2,983.90
500-WC02	MOBILIZATION (HUNTER)(8.57%)	LS	\$30,324.07	0.00	\$0.00	1.00	1.00	\$30,324.07	\$30,324.07
502-2001	BARRICADES, SIGNS AND TRAF HANDLING	MO	\$2,715.86	25.00	\$67,896.50	1.00	26.00	\$70,612.36	\$2,715.86
666-2002	REF PAV MRK TY I (W) 4 IN (BRK) (090MIL)	LF	\$0.49	5,990.00	\$2,935.10	2,060.00	8,050.00	\$3,944.50	\$1,009.40
666-2142	REF PAV MRK TY II (W) 4 IN (BRK)	LF	\$0.33	5,990.00	\$1,976.70	2,060.00	8,050.00	\$2,656.50	\$679.80
666-2145	REF PAV MRK TY II (W) 4IN (SLD))	LF	\$0.29	18,277.00	\$5,300.33	1,404.00	19,681.00	\$5,707.49	\$407.16
666-2178	REF PAV MRK TY II (Y) 4 IN (SLD)	LF	\$0.29	19,697.00	\$5,712.13	4,150.00	23,847.00	\$6,915.63	\$1,203.50
672-2017	REFL PAV MRKR TY II-C-R	EA	\$2.75	1,030.00	\$2,832.50	112.00	1,142.00	\$3,140.50	\$308.00
3224-2027	D-GR HMA (QCQA) TY-C SAC B PG 70-22	TON	\$66.94	11,906.00	\$796,987.64	(310.00)	11,596.00	\$776,236.24	(\$20,751.40)
8020-2003	REF PROF PAV MRK TY I (W) 4 IN (SLD)(100MIL)	LF	\$1.00	5,386.00	\$5,386.00	1,404.00	6,790.00	\$6,790.00	\$1,404.00
8020-2006	REF PROF PAV MRK TY I (Y) 4 IN (SLD)(100MIL)	LF	\$1.25	1,626.00	\$2,032.50	4,150.00	5,776.00	\$7,220.00	\$5,187.50
TOTALS								\$1,655,994.51	\$384,163.85

CHANGE ORDER REASON(S) CODE CHART

<p>1. Design Error or Omission</p>	<p>1A. Incorrect PS&E 1B. Other</p>
<p>2. Differing Site Conditions (unforeseeable)</p>	<p>2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other</p>
<p>3. County Convenience</p>	<p>3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other</p>
<p>4. Third Party Accommodation</p>	<p>4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other</p>
<p>5. Contractor Convenience</p>	<p>5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other</p>
<p>6. Untimely ROW/Utilities</p>	<p>6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other</p>

Williamson County Pass Through Financing Project

IH 35 Northbound Frontage Road Williamson County Project No. 13IFB00108

Change Order No. 13

Reason for Change

This Change Order adds additional quantities to extend the limits of milling, PFC asphalt overlay, and pavement markings to the full width of the northbound mainlanes of IH 35 in accordance with Amendment No. 1 of the Advance Funding Agreement for CSJ 0015-09-170. The Change Order also adds new Contract items for the replacement of the bridge joint material on the mainlane South San Gabriel River Bridge prior to the overlay and additional construction mobilization. The additional scope was requested by the Texas Department of Transportation (TxDOT) and all costs associated with this CSJ will be reimbursed by TxDOT.

The original plans called for milling and a PFC asphalt overlay only on portions of the IH 35 northbound mainlanes from south of the SH 29 Bridge at Sta. 883+79.68 to 1500 ft south of FM 2243 (Leander Road) Bridge at Sta. 940+83.53, a distance of over 5,700 LF. With Amendment No. 1, TxDOT requested that the full width of the mainlanes be milled and overlaid with PFC asphalt within these limits and that PFC asphalt also be placed on the new entrance and exit ramps along the mainlanes to maintain drainage of the pavement. TxDOT's request adds milling and overlay on the South San Gabriel River Bridge which will require replacement of the bridge joint material. The original Advance Funding Agreement between Williamson County and TxDOT has been revised with Amendment No. 1 to include these additional costs.

Following is a summary of the new Contract items required for this Change Order. This Change Order is eligible for FHWA reimbursement.

Item	Description	Unit	Qty
438-WC01	CLEAN AND SEAL JOINTS (CL-3 SEALANT)	LF	375.00
454-2007	HEADER TYPE EXPANSION JOINT	CF	27.06
454-WC01	JOINT SEALANT (CL-7 SEALANT)	LF	163.11
500-WC01	MOBILIZATION (PRIMATE)	LS	1.00
500-WC02	MOBILIZATION (HUNTER)	LS	1.00

This Change Order results in a net increase of \$384,163.85 to the Contract amount, for an adjusted Contract amount of \$19,936,587.35. The original Contract amount was \$18,690,161.52. As a result of this and all Change Orders to date, \$1,246,422.83 has been added to the Contract resulting in a 6.67% net increase in the Contract cost. Thirteen (13) days will be added to the Contract as a result of this Change Order for a total of 771 days.

HDR Engineering, Inc.

Joe Crable
Resident Representative

Crable, Joe

From: Carter Stone <carter@hunterind.com>
Sent: Monday, May 11, 2015 9:11 AM
To: Crable, Joe; Gary Tackert
Cc: David Boone; Clayton Weber; Dawn Haggard
Subject: RE: Additional Milling and Overlay on IH 35 NBML

Joe,

Hunter has reviewed the proposed additional Milling and PFC Overlay detailed below and have no objection to using original bid prices as long as we are granted an increase in Mobilization at the original bid percentage of 8.57% (\$33,830.00 +/-).

Thanks,

Carter Stone

Estimator
Hunter Industries, Ltd.

(512) 353-7757 (Office)
(512) 353-7482 (Fax)
(512) 393-9674 (Cell)

~~**From:** Crable, Joe [mailto:Joe.Crable@hdrinc.com]
Sent: Wednesday, April 15, 2015 2:19 PM
To: Gary Tackert
Cc: Carter Stone; David Boone; Clayton Weber; Dawn Haggard
Subject: Additional Milling and Overlay on IH 35 NBML~~

~~Please review the attached redlined plan sheets and the corresponding summary below denoting the milling and asphalt quantities/costs for the requested additional work the northbound IH 35 mainlanes. Provide a detailed breakdown of any additional cost for this work. Also attached is the proposal from Primate for the northbound South San Gabriel River bridge header expansion joint replacement.~~

~~Additional quantities and cost:~~

Milling: 28,756.54 sy at a cost of \$1.32 per sy for a total of: \$37,958.63	(Sy calculated off of the plan sheets. (Approximate widths and length))
PFC Asphalt: 2,588.10 tons at a cost of \$109.23 per ton for a total of: \$282,696.92	(Tons calculation: SYx180/2000. (180 is 90lbs/sy/in))
PFC Aggregate: 255.93 tons at a cost of \$109.23 per ton for a total of: \$27,955.23	(Tons calculation: SYx17.80/2000. (17.8 is 8.90lbs/sy/in))
Tier III Aggregate: 174.3 cy at a cost of \$72.99 per cy for a total of: \$12,722.16	(Cy Calculation: SY/165. (1cy /165sy))
Tier III Asphalt: 8,051.83 gal at a cost of \$4.15 per gal for a total of \$33,415.10	(Gallon Calculation: SYx.28)

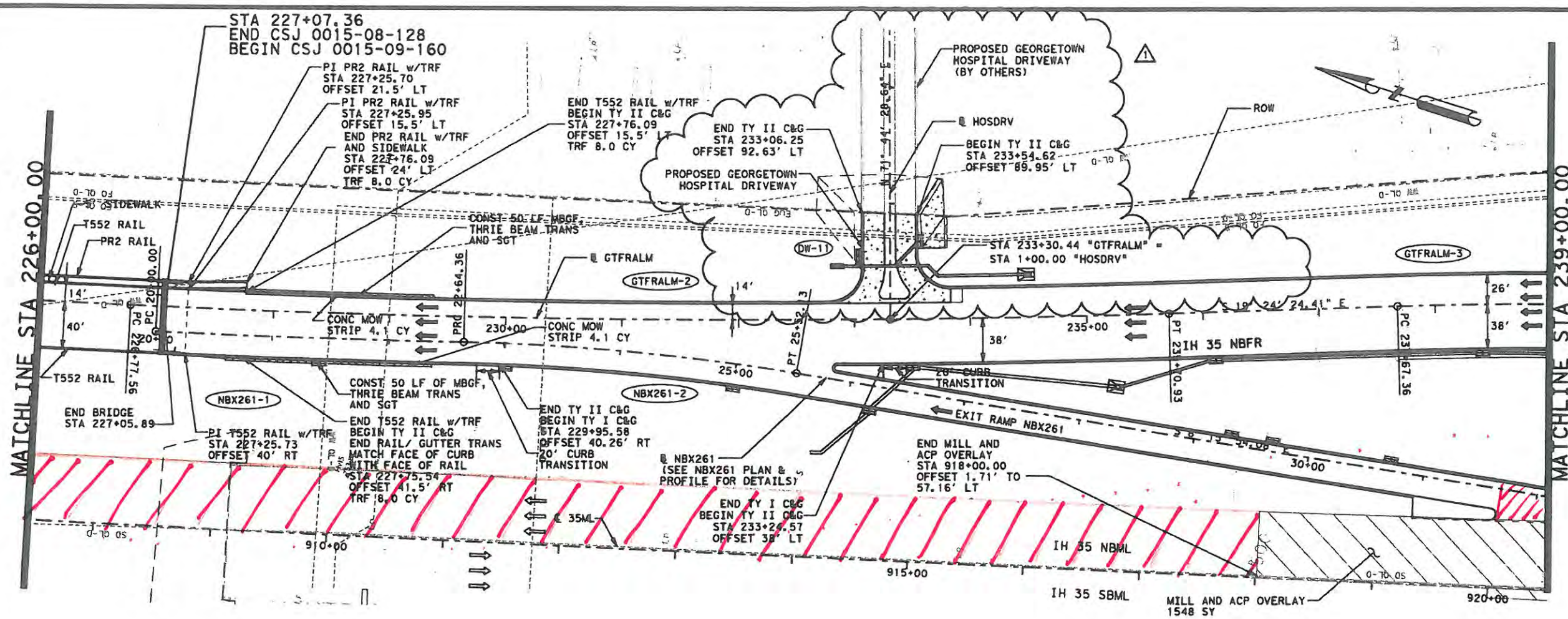
~~Grand total for the above items is **\$394,748.04**. This is an approximate amount and the quantities will be field verified.~~

~~Please let me know if you have any questions.
Thank you,~~

Quantities have been updated.

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LEGEND

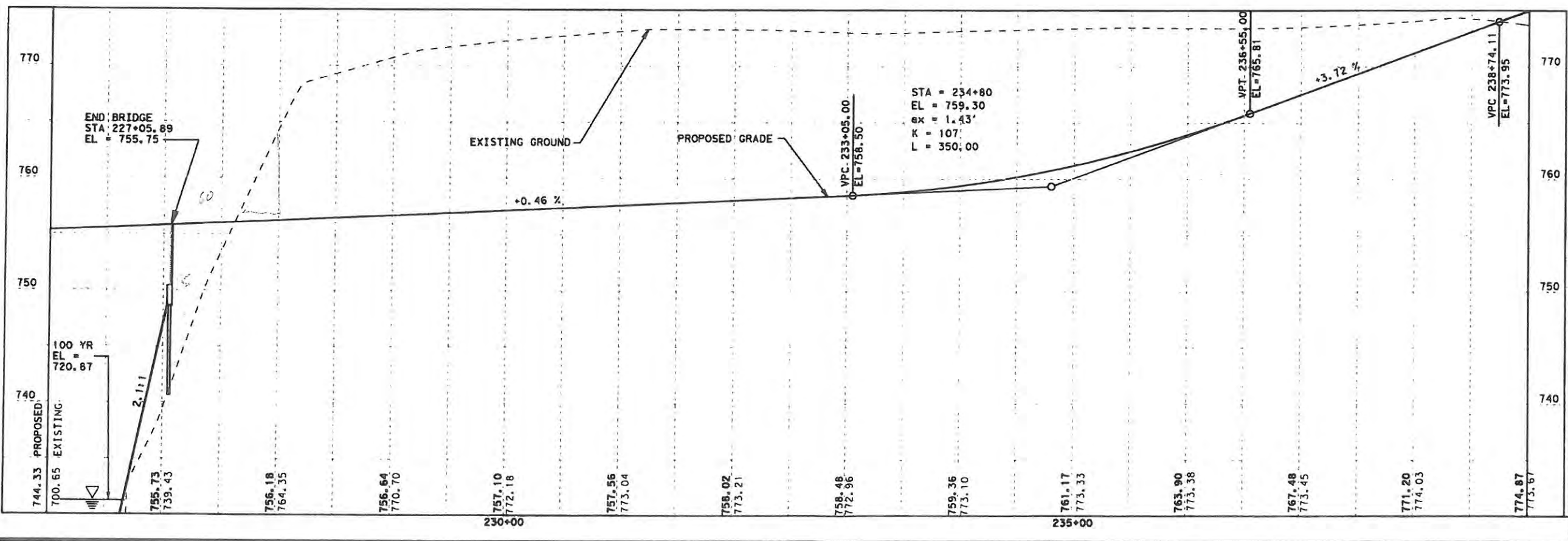
- OBLITERATE PAVEMENT
- HORIZONTAL CURVE
- CAVERNS
- MILL AND OVERLAY

NOTES:

- ALL STATIONS AND OFFSET SHOWN ARE FROM "GTFRALM" AND RAMP ALIGNMENTS UNLESS OTHERWISE INDICATED.
- ALL DIMENSIONS ARE FROM LIP OF GUTTER OR EDGE OF PAVEMENT UNLESS OTHERWISE INDICATED.
- CONSIDER SAWCUTTING SUBSIDIARY TO THE PERTINENT ITEMS.
- REMOVAL OF C&G AND RIPRAP SHALL BE SUBSIDIARY TO OBLITERATE ABANDONED ROAD.

7/7/14-ADDED HOSPITAL DRIVEWAY AND RIGHT TURN LANE

0 25 50 100



FOR REVISION 1 ONLY:
7 Jul 2014

STEPHANIE L. RUSSELL
103741
PROFESSIONAL ENGINEER

Stephanie Russell

**IH 35/NORTHBOUND FRONTAGE ROAD
IH 35 NBFR
PLAN & PROFILE**

SCALE: PLAN 1"=100'
PROFILE 1"=10'

HNTB The HNTB Companies
Engineers, Architects, Planners
TYPE FIRM REGISTRATION NO. 4420

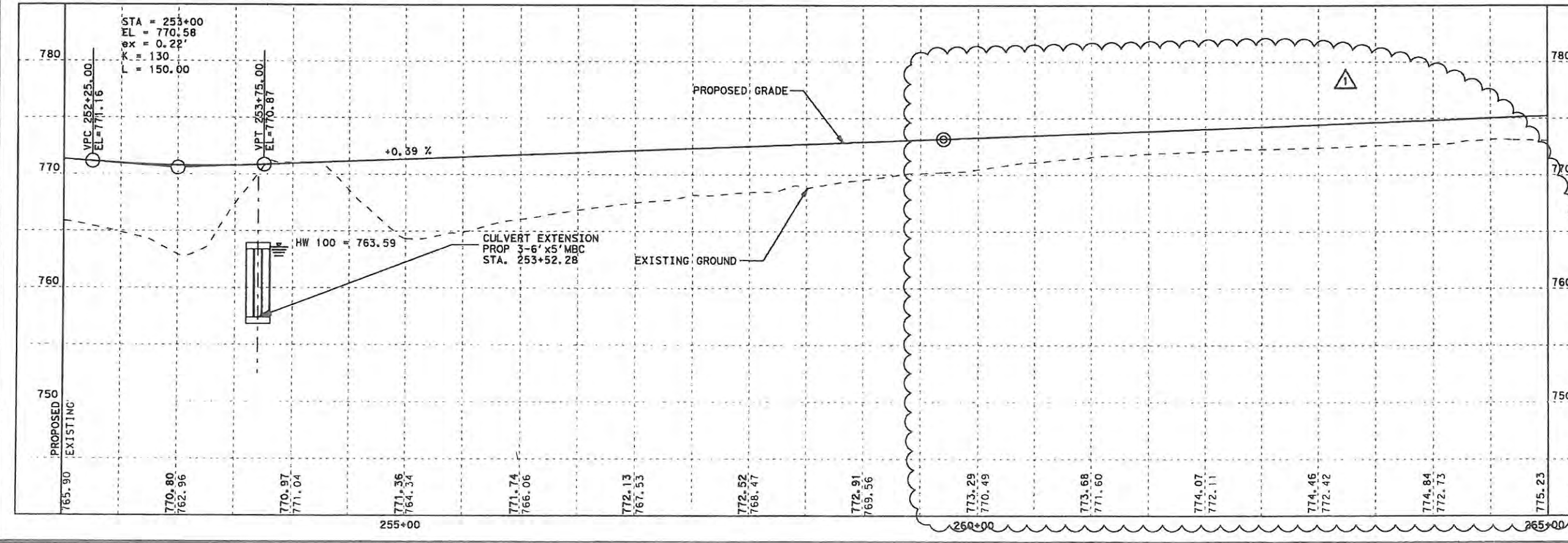
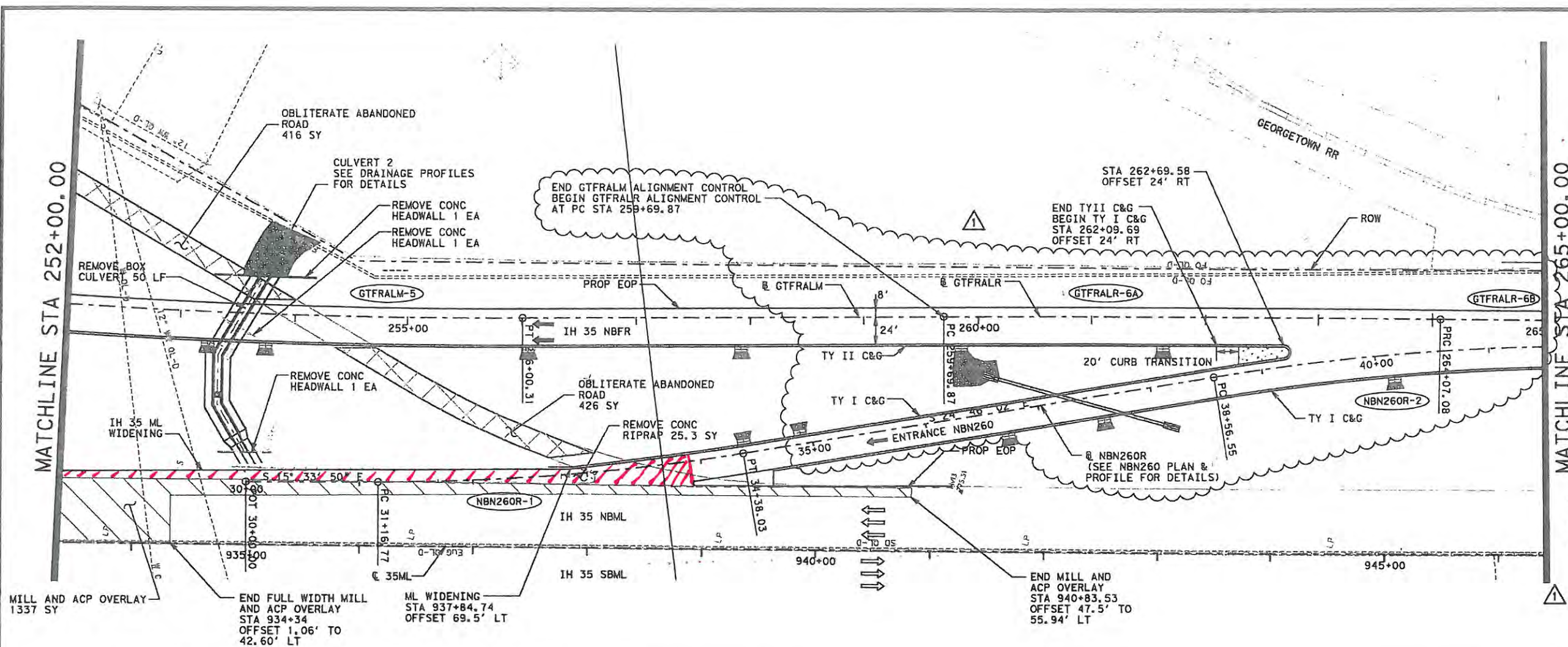
Texas Department of Transportation
2013

DRAWING PREPARED BY: HNTB

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LEGEND

- OBLITERATE PAVEMENT
- HORIZONTAL CURVE
- CAVERNS
- MILL AND OVERLAY

Added

- NOTES:**
- ALL STATIONS AND OFFSETS SHOWN ARE FROM IH 35 NBFR AND RAMP ALIGNMENTS UNLESS OTHERWISE INDICATED.
 - SAWCUTTING SUBSIDIARY TO THE PERTINENT ITEMS.
 - REFER TO SUPERELEVATION TABLE SHEET FOR CROSS SLOPE DATA.
 - REMOVAL OF C&G AND RIPRAP SHALL BE SUBSIDIARY TO OBLITERATE ABANDONED ROAD.

9/13/2013 - SHIFTED IH 35 NBFR TO THE WEST AND REVISED BASELINES

FOR REVISION 1 ONLY:

STATE OF TEXAS
STEPHANIE L. RUSSELL
103741
LICENSED PROFESSIONAL ENGINEER

25 50 100
SCALE IN FEET

**IH 35/NORTHBOUND FRONTAGE ROAD
IH 35 NBFR
PLAN & PROFILE**

SCALE: PLAN 1"=100'
PROFILE 1"=10'

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Engineers Architects Planners
TYPE FIRM REGISTRATION NO. 420

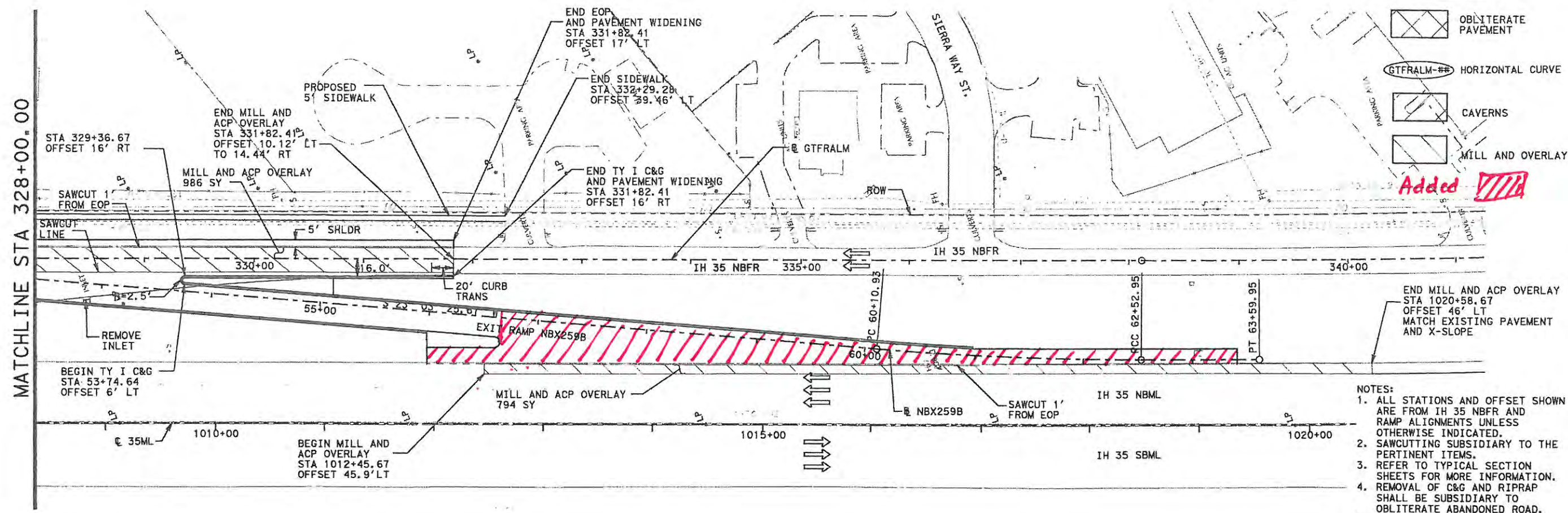
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DATE	CONT.	SECT.	JOB
08/13/13	0015	08	128, ETC
DATE	HIGHWAY NO.		
08/13/13	IH 35		

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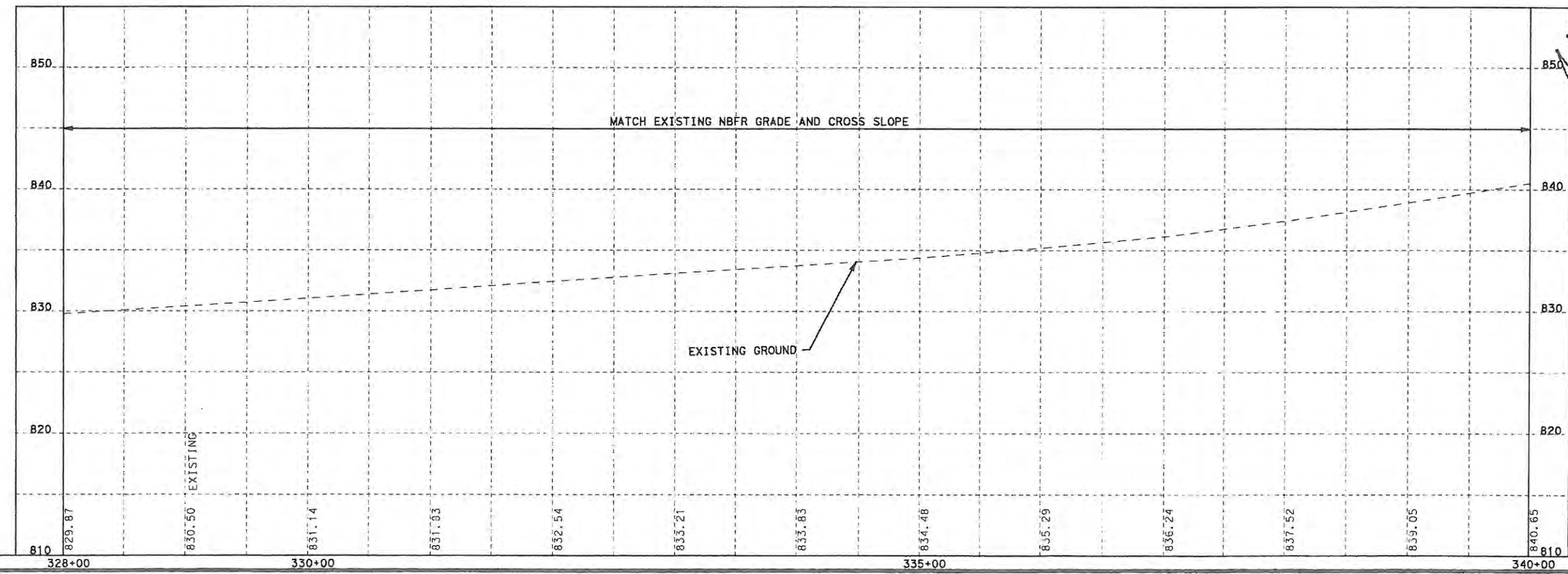
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LEGEND

- OBLITERATE PAVEMENT
- GTFRALM-## HORIZONTAL CURVE
- CAVERNS
- MILL AND OVERLAY

- NOTES:
1. ALL STATIONS AND OFFSET SHOWN ARE FROM IH 35 NBFR AND RAMP ALIGNMENTS UNLESS OTHERWISE INDICATED.
 2. SAWCUTTING SUBSIDIARY TO THE PERTINENT ITEMS.
 3. REFER TO TYPICAL SECTION SHEETS FOR MORE INFORMATION.
 4. REMOVAL OF C&G AND RIPRAP SHALL BE SUBSIDIARY TO OBLITERATE ABANDONED ROAD.
 5. TYPE I MODIFIED CURB RAMPS TO BE PROVIDED AT INTERSECTIONS WITH DRIVEWAYS AND CROSS ROADS.



Professional Engineer Seal for Mark S. Cissell, License No. 99877, State of Texas. Includes a scale bar from 0 to 100 feet.

IH 35/NORTHBOUND FRONTAGE ROAD
 IH 35 NBFR
 PLAN & PROFILE

SCALE: PLAN 1"=100'
 PROFILE 1"=10'

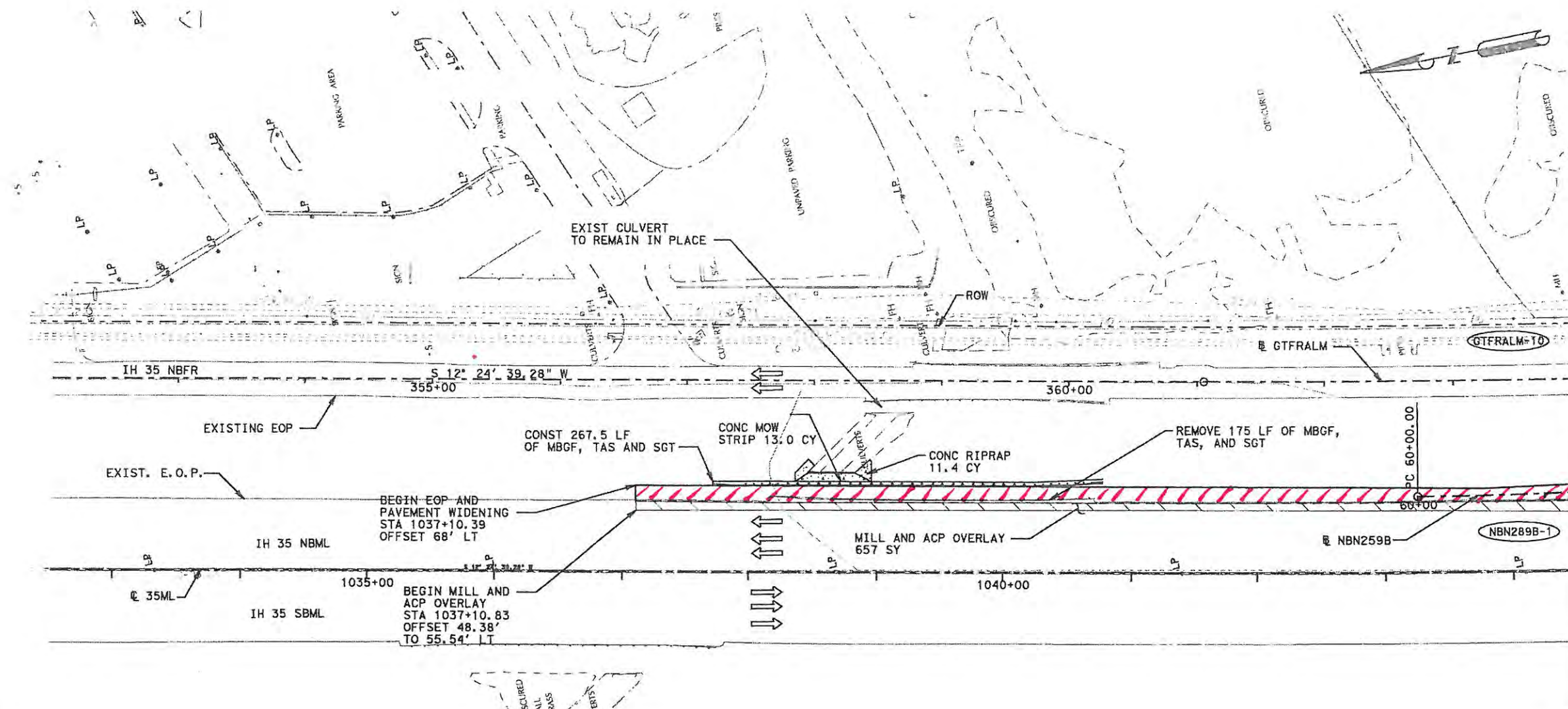
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 Engineers Architects Planners
 TYPE FIRM REGISTRATION NO: 420

Texas Department of Transportation
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COMT.	SECT.	JOB	HIGHWAY NO.
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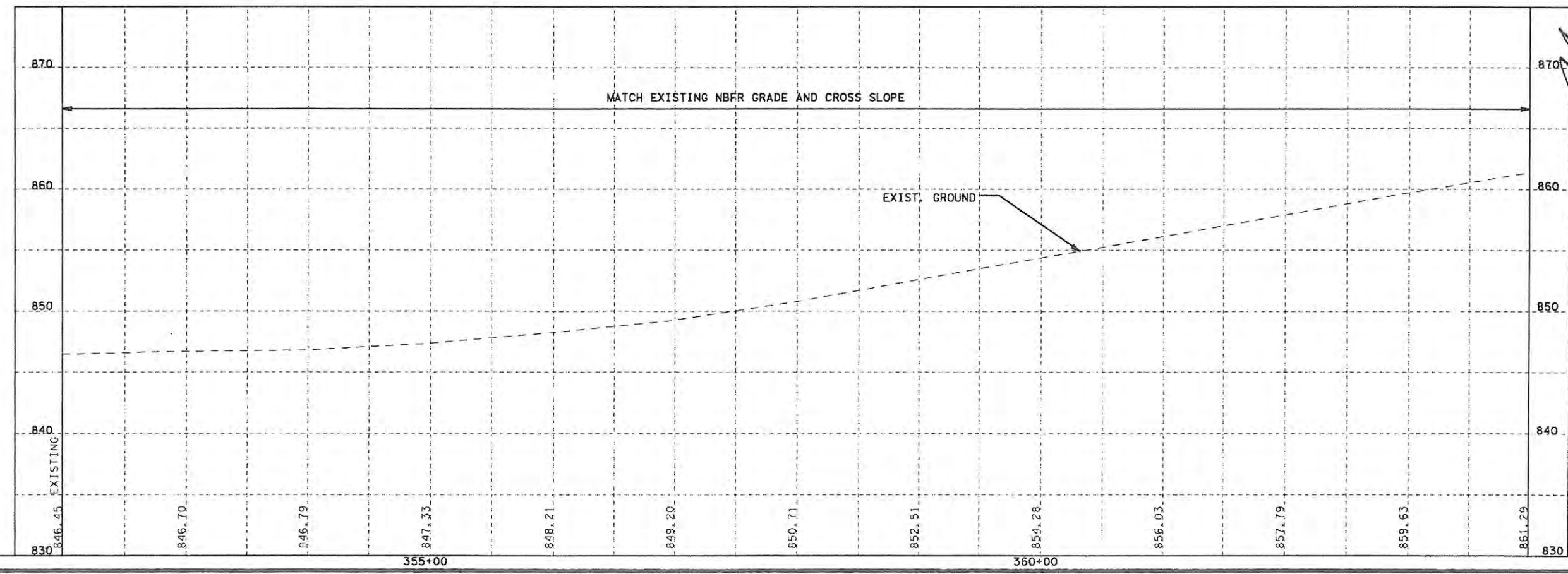
LEGEND

- OBLITERATE PAVEMENT
- GTFRALM-## HORIZONTAL CURVE
- CAVERNS
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Added

MATCH LINE STA. 364+00.00

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STATE OF TEXAS
 MARK S. CISELL
 99877
 LICENSED PROFESSIONAL ENGINEER

0 25 50 100
 SCALE IN FEET

IH 35/NORTHBOUND FRONTAGE ROAD
IH 35 NBFR PLAN & PROFILE

SCALE: PLAN 1"=100'
 PROFILE 1"=10'

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 Engineers Architects Planners
 TYPE FIRM REGISTRATION NO: 420

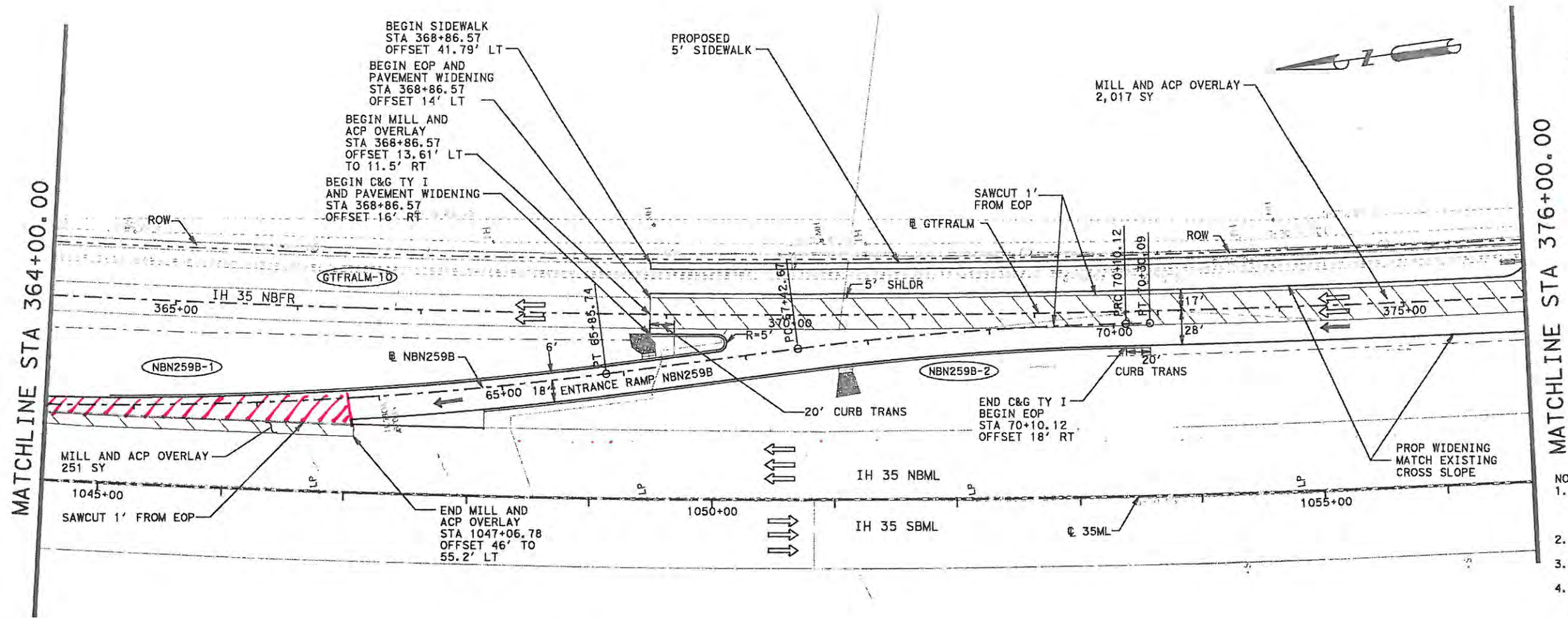
Texas Department of Transportation
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DIST.	COUNTY	SECT.	JOB	HIGHWAY NO.
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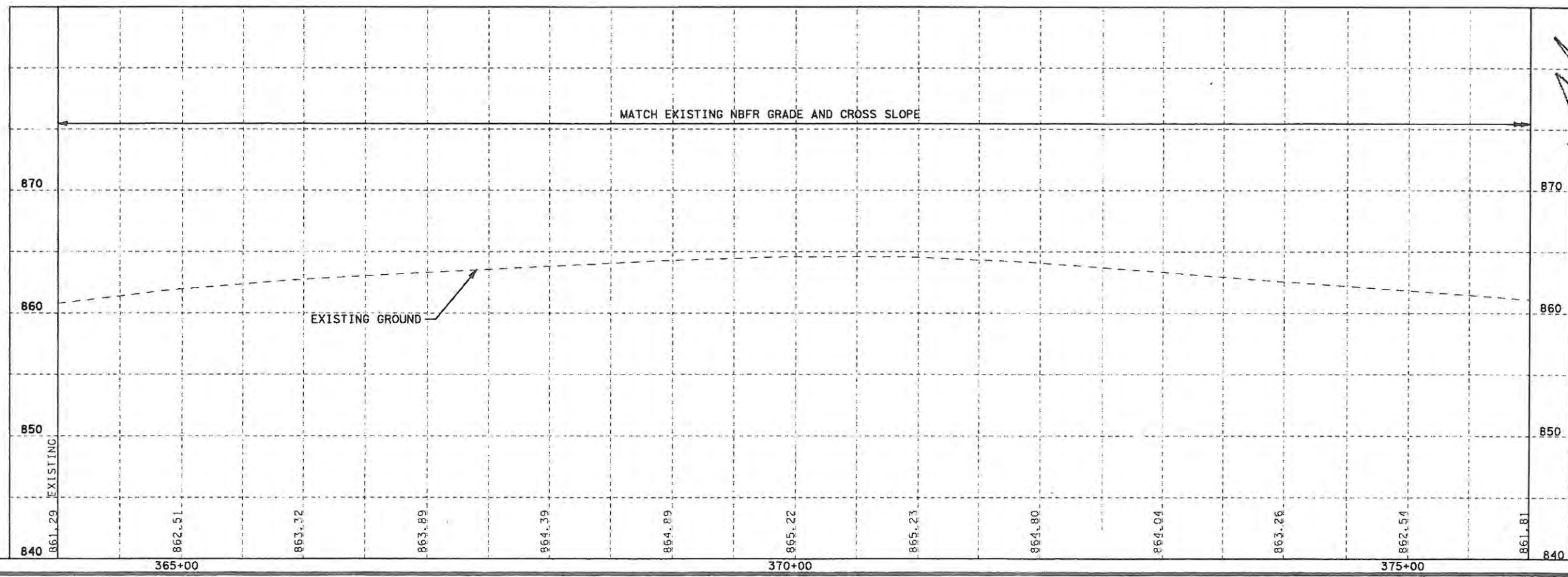


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8/16/12

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SCALE IN FEET

**IH 35/NORTHBOUND FRONTAGE ROAD
 IH 35 NBFR
 PLAN & PROFILE**

SCALE: PLAN 1"=100'
 PROFILE 1"=10'

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 TYPE FIRM REGISTRATION NO# 420

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CHK DATE	TEXAS	AUS	WILLIAMSON	
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CHK DATE	0015	08	128, ETC	IH 35