

FILED
TERRI ROSS
COUNTY CLERK

2021 OCT 15 PM 3:03

UPSHUR COUNTY, TEXAS

BY  DEPUTY

ROAD CONSTRUCTION AGREEMENT

This ROAD CONSTRUCTION AGREEMENT (this "Agreement") is made and entered into as of SEPT 30, 2021 (the "Effective Date"), by and between UNION PACIFIC RAILROAD COMPANY, a Delaware corporation ("Railroad") and COUNTY OF UPSHUR, TEXAS ("County"). Railroad and County are sometimes collectively referred to as the "Parties" and individually as a "Party".

RECITALS:

WHEREAS, Railroad intends to expand its railroad siding (the "Project"), as generally depicted on the print attached hereto as Exhibit A (the "Site Plan").

WHEREAS, in connection with the Project, Railroad will need to close four (4) private crossings labeled as "C", "D", "E" and "F" on Exhibit A attached hereto, and construct a new road providing access to the landowners whose crossings were closed (the "Road"), in the location shown on the Site Plan (the "Construction Work").

WHEREAS, the property on which the Road will be constructed is comprised of property owned by a third party ("Third Party").

WHEREAS, Railroad and County desire to enter into this Agreement to set forth their understanding and agreement with respect to the Construction Work and to establish the process for obtaining the property rights from the Third Party for the Road (the "Third Party Property Rights").

AGREEMENT:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties intending to be legally bound hereby, agree as follows:

Section 1. PLANS AND SPECIFICATIONS.

A. Railroad has developed, and the County has reviewed and approved, plans for the Construction Work attached hereto as Exhibit B (the "Plans").

B. Notwithstanding anything contained in this Agreement to the contrary, Railroad shall not be deemed to be liable to County or any other party for defects in the Plans prepared by third parties.

Section 2. WORK TO BE PERFORMED BY RAILROAD; INSPECTION BY COUNTY.

Railroad, at its expense, shall perform or cause to be performed the Construction Work in compliance with the Plans and the terms and conditions set forth in this Agreement. Upon final completion of the Construction Work in accordance with the Plans, Railroad shall provide a written notice of completion to County (the "Notice of Completion"). County shall have ten (10) days after receipt of the Notice of Completion to inspect the Construction Work to confirm

in writing that such work is materially in compliance with the Plans ("Notice of Acceptance"). If County fails to inspect the Construction Work within such 10-day period, County shall be deemed to have delivered a Notice of Acceptance and accepted the Construction Work.

Section 3. RELEASE; QUITCLAIM; PAYMENT.

Upon completion of the Construction Work in accordance with the Plans, County for itself and its successors and assigns, hereby waives, releases, remises, acquits and forever discharges Railroad and its respective officers, employees, agents, successors and assigns, and/or any other person acting on behalf of Railroad, of and from any claims, actions, causes of action, demands, rights, losses, damages, claims, demands, costs, liabilities, judgments and civil penalties, fees and expenses losses or compensation whatsoever, direct or indirect, that County now has or may have in the future on account of or in any way arising out of or in connection with this Agreement or the work performed hereunder. Upon acceptance (or deemed acceptance) of the Construction Work and the conveyance of third party property rights, as defined in Section 4 below, County acknowledges and agrees it will own the Road improvements and shall thereafter be responsible for all maintenance and repair of the Road. Promptly after the Notice of Acceptance is delivered (or deemed delivered), Railroad shall make a one-time payment of One Hundred Sixty Three Thousand Four Hundred Thirty Six & 00/100 Dollars (\$163,436.00) to the County (the "Payment") to assist with the costs of maintenance and repair of the Road. Except as may otherwise be specifically provided in this Agreement or any other agreement, the Railroad in no way guarantees either the performance or quality of the work undertaken or materials used by any contractor or subcontractor undertaking construction pursuant to this Agreement or any other agreement. This Section shall survive termination of this Agreement and completion of the Construction Work.

Section 4. CONVEYANCE OF THIRD PARTY PROPERTY.

Upon Railroad's completion of the Construction Work, the Third Party Property Rights to the land on which a portion of the Road is located will be conveyed to County by either Railroad or by Third Party pursuant to a special warranty deed in a form substantially the same as the form attached hereto as Exhibit C.

Section 5. TERM; COMPLETION DATE FOR CONSTRUCTION WORK.

This Agreement shall commence on the Effective Date and shall terminate upon the latest to occur of (a) Railroad's receipt (or deemed receipt) of a Notice of Acceptance, (b) County being deeded the Third Party Property Rights, and (c) County's receipt of the Payment. Notwithstanding anything to the contrary contained herein, prior to commencing the Construction Work, Railroad shall have the right to terminate this Agreement upon ten (10) days prior written notice to County, in which case the Parties shall be released from any obligations hereunder except those obligations that expressly survive termination hereunder.

Section 6. NOTICE OF COMMENCEMENT OF WORK – FLAGGING.

County agrees to notify Railroad at least five (5) days in advance of County performing any inspections related to the Construction Work in which any person or equipment will be within twenty-five (25) feet of any track, or will be near enough to any track that any equipment

extension (such as, but not limited to, a crane boom) will reach to within twenty-five (25) feet of any track. No work of any kind shall be performed by or on behalf of County, and no person, equipment, machinery, tool(s), material(s), vehicle(s), or thing(s) shall be located, operated, placed, or stored within twenty-five (25) feet of any of Railroad's track(s) at any time, for any reason, unless and until a Railroad flagman is provided to watch for trains. Upon receipt of such 5-day notice, Railroad will determine and inform County whether a flagman needs be present and whether County (or its contractors) needs to implement any special protective or safety measures. If flagging or other special protective or safety measures are performed by Railroad, such services will be provided at Railroad's expense.

Section 7. PERMITS AND AUTHORIZATIONS.

Railroad at its expense will obtain the requisite approvals and permits from local, state, and other jurisdictions in connection with the Construction Work. County shall reasonably cooperate with the Railroad's efforts to obtain any such permits and licenses.

Section 8. REPRESENTATIONS.

Each Party hereby represents and warrants to the other that: (a) it has all necessary power and authority to enter into, deliver and perform any obligations under this Agreement and the documents contemplated herein; (b) this Agreement is binding on and enforceable against such Party in accordance with its terms; and (c) the person executing and delivering this Agreement on behalf of such Party has been duly authorized and empowered to make such execution and delivery.

Section 9. NOTICES.

Any notice required or desired to be given under this Agreement shall be in writing and shall be (A) personally delivered; (B) delivered by a reputable overnight courier; (C) delivered by certified mail, return receipt requested and deposited in the U.S. Mail, postage prepaid or (D) delivered by facsimile or e-mail. Notices shall be deemed received at the earliest of (i) actual receipt if delivered by personal delivery, facsimile or e-mail; or (ii) one (1) business day after deposit with an overnight courier as evidenced by a receipt of deposit; or (iii) three (3) business days following deposit in the U.S. Mail, as evidenced by a return receipt. Notices shall be directed to the parties at their respective addresses shown below, or such other address as either Party may, from time to time, specify in writing to the other in the manner described above:

Railroad: UNION PACIFIC RAILROAD COMPANY

ATTN: Kris Anderson
Manager, Real Estate - Acquisitions
1400 Douglas Street STOP 1690
Omaha, Nebraska 68179
Telephone: (402) 544-3162
Facsimile: (402) 501-0340
E-mail: dkanders01@up.com

County: UPSHUR COUNTY COMMISSIONERS COURT
ATTN: Judge Todd Tefteller
PO Box 730
Gilmer, TX 75644
Telephone: (903) 843-4003
Facsimile: (903) 843-0827
E-mail: todd.tefteller@countyofupshur.com

Section 10. SURVIVAL.

The parties agree that their respective rights, duties and obligations existing under any provision that by its terms imposes an obligation on the County or Railroad that is continuing in nature shall survive the termination of this Agreement, regardless of whether such termination is effected through mutual agreement or default or breach of this Agreement.

Section 11. SUCCESSORS AND ASSIGNS.

This Agreement is binding upon and will inure to the benefit of each Party and their respective heirs, successors and assigns, except that County's interest under this Agreement may not be assigned, encumbered or otherwise transferred, whether voluntarily, involuntarily, by operation of law or otherwise. Any assignment, encumbrance or other transfer in violation of the foregoing will be void and County will be deemed in default under this Agreement.

Section 12. EFFECT OF HEADINGS.

The headings of the paragraphs, sections and articles of this Agreement are included for purposes of convenience only, and shall not affect the construction or interpretation of any of its provisions.

Section 13. WAIVER OF BREACH.

Waiver by a Party of the breach of any condition, covenant or agreement herein contained to be kept, observed and performed by the other Party shall in no way impair the right of such Party to avail itself of any remedy for any subsequent breach thereof.

Section 14. ENTIRE AGREEMENT.

This Agreement contains the entire agreement between Railroad and County with respect to the subject matter herein and supersedes all prior agreements, whether written or oral related thereto. This Agreement may not be modified or amended except by a written instrument executed by the Parties.

Section 15. GOVERNING LAW.

This Agreement shall be construed in accordance with, and governed by, the laws of the State of Texas.

Section 16. RECORDING.

This Agreement shall not be recorded by either Party

Section 17. COUNTERPARTS.

This Agreement may be executed in several counterparts, each of which shall be an original, but all of which shall constitute one and the same document. Further, the parties agree that this Agreement may be executed and delivered by electronic signature and transmission.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement as of the Effective Date.


**UNION PACIFIC RAILROAD COMPANY, a
Delaware corporation**

By: Rodney S Carroll 
Digitally signed by Rodney S Carroll
DN: cn=US, e=rscarroll@up.com, o=Union Pacific
Railroad Company, ou=General Director - Real
Estate, cn=Rodney S Carroll
Date: 2021.10.07 14:37:24-0500

Name: _____

Title: General Director - Real Estate

COUNTY OF UPSHUR, TEXAS

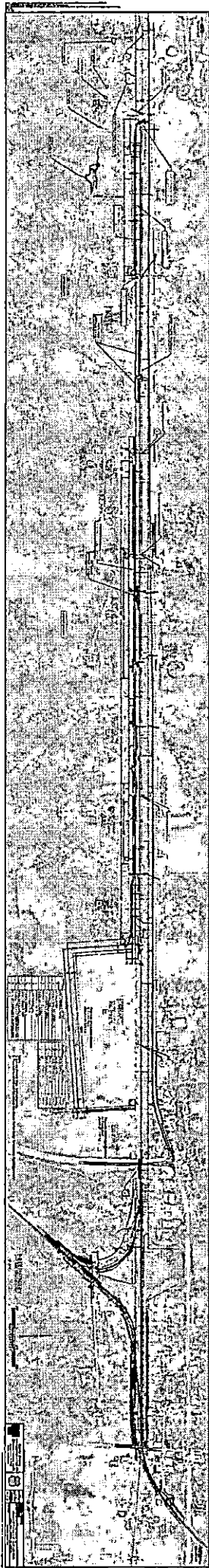
By: 

Name: TODD TEFTELLER

Title: UPSHUR CO. JUDGE

**EXHIBIT A
TO
ROAD CONSTRUCTION AGREEMENT**

**Site Plan
(attached hereto)**



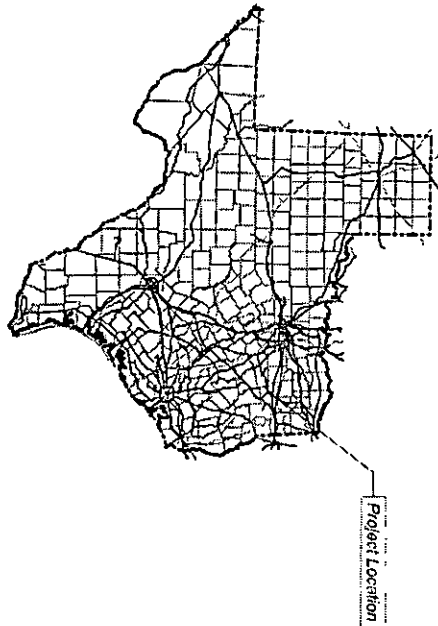
**EXHIBIT B
TO
ROAD CONSTRUCTION AGREEMENT**

The Plans

(attached hereto)



ENGINEERING DESIGN



State of Texas



DAVID EVANS
AND ASSOCIATES, INC.
1645 Capital Prairie Road, Suite 104
Big Sandy, TX 77020
Phone 979.281.1720
Texas Registered Engineering Firm F-5842



PROJECT LOCATION MAP
BIG SANDY, TX 77020

BIG SANDY, TEXAS MINEOLA SUBDIVISION M.P. 113.76 TO 116.74 BIG SANDY SIDING EXTENSION

EAST ROAD ALIGNMENT **90% DESIGN**

LAST REVISED
AUGUST 27, 2021

NOT FOR CONSTRUCTION

WORK ORDER: 29543
PROJECT NUMBER: 90502
BUDGET REFERENCE: 15CP040

PROJECT INDEX

PROJECT DESIGN

DESCRIPTION

G001	COVER SHEET WITH VICINITY MAP
G002	PROJECT INDEX & REVISION SHEET
G003	GENERAL NOTES & PROJECT CONTACTS
G004	ABBREVIATIONS & LEGEND
G005	CONTROL POINTS, GEOMETRY, & KEY MAP
R001 TO R014	EAST ROADWAY PLAN & PROFILES
C001 TO C011	CULVERT PLAN AND PROFILES
T001 TO T004	TYPICAL SECTION
EC001 TO EC011	EROSION CONTROL
X001 TO X034	CROSS SECTIONS

STANDARDS

DESCRIPTION

PROJECT REVISIONS				
REV. #	BY	DATE	SHEET	DESCRIPTION

Color: asb1r
P:\N\PROJECTS\2020\04\00\CD\N\PROJECTS\CD\Road Design\G-002.dgn
8/27/2021 8:27:20AM

90% DESIGN
NOT FOR CONSTRUCTION

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117583 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543



DAVID EVANS AND ASSOCIATES INC.
1645 Groene Prairie Road, Suite 104
College Station, TX 77845
Phone 979 977 5600



DRAWN BY: IES
CHECKED BY: NPG
DATE: 8/27/2021
SHEET NUMBER: G002 of G005

UNION PACIFIC RAILROAD
LOCATION & DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.78 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT
SHEET TITLE: PROJECT INDEX & REVISIONS

GENERAL NOTES

- Contractors shall notify Service Alert, (800) 642-2444 and UPRR Fiber Office Authorization Numbers shall be kept at the job file.
- No work whatsoever shall be commenced without first notifying the UPRR Engineer.
- The Contractor shall comply with all Federal, State, County, and City Laws and Ordinances and Regulations of the Department of Industrial Relations, OSHA, NIOSH and Industrial Accident Commission related to the safety and character of the work, equipment and labor personnel.
- Contractor shall be responsible for coordinating with all Utility agencies.
- Contractor shall protect in place (by any means necessary) all existing utilities to remain unless otherwise specified herein, contractor shall be responsible for the complete repair at his expense, for any damage to existing utilities, structures, or other site features, as a result of his work.
- Prior to placing curbs, pavements, bases, subbase, track, etc., all underground utilities shall be located, located, located, and the Engineer shall be notified in writing of the location of all utilities. The Contractor shall be responsible for the complete repair at his expense, for any damage to existing utilities, structures, or other site features, as a result of his work.
- All existing underground utilities, that are not to be replaced shall be advanced in place. All utilities shall be advanced at least 3'-0" below top of proposed subgrade, unless otherwise specified.
- Contractor shall verify locations and elevations of existing utilities, whether known or unknown prior to beginning construction.
- Any underground structures such as pipelines, culverts, existing utilities, etc., shall be brought to the attention of the engineer for determination of appropriate action such as removal or treatment in a manner judged suitable to the engineer.
- Contractor shall coordinate location of all proposed utilities with UPRR to assure accuracy of utility connections and compliance with local codes.
- Any existing conditions found to be a variance with these drawings must be immediately reported to the Engineer.
- Contractor shall maintain and obtain to the satisfaction of the Engineer, all access and service roads used during construction.
- Contractor shall perform all construction in such a manner as to protect adjacent existing buildings, and other site elements which are to remain in service.
- Contractor shall provide As-built Drawings for all improvements.

DESIGN CRITERIA

- UPRR standard plans and trackworks
- UPSHUR COUNTY Public Works Engineering Division
- WOOD COUNTY Public Works Engineering Division
- CITY OF BIG SANDY Public Works Engineering Division
- TEXAS Department of Transportation Roadway Standards

SURVEY NOTES

- Railroad stationing for project profiles and alignments is based on stations established for chord definition spiral curves at the definition of the existing UPRR Mineola Subdivision Main Line unless otherwise noted.
- The contractor is responsible for the preservation of all survey control monuments. In the event monuments are damaged or destroyed by the contractor, the Engineer will replace the monument solely at the contractor's expense.
- The survey was performed using Texas State Plane North Central Zone Coordinate (GSN) with a combined scale factor of 0.99985424.
- All control points are 1.5" plastic caps set on rebar and stamped CEC.

HORIZONTAL	DATUM Texas Coordinate System NAD83 NAUTODINUM EPICENTRAL ZONE NAUTODINUM EPICENTRAL ZONE Surface to Grid Scale Factor is 1.000108
	NAD83 GEOID 128
VERTICAL	

**90% DESIGN
NOT FOR CONSTRUCTION**

PROJECT CONTACTS

CONTACT
Mark Allen
James Moses
Seth Burton
Ken Freshman
Adam Stubbs
Paul Piro
Richard Gilmore
Kirt Anderson

PHONE NUMBER
402-490-8351
402-350-5375
402-490-9788
402-544-5197
402-544-3541
402-544-3592
402-544-4071
402-544-3162

UPRR
Director Track Construction
Manager Track Construction
Project Design Manager
Project Design Sr. Project Designer
Structural Design Manager
Information Technology - Fiber
Real Estate - Utilities
Real Estate - Acquisitions

CONTACT
Nick Garcia
Iakro Shihaz

PHONE NUMBER
419-603-9604
915-252-4645

DAVID EVANS and ASSOCIATES
Project Manager
Project Designer

UTILITIES

CONTACT

PHONE NUMBER

FEDERAL AND LOCAL GOVERNMENT AGENCY

CONTACT

PHONE NUMBER

GENERAL

UPRR CALL BEFORE YOU DIG
CALL BEFORE YOU DIG (NATIONAL DIRECTORY)
UPRR Response Management Communications Center (RMCC)

PHONE NUMBER
(800) 338-4163
(888) 258-6808
(888) 877-7267

TRAFFIC NOTES

- All barricades, warning signs, lights, devices, etc. for the guidance of traffic shall be placed in accordance with the Manual on Uniform Traffic Control Devices (MUTCD), current edition, Texas Manual on Uniform Traffic Control Devices (TMUCD), current edition.
- Contractor shall make into daily inspection of barricades and flashing signs to ensure proper placement and functioning of warning devices.
- Grade crossings closed to traffic during construction shall be barricaded in accordance with the TMUCD.
- All grade crossings, all grade crossing warning signs (crossbuck) shall temporarily be repositioned during construction and reset after the grade crossing is closed to traffic. The contractor shall be responsible for the cost from the completion of the repair road to the TMUCD standard where automatic grade crossing warning sign systems exist. All automatic warning devices are the responsibility of UPRR. At no time shall a crossing be left open without proper warning signs in place.
- Contractor shall submit traffic control plans to UPSHUR COUNTY, WOOD COUNTY, CITY OF BIG SANDY and the Traffic Department for approval at least 2 weeks prior to construction. The plans shall include a traffic control plan that shall meet Texas Department of Transportation standards. Approval should be obtained from the Department prior to implementing any traffic control devices on the project. The contractor shall be responsible for the cost of any professional engineer from the State of Texas.
- The contractor is responsible for the pre-empted and/or repair of any existing traffic control devices and apparatuses damaged or disturbed due to construction.

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEM J. TURNER, P.E., 117563 BENTLEY BLVD., SUITE 100, BECKLEY, WEST VIRGINIA 26009 FOR DESIGN PURPOSES ONLY. NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES. TEXAS REGISTERED ENGINEERING FIRM F-5543

DAVID EVANS AND ASSOCIATES INC.
3645 Greens Park Road, Suite 104
College Station, TX 77945
Phone: 979/377-5600

UNION PACIFIC RAILROAD
UNION PACIFIC RAILROAD
LOCATION DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.78 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT
SHEET TITLE: GENERAL NOTES AND PROJECT CONTACTS
DRAWN BY: LES
CHECKED BY: NPG
DATE: 02/27/2021
JOB NO: 2019-003
CADD OF: 6005

ABBREVIATIONS

MISCELLANEOUS

Ac.	Acres
Ave.	Avenue
Bvld.	Boulevard
Blgd.	Building
BNSF	BNSF Railway
C.Y.	Cubic Yards
Conc.	Concrete
°	Degree (s)
Dia.	Diameter
Dr.	Drive
Dep.	Drawing
E	East
Elev.	Elevation
ExdSL	Existing
'	Foot, Feet or Minute (s)
F.S.	Finished Surface
Horiz.	Horizontal
"	Inch, Inches or Second (s)
Inv.	Invert
L.	Left
L.	Length
L.F.	Lineal Feet
Max.	Maximum
Min.	Minimum
N	North
NTS	Not to Scale
No.	Number
OH	Overhead
Prop.	Proposed
RR	Railroad
Rwy	Railway
R/W	Right of Way
RL	Right
S	South
S.F.	Square Feet
Sta.	Station
Std.	Standard
St.	Street
Twp.	Township
Typ.	Typical
UG	Underground
UPRR	Union Pacific Railroad
V	Velocity
WL	Weight
W	West
X-Ing	Crossing

SIGNAL

ABS	Automatic Block Signal
ATC	Automatic Train Control
CTC	Centralized Traffic Control
DED	Drugging Equipment Detector
DTC	Direct Traffic Control
ELTO	Electric Lock Turnout
HBD	Hot Box Detector
HTTO	Hand Throw Turnout
HWD	High Wide Detector
POTO	Power Operated Turnout
TWC	Track Warrant Control
WLD	Wheel Impact Load Detector

STRUCTURES

Bldg.	Building
Br.	Bridge
CB	Catch Basin
CPT	Concrete Pipe Trestle - Ballast Deck
CIP	Cast Iron Pipe
CMP	Corrugated Metal Pipe
CMPA	Corrugated Metal Pipe Arch
CSP	Corrugated Steel Pipe
Cuv.	Culvert
DI	Drop Inlet
DPGBD	Dock Plate Girder - Ballast Deck
DPGOD	Dock Plate Girder - Open Deck
EBW	East Backwall
FL	Flowline
F.F.	Finished Floor
GIP	Galvanized Iron Pipe
Hdwl	Headwall
NBW	North Backwall
PCB	Prestressed Concrete Box
PSCT	Prestressed Concrete Trestle
RCA	Reinforced Concrete Arch
RCB	Reinforced Concrete Box
RCP	Reinforced Concrete Pipe
SBW	South Backwall
SSP	Smooth Steel Pipe
SPTBD	Steel Pipe Trestle - Ballast Deck
SPTOD	Steel Pipe Trestle - Open Deck
SP	Structural Plate Pipe
TPGSD	Through Plate Girder - Ballast Deck
TPGOD	Through Plate Girder - Open Deck
TPTBD	Timber Pole Trestle - Ballast Deck
TPTOD	Timber Pole Trestle - Open Deck
TTBD	Through Truss - Ballast Deck
TTOD	Through Truss - Open Deck
TWB	Treated Wood Box
VCP	Vitrified Clay Pipe
Viad.	Viaduct
WBW	West Backwall
WIP	Wrought Iron Pipe

TRACK

ATR	Above Top of Rail
Align.	Alignment
SBR	Below Base of Rail
Cntrs.	Centers
CWR	Continuous Welded Rail
DSPD	Double Switch Point Derral
EOT	End of Track
HN	Head Hardened
Jct.	Jointed Rail
LH	Left Hand
ML	Main Line
MM	Mike Marker
MP	Mike Post
NSC	Not Sufficient Clearance
OTM	Other Track Material
PCC	Point of Compound Curve
PC	Point of Curve
PCS	Point of Curve to Spiral
POC	Point on Curve
PF	1/2" Point of Frog
PI	Point of Intersection
PTD	Point of Intersection of Turnout
PS	Point of Spiral
PSC	Point of Spiral to Curve
POS	Point on Spiral
PT	Point of Tangent
POT	Point on Tangent
Pl. Sw.	Point of Switch
PVC	Point of Vertical Curve
PVI	Point of Vertical Intersection
PVT	Point of Vertical Tangent
RH	Right Hand
SHD	Second Hand
SSPD	Single Switch Point Derral
TC	Track Centers
T.F.	Track Feet
Trk.	Track
UXO	Universal Cross-Over
K-Over	Cross-Over

UTILITIES

AIR	Compressed Air
F/O	Fiber Optic Cable
G	Gas Pipeline
OP	Overhead Power Line
SS	Sanitary Sewer
OSL	Overhead Signal Line
UGSL	Underground Signal Line
SL	Steam Line
S	Storm Sewer
T	Telephone
UGE	Underground Electric
W	Water Main
UD	Underground Wire
V	Valve
M.H.	Manhole
C.B.	Catch Basin
F.H.	Fire Hydrant
J.B.	Junction Box
E.M.	Electric Meter
C.B.	Catch Basin
T.O.	Through Truss
T.W.B.	Treated Wood Box
W.M.	Water Meter
M.W.	Monitoring Well
PUMP	Pump

TRACK

Existing Mainline	—————
Existing Skirting or Spur	—————
Proposed	—————
Remove	-----
Shift	-----
Relay	-----
Surface & Line	-----
Future	-----
Foreign Railroad or Industry	-----
In Buildings or Under Structures	-----
Turnout	-----
Power Turnout	-----
Bumping Post	-----
Earthen Bumper	-----
Inert Retarder	-----
Dowry Retarder	-----
Hayes Derral	-----
Double Switch Point Derral	-----

PROPERTY

Section Line	—————
Center Section Line	-----
Parcel or Easement Line	-----
Right of Way	-----
Former Right of Way	-----
Right of Way to be Acquired	-----
Foreign Right of Way	-----

ROAD CROSSING WARNING DEVICES

CS	Crossbuck Sign
FLW	Flashing Light Warning Device
FLW/G	Flashing Light Warning Device with Gate
CLF	Cantilever Flashing Light Warning Device
CLF/G	Cantilever Flashing Light Signal with Gate

SIGNAL

Absolute Signal	○
Signal Bridge	○
Cantilever Signal	○
ACS or CTC Signal	○
Dwarf Signal	○
Begin CTC	○
Microwave Tower	⊠
AEI	⊠
Battery Box	⊠
Drugging Equipment Detector	⊠
Generator	⊠
Pump	⊠
Hot Box Detector	⊠

STRUCTURES

Culvert	—————
Culvert with Headwalls	—————
Double Culvert	—————
Railroad Bridge	—————
Highway Overpass	—————
Highway Underpass	—————
Tunnel	—————
Building	—————
Flag Pole	—————

OTHER

Embankment	—————
Flow Line	—————
Milepost	—————
Milemarker	—————
Control Point	●
Revision Number	⊠
Revision Cloud	⊠

SIGNS

Stop	⊠
Yard Limit	⊠
1 Mile to Yard Limit	⊠
Whistle Post	⊠
Flanger	⊠
Station	⊠
Reduce Speed	⊠
Resume Speed	⊠
General Purpose	⊠

FENCES

Barbed Wire	—————
Chain Link	—————
Snow / Sand	—————
Cattle Guard	⊠

ROADS

Paved Road	—————
Unimproved Road	-----
Interstate Highway	⊠
Federal Highway	⊠
State Highway	⊠
County Highway	⊠

PERMITTING

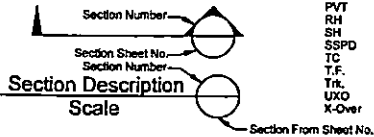
Temporary Workspace - Permitted	⊠
Sensitive Resources - Impacted / Permitted	⊠
Sensitive Resources - Do Not Impact	⊠

CONSTRUCTION

Note (Work by Contractor)	⊠
Note (Work by Others)	⊠
Cut Lines	⊠
Fill Lines	⊠
Grading Limits	⊠

LIGHTING

Light Pole	⊠
Light Tower	⊠

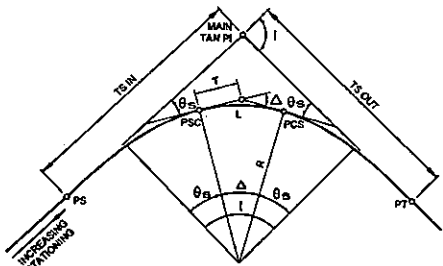
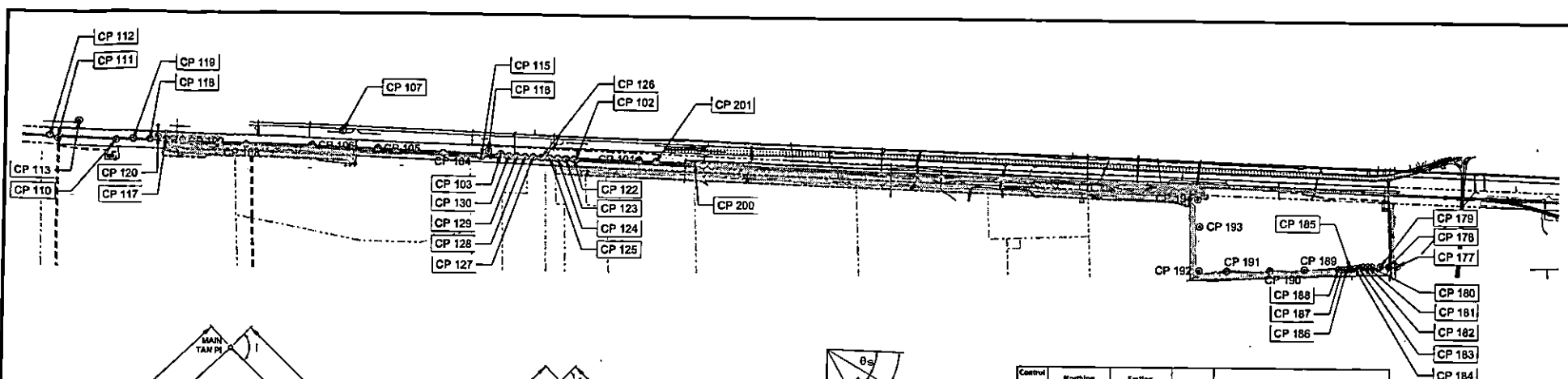


**90% DESIGN
NOT FOR CONSTRUCTION**

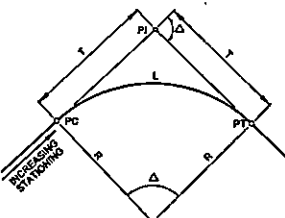
Color: sabb
 I:\SERV\ITEM\Con\Project\used\Worksheets\Clients\B...UPRR\161_Peninsula_506040.tbl
 P:\V\UPRR\0050503\0406040\RR\SHEETS\East_Road_Design\AUG-004.dgn
 8/27/2021 17:27:20

<p>DAVID EVANS AND ASSOCIATES INC. 1645 Greene Prairie Road, Suite 104 College Station, TX 77945 Phone: 979.977.5600</p>		DRAWN BY: IES CHECKED BY: NPG	<p>UNION PACIFIC RAILROAD</p> LOCATION & DESCRIPTION: BIG SANDY, TX MINEOLA SUBDIVISION MP 113.76 - 116.74 CONSTRUCT EAST ROAD ALIGNMENT
		DATE: 8/27/2021 SHEET NUMBER: G004 of G005	

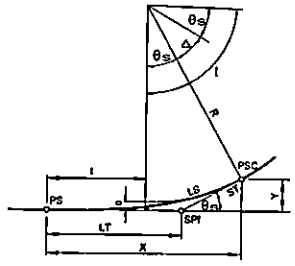
Color table: C:\Users\pcc\OneDrive\Documents\UPRR\Tables\PenUPRR_VB_Femtab1_500RAD.tbl
 PLOT DATE: 8/27/2021 8:27:20 AM
 PLOT TIME: 8:27:20 AM
 PLOT USER: J...



**FIGURE A
CIRCULAR CURVES
WITH SPIRAL TRANSITION**



**FIGURE B
SIMPLE CIRCULAR CURVE**



**FIGURE C
SPIRAL TRANSITION CURVE**

- I - TOTAL INTERSECTION ANGLE
- θ_s - SPIRAL ANGLE = $\frac{L^2}{2R}$
- Δ - CENTRAL ANGLE OF CIRCULAR CURVE = $I - 2\theta_s$
- Dc - DEGREE OF CURVE
- A - RATE OF CHANGE OF DEGREE OF CURVE PER 100' OF LENGTH = $\frac{Dc}{L}$
- R - RADIUS OF CIRCULAR CURVE
- T - TANGENT LENGTH OF CIRCULAR CURVE = $R \tan \frac{\Delta}{2}$
- L - LENGTH OF CIRCULAR CURVE = $\frac{\Delta}{Dc} \times 100$
- PS - TANGENT TO SPIRAL
- PSC - SPIRAL TO CURVE
- PCS - CURVE TO SPIRAL
- PT - SPIRAL TO TANGENT
- MAIN TAN PI - POINT OF INTERSECTION OF MAIN TANGENTS
- (TS IN) - TANGENT LENGTH OF COMPLETE CURVE = $(R + \frac{L^2}{2R}) \tan \frac{I}{2}$

- R = RADIUS OF CIRCULAR CURVE
- Δ = CENTRAL ANGLE OF CIRCULAR CURVE
- $T = R \tan \frac{\Delta}{2}$
- $L = \frac{\Delta}{Dc} \times 100$
- $Dc = 2 \sin^{-1} (50R) =$ DEGREE OF CURVE (CHORD DEFINITION)

- SPIRAL TRANSITION CURVE DATA:
THE SPIRAL USED IS DEFINED BY THE TALBOT SPIRAL.
- LS = LENGTH OF SPIRAL (TS TO PSC)
 - $\theta_s = \frac{L^2}{2R}$
 - $X = 100 L_1 - 0.000782A^2 L_1^3$
 - $Y = 0.2914L_1^3 - 0.0000156A^2 L_1^5$
 - $o = 0.0727AL_1^2$
 - $I = 50L_1 - 0.000127A^2 L_1^3$
 - $ST = \frac{Y}{\sin \theta_s}$
 - $LT = X - \frac{Y}{\tan \theta_s}$
 - $Dc = 2 \sin^{-1} (50R) =$ DEGREE OF CURVE (CHORD DEFINITION)
 - L_1 - TOTAL NO. OF STATIONS IN SPIRAL
 - SPI - SPIRAL POINT OF INTERSECTION
- NOTE: Dc, θ_s , Δ , AND I ARE IN DEGREES.
ALL OTHERS DIMENSIONS ARE FEET.

Control Point	Stationing	Easting	Northing	Description
100	6911818.6343	2999162.2978	216.104	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
101	6911875.7242	2998805.6471	314.512	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
102	6911871.8546	2997616.6496	313.674	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
103	6911929.5165	2996695.8842	305.597	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
104	6911933.6760	2996974.5476	306.308	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
105	6911982.2018	2995197.9773	312.304	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
106	6912021.0568	2994301.8175	317.617	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
107	6912077.0200	2992765.5239	324.957	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
108	6912018.6110	2991282.0883	336.145	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
109	6912087.5648	2992761.6419	332.347	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
110	6912074.7211	2991989.7881	331.870	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
111	6912080.9534	2991287.4665	333.134	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
112	6912124.0868	2991163.7575	332.507	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
113	6912111.3960	2991537.4820	334.779	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
114	6911804.7522	2996456.9832	291.967	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
115	6911959.0213	2996545.0832	294.111	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
117	6912076.0783	2995953.1891	331.247	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
118	6912082.8742	2994940.5775	330.262	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
119	6912088.4765	2992972.4119	330.668	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
120	6912112.5611	2992496.9578	330.283	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
122	6911877.2850	2997565.3349	311.106	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
123	6911881.8296	2997492.6878	310.293	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
124	6911885.0802	2997295.3781	309.946	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
125	6911888.4698	2997094.5688	309.489	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
126	6911892.0594	2997194.7474	309.283	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
127	6911905.8440	2997026.7509	308.471	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
128	6911898.6277	2996944.8175	307.954	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
129	6911902.0684	2996894.5997	307.422	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
130	6911905.2827	2996794.7188	306.753	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
137	6910660.0960	3007057.1959	340.126	IRS 1/2W/PCAPSAMCONTROL
138	6910979.1363	3007502.1249	324.760	IRS 1/2W/PCAPSAMCONTROL
139	6910955.5185	3007453.6700	318.423	IRS 1/2W/PCAPSAMCONTROL
140	6910954.1047	3007349.7809	317.807	IRS 1/2W/PCAPSAMCONTROL
141	6910851.9567	3007297.5842	317.709	IRS 1/2W/PCAPSAMCONTROL
142	6910851.7389	3007246.7638	317.443	IRS 1/2W/PCAPSAMCONTROL
143	6910830.5487	3007194.4304	317.158	IRS 1/2W/PCAPSAMCONTROL
144	6910844.4727	3007144.8126	317.735	IRS 1/2W/PCAPSAMCONTROL
145	6910831.9634	3007094.1530	318.793	IRS 1/2W/PCAPSAMCONTROL
146	6910828.2160	3007044.5773	319.227	IRS 1/2W/PCAPSAMCONTROL
147	6910816.0234	3006984.3063	319.408	IRS 1/2W/PCAPSAMCONTROL
148	6910818.5044	3006942.1581	319.582	IRS 1/2W/PCAPSAMCONTROL
149	6910810.4609	3006891.7678	318.556	IRS 1/2W/PCAPSAMCONTROL
150	6910794.1650	3006837.8768	315.744	IRS 1/2W/PCAPSAMCONTROL
151	6910776.7834	3006786.0262	313.834	IRS 1/2W/PCAPSAMCONTROL
152	6910764.4211	3006734.5318	314.600	IRS 1/2W/PCAPSAMCONTROL
153	691126.7776	2006317.2740	307.075	IRS 1/2W/PCAPSAMCONTROL
154	6911467.8075	3003202.8045	345.884	IRS 1/2W/PCAPSAMCONTROL
200	6912185.7721	2998684.8407	315.746	5/8" IRS W/PCAP STAMPED "SAM CONTROL"
201	6911862.5254	2998066.7187	315.491	5/8" IRS W/PCAP STAMPED "SAM CONTROL"

- CP 178
- CP 178
- CP 177
- CP 180
- CP 181
- CP 182
- CP 183
- CP 184

**90% DESIGN
NOT FOR CONSTRUCTION**

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117553 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543

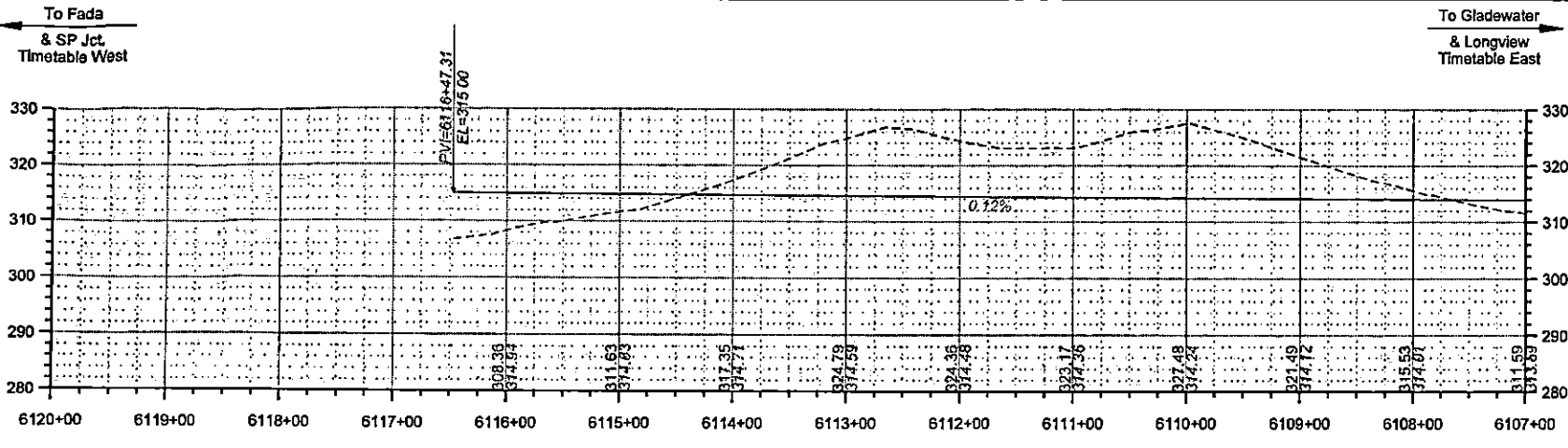
DAVID EVANS AND ASSOCIATES INC.
1645 Greene Prairie Road, Suite 104
College Station, TX 77845
Phone: 979.977.5600



DRAWN BY: IES
CHECKED BY: NPG
DATE: 8/27/2021
SHEET NUMBER: 0005 of 0005

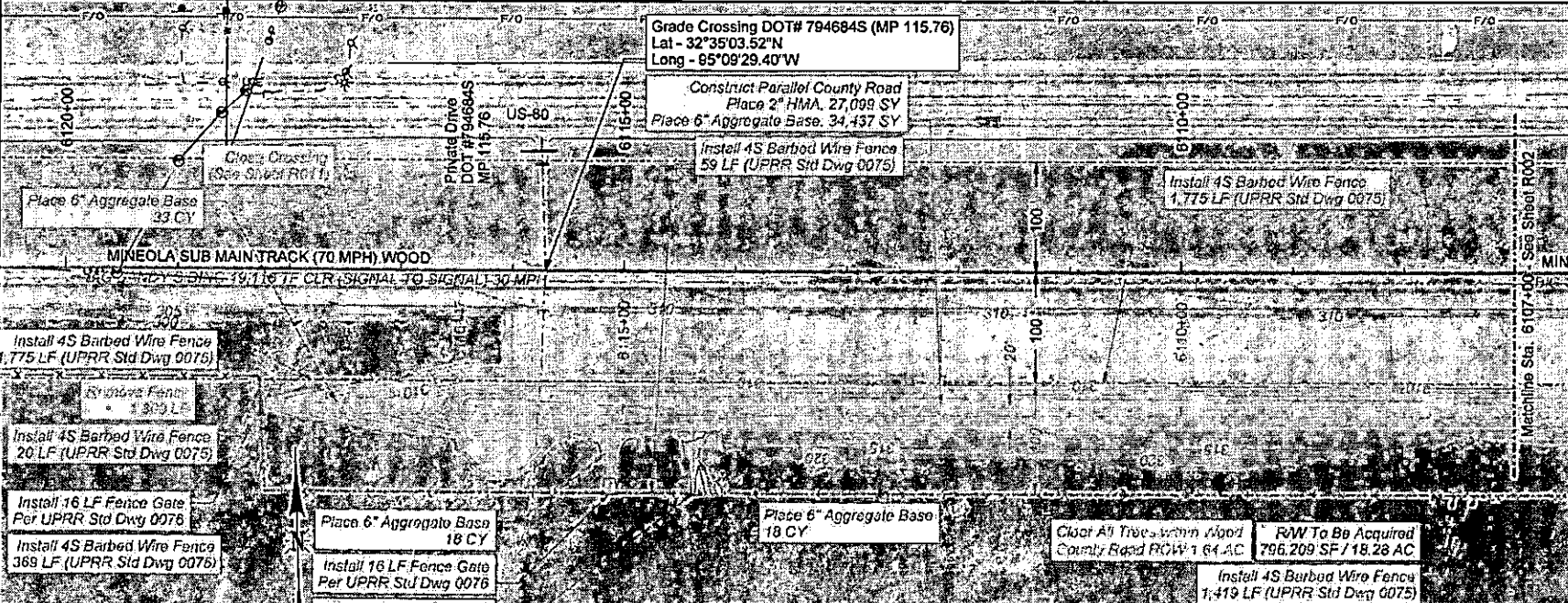
UNION PACIFIC RAILROAD
LOCATION & DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 118.78 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT

SHEET TITLE: CONTROL POINTS, GEOMETRY, & KEY MAP



LEGEND - STANDARD HIGHWAY SIGNS

-
-
-
-
-
-
-
-
-
-
-
-
-



Color table: C:\projects\2021\02\16\161116\161116_UPRR_Track_Plan_Profile_050600.dwg
 P:\N\PR000020\2021\02\16\161116\161116_UPRR_Track_Plan_Profile_050600.dwg
 6/27/2021 9:27:02AM

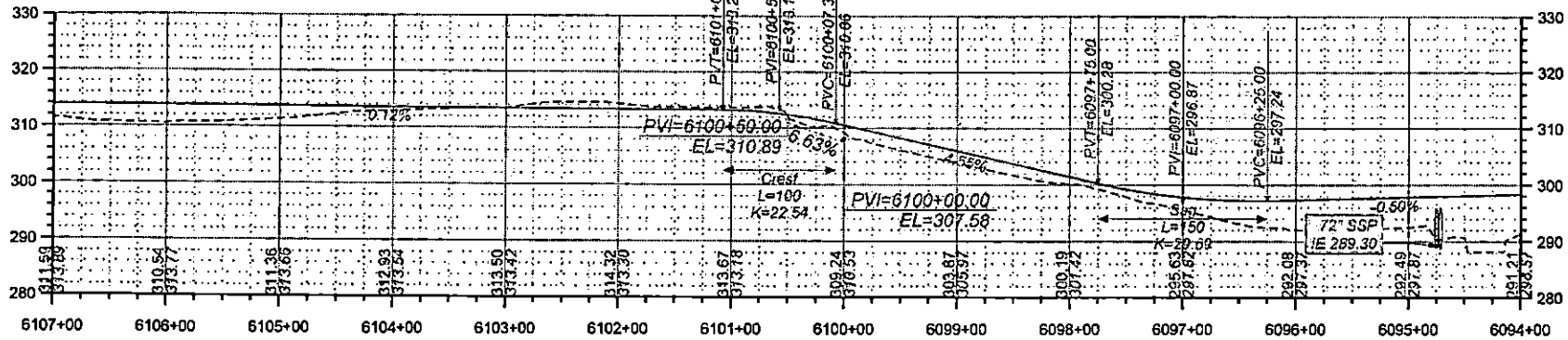
<p>THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVA J. TURNER, P.E. 117553 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.</p> <p>TEXAS REGISTERED ENGINEERING FIRM F-5543</p>	<p>DAVID EVANS AND ASSOCIATES INC. 1645 Greene Prairie Road, Suite 104 Colago Station, TX 77645 Phone: 979.977.5600</p>	<p>UNION PACIFIC RAILROAD</p>	<p>DRAWN BY: IES CHECKED BY: NPG DATE: 8/27/2021 SHEET NUMBER: RD01 of RD14</p>
---	--	--------------------------------------	---

<p>UNION PACIFIC RAILROAD</p>	<p>LOCATION & DESCRIPTION: BIG SANDY, TX MINEOLA SUBDIVISION MP 113.76 - 116.74 CONSTRUCT EAST ROAD ALIGNMENT</p> <p>SHEET TITLE: ROADWAY PLAN AND PROFILE</p>
--------------------------------------	--

SCALE: 1"=40'

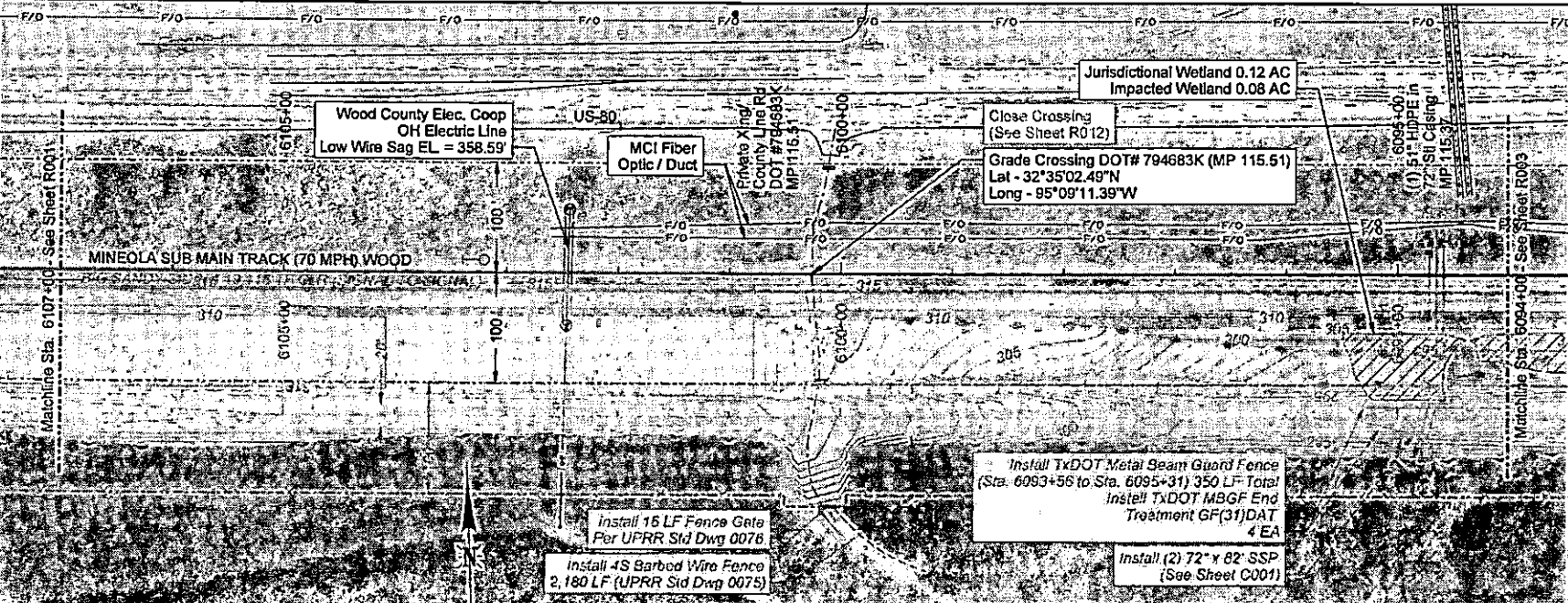
To Fada
& SP Jct.
Timetable West

To Gladwater
& Longview
Timetable East



LEGEND -
STANDARD HIGHWAY SIGNS

- STOP
- R1-1
- W1-1L
- W1-1R
- W1-4L
- W1-4R
- W1-6L
- W1-6R
- W10-1
- W10-2L
- W10-2R
- 15 M.P.H.
- W13-1P



Install 16 LF Fence Gate
Per UPRR Sid Dwg 0076

Install 4S Barbed Wire Fence
2,180 LF (UPRR Sid Dwg 0075)

Install TxDOT Metal Seam Guard Fence
(Sta. 6093+56 to Sta. 6095+31) 350 LF Total
Install TxDOT MBGF End Treatment GF(31)DAT
4 EA

Install (2) 72" x 82" SSP
(See Sheet C001)

90% DESIGN
NOT FOR CONSTRUCTION



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEV J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543

DAVID EVANS AND ASSOCIATES INC.
1645 Orleans Prairie Road, Suite 104
College Station, TX 77845
Phone: 979/977-5600

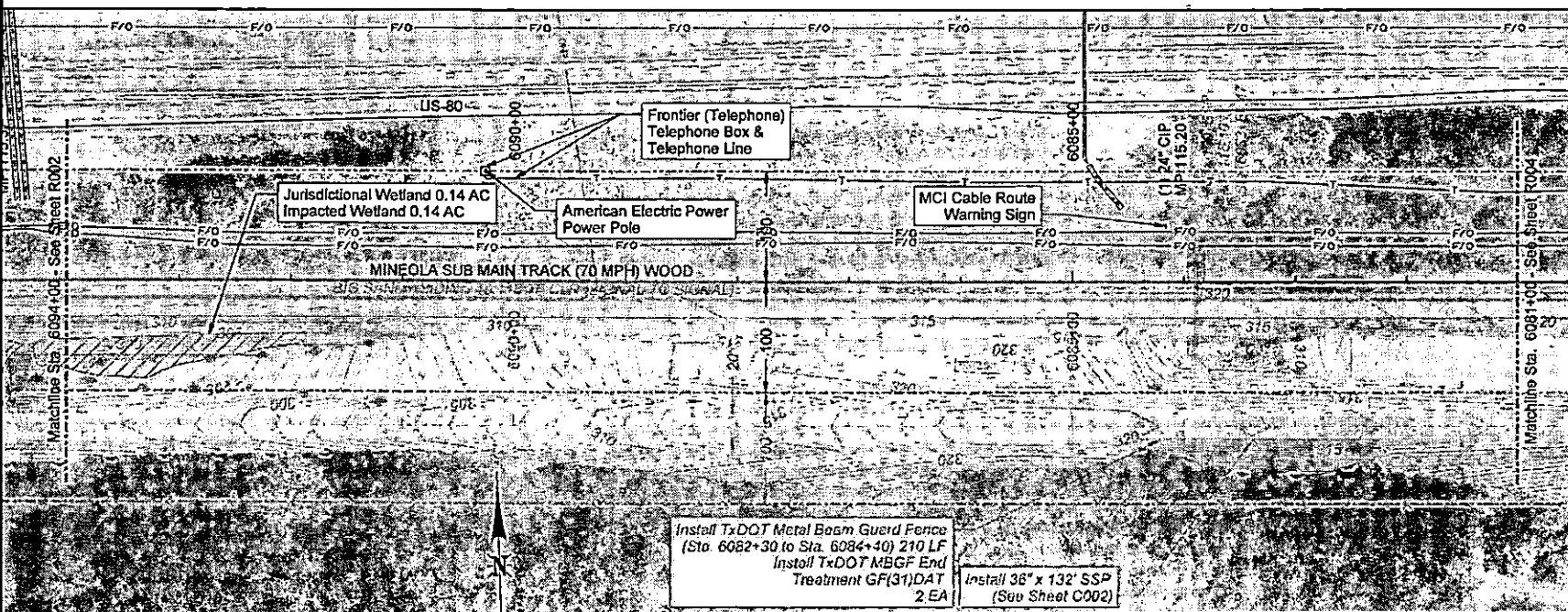
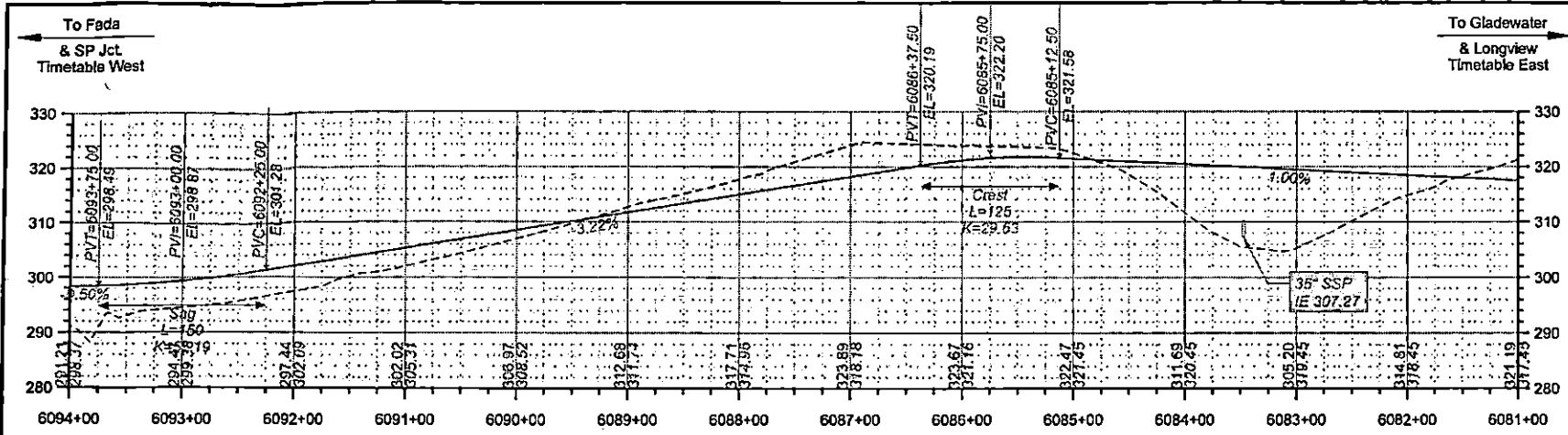


DRAWN BY: IES
CHECKED BY: NPG
DATE: 8/27/2021
SHEET NUMBER: R002 of R014

UNION PACIFIC RAILROAD
LOCATION & DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.76 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT
SHEET TITLE: ROADWAY PLAN AND PROFILE

Color: tab1et
 I:\BENTLEY\CC\work\cso08\Work\essess\Clien\A\B\UPRR\Tables\Plan\UPRR_V8_Pentable_806260.dwg
 P:\UPRR\00000505\G000C\04\RR_SHEETS\East_Road_Design\01-0020041.dwg
 8/27/2021 8:27:16:20

Color table: \\srm\apps\dot\work\projects\client\AB_UPRR\Tab\Pen\UPRR_V6_Pennable_509940.tbl
 INVENTRY: 05/03/2010 09:00:00 AM SHEET: 1 of 1
 P:\210220\6-22-12\22



LEGEND - STANDARD HIGHWAY SIGNS

- STOP
- R1-R
- W1-1L
- W1-1R
- W1-4L
- W1-4R
- W1-6L
- W1-6R
- W10-1
- W10-2L
- W10-2R
- 15 M.P.H.
- W13-1P

90% DESIGN
 NOT FOR CONSTRUCTION

SCALE IN FEET
 0 100 200

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEV J. TURNER, P.E. 117593 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

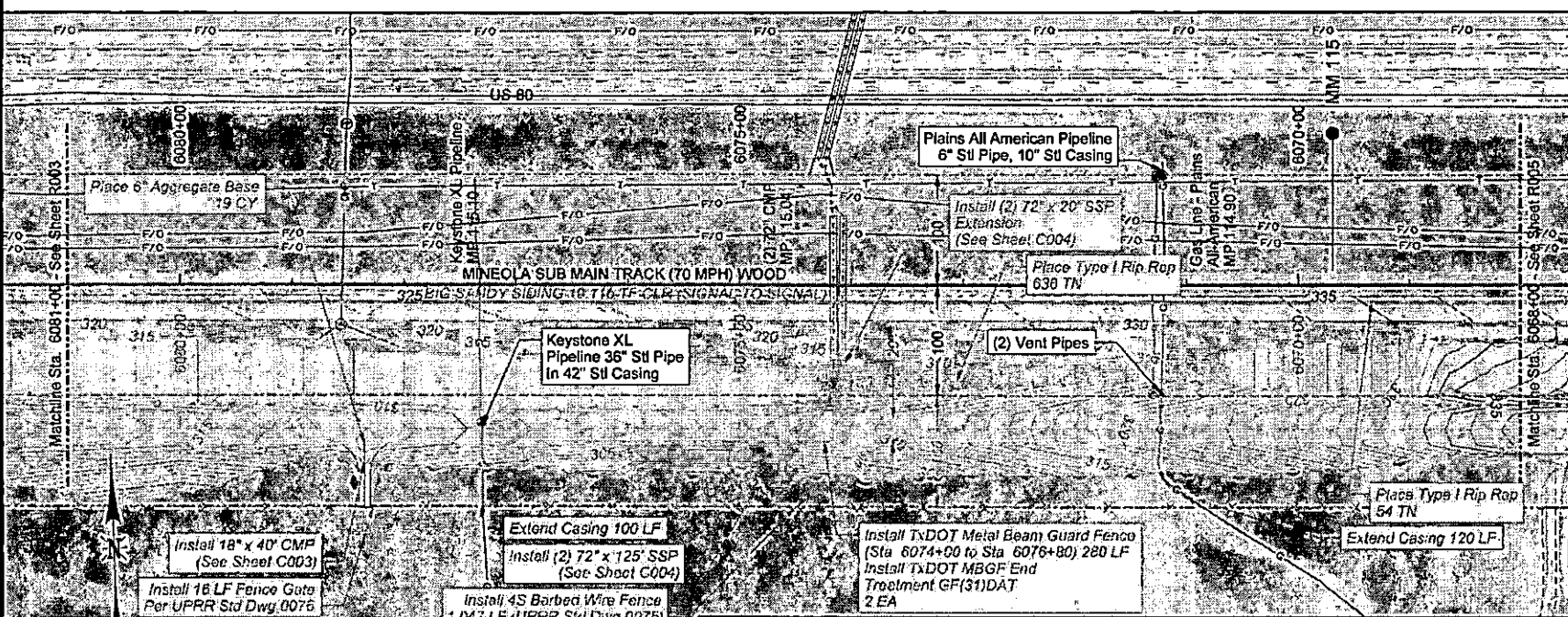
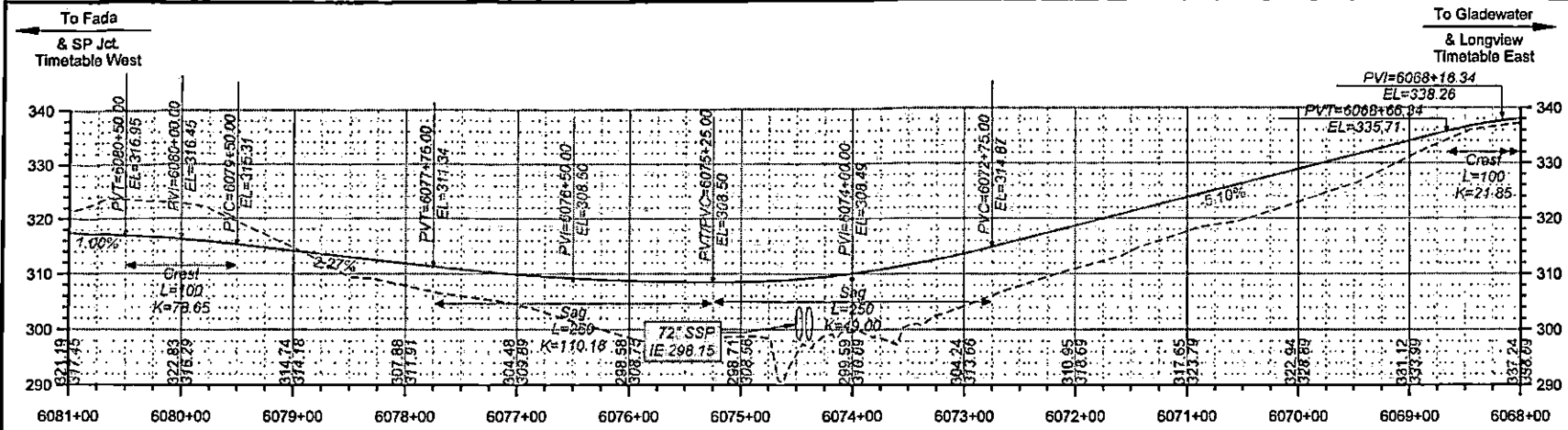
DAVID EVANS ASSOCIATES INC.
 1645 Owens Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979.977.5600


















DRAWN BY: IES
 CHECKED BY: NPG
 DATE: 8/27/2021
 SHEET NUMBER: R003 of R018

UNION PACIFIC RAILROAD
 LOCATION & DESCRIPTION: BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT SIDING EXTENSION
 SHEET TITLE: ROADWAY PLAN AND PROFILE

Color: \\bsv11\c\projects\16100000\16100000.dwg User: JEP Date: 8/21/2021 8:21:20 AM
Color: \\bsv11\c\projects\16100000\16100000.dwg User: JEP Date: 8/21/2021 8:21:20 AM
Color: \\bsv11\c\projects\16100000\16100000.dwg User: JEP Date: 8/21/2021 8:21:20 AM



LEGEND - STANDARD HIGHWAY SIGNS

-  STOP
-  R1-1
-  W1-1R
-  W1-4R
-  W1-6R
-  W10-1R
-  W13-1R
-  W1-1L
-  W1-4L
-  W1-6L
-  W10-2L
-  W10-2R
-  R/R
-  W10-1
-  W10-2

90% DESIGN
NOT FOR CONSTRUCTION



SCALE IN FEET

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEV J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

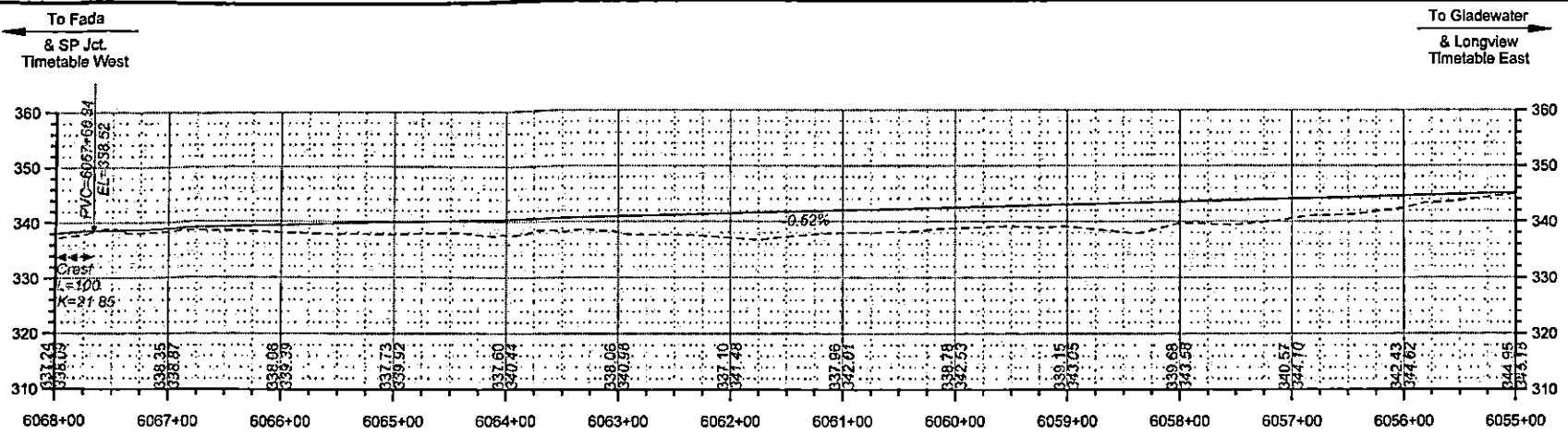


DAVID EVANS AND ASSOCIATES INC.
 1645 Crooks Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979-977-5600



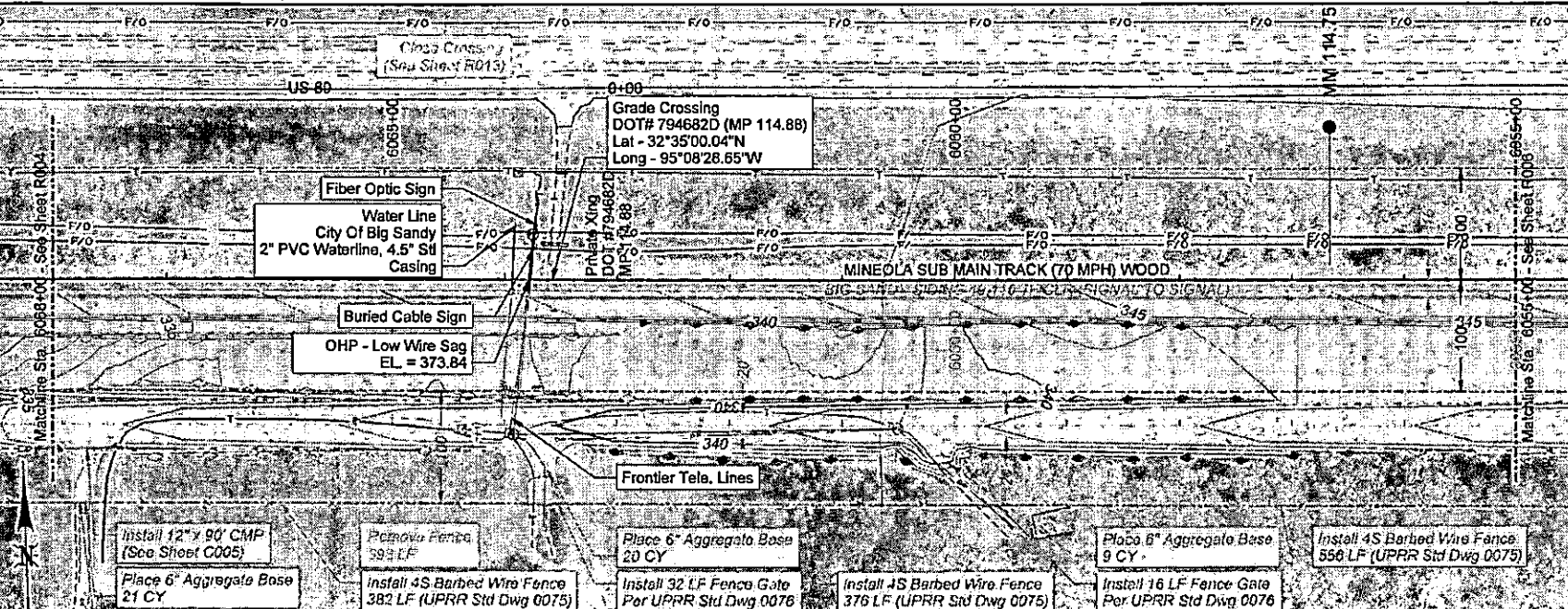
UNION PACIFIC

DRAWN BY: IEG CHECKED BY: NPG DATE: 8/27/2021 SHEET NUMBER: R004 of R014	UNION PACIFIC RAILROAD LOCATION & DESCRIPTION: BIG SANDY, TX MINEOLA SUBDIVISION MP 113.76 - 116.74 CONSTRUCT EAST ROAD ALIGNMENT SHEET TITLE: ROADWAY PLAN AND PROFILE
---	--



LEGEND - STANDARD HIGHWAY SIGNS

- STOP
- R1-1
- W1-1L
- W1-1R
- W1-4L
- W1-4R
- W1-6L
- W1-6R
- W10-1
- W10-2L
- W10-2R
- 15 M.P.H. W13-1P



90% DESIGN
NOT FOR CONSTRUCTION

100 0 100 200
SCALE IN FEET

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 04/8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543

DAVID EVANS AND ASSOCIATES INC.
1645 Crooked Prairie Road, Suite 104
College Station, TX 77845
Phone: 979.977.5600

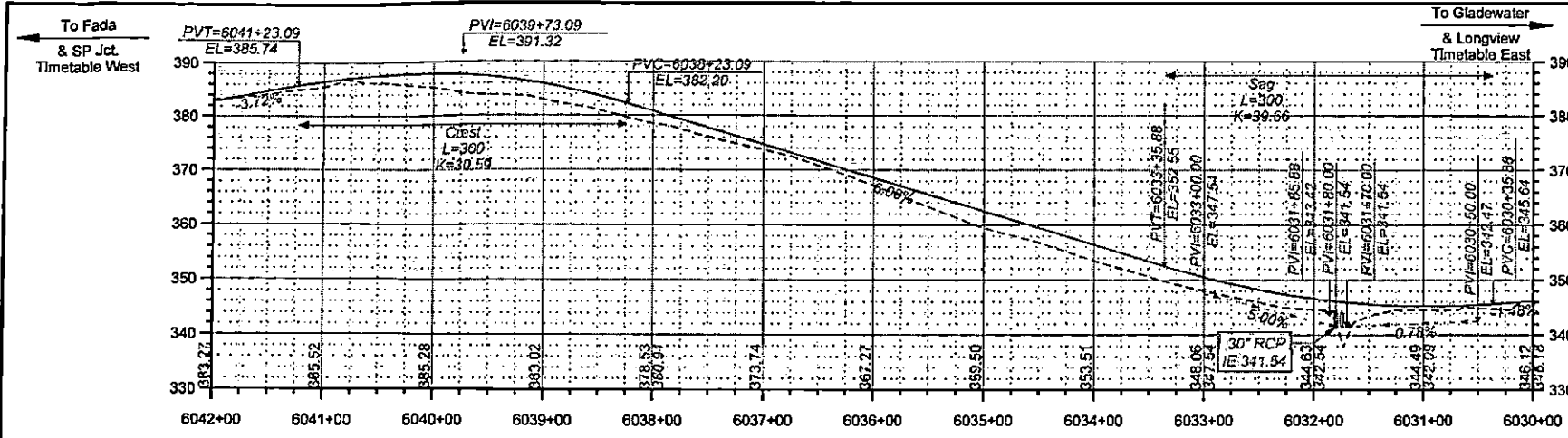
UNION PACIFIC RAILROAD

DRAWN BY: IES
CHECKED BY: NPG
DATE: 8/27/2021
SHEET NUMBER: R005 of R014

LOCATION & DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.76 - 118.74
CONSTRUCT EAST ROAD ALIGNMENT

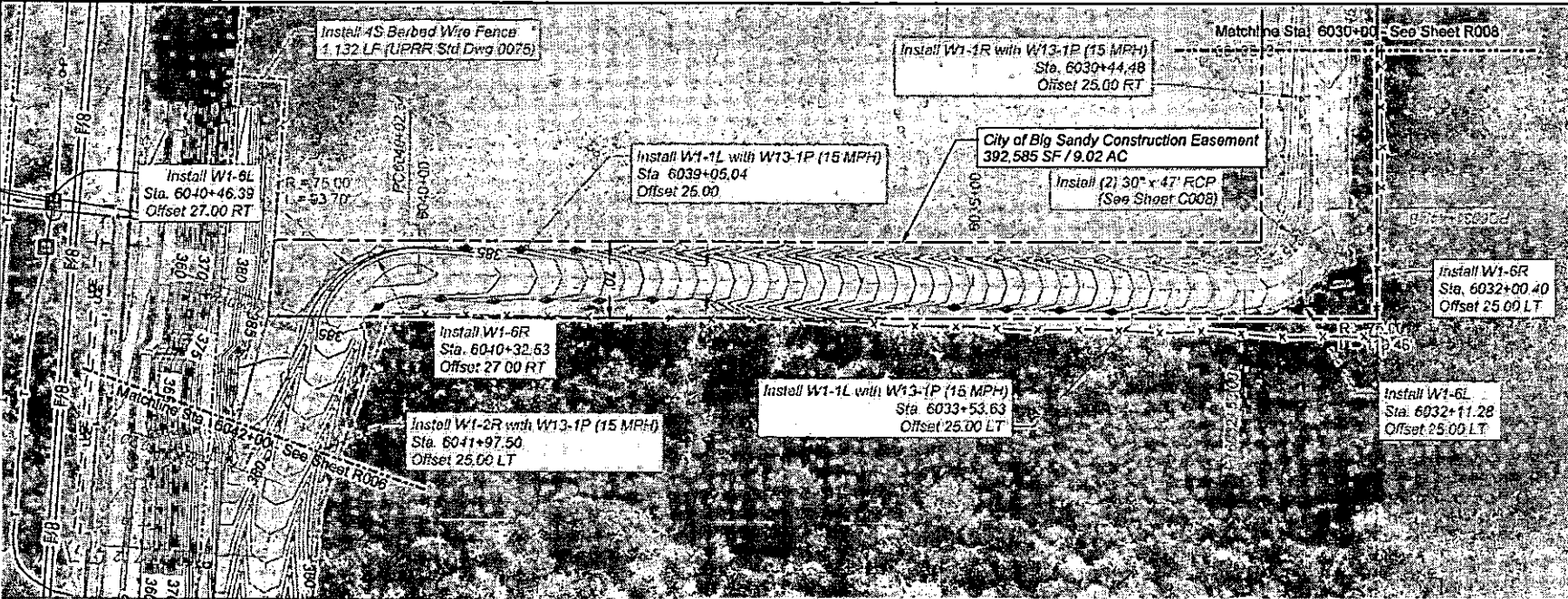
SHEET TITLE: ROADWAY PLAN AND PROFILE

Color: 02/27/2021 8:27:20Z
 User: jessica.citran@uprr.com
 File: C:\Users\jessica.citran\Documents\Projects\UPRR\Tables\Plan\UPRR_VB_Planable_506600.dwg
 Plot: 02/27/2021 8:27:20Z



LEGEND - STANDARD HIGHWAY SIGN

- STOP
- R-T
- W1-1L
- W1-1R
- W1-1L
- W1-4R
- W1-6L
- W1-6R
- W10-1
- W10-2L
- W10-2R
- 15 MPH
- W13-1P



Color: Job: 16
 DATE: 8/27/2021 8:27:02 AM
 DRAWN BY: IES
 CHECKED BY: NPG
 DATE: 8/27/2021
 SHEET NUMBER: R007 of R014

90% DESIGN
NOT FOR CONSTRUCTION

SCALE IN FEET

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117583 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543

DAVID EVANS AND ASSOCIATES INC.
1645 Greens Prairie Road, Suite 104
College Station, TX 77845
Phone: 979.977.5600

UNION PACIFIC RAILROAD

UNION PACIFIC RAILROAD
LOCATION & DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.76 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT
SHEET TITLE: ROADWAY PLAN AND PROFILE

90% DESIGN
NOT FOR CONSTRUCTION

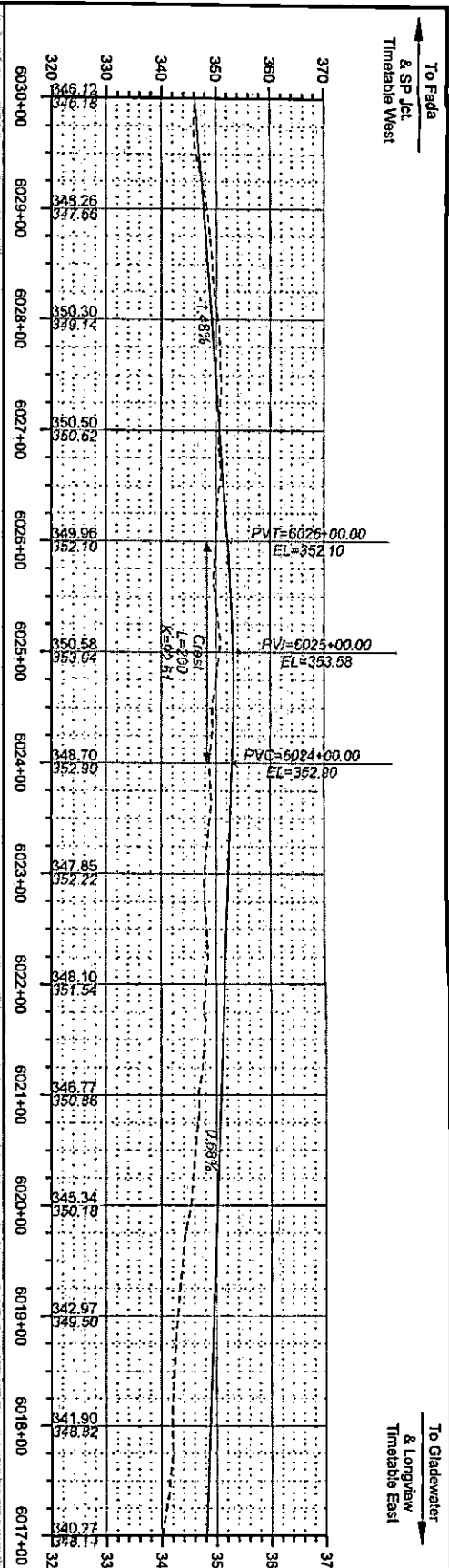
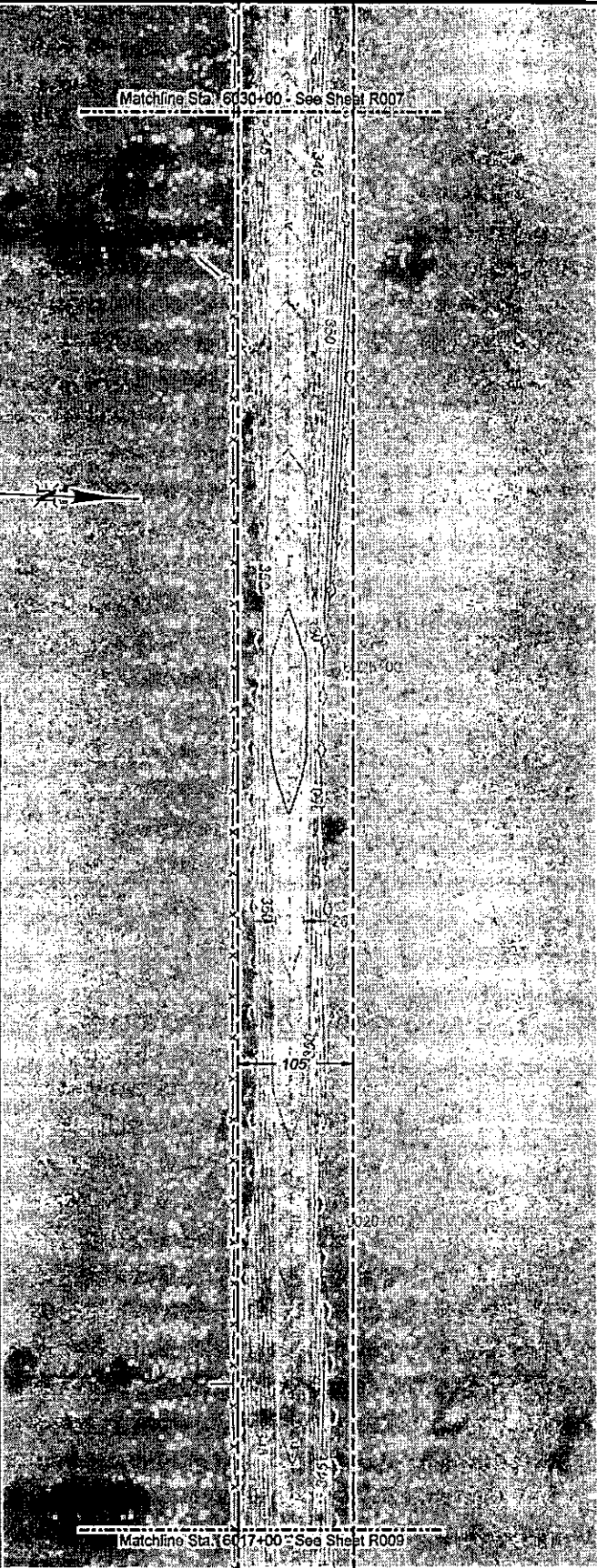


THIS DOCUMENT IS RELEASED FOR THE
 AUTHORITY OF LMA NUMBER P-11788
 ON 08/27/2021. IT IS NOT TO BE USED FOR
 PERMIT, BIDDING, OR CONSTRUCTION
 PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM P-5543

**DAVID EVANS
 AND ASSOCIATES
 INC.**
 845 George P. Shiner Road, Suite 100
 College Station, TX 77945
 Phone: 979/377-5600

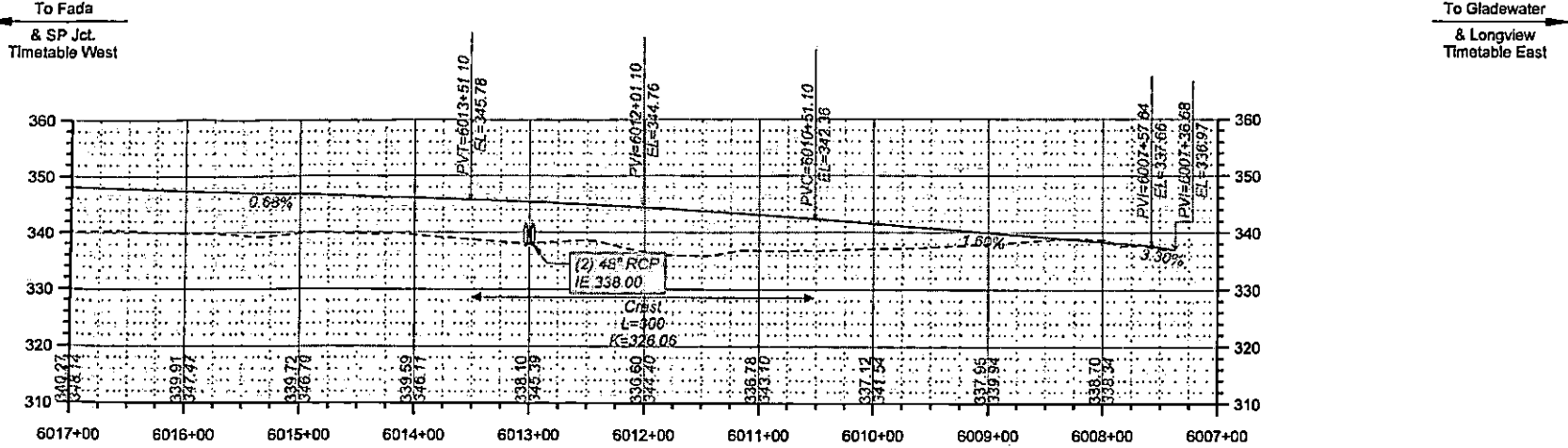


DESIGNED BY	ES	UNION PACIFIC
CHECKED BY	WJL	UNION PACIFIC
DATE	08/27/2021	CONSTRUCTION
PROJECT NUMBER	008	AMENOLA SUBDIVISION MP 113.76 - 118.74
SHEET TITLE	ROADWAY PLAN AND PROFILE	CONSTRUCT EAST ROAD ALIGNMENT



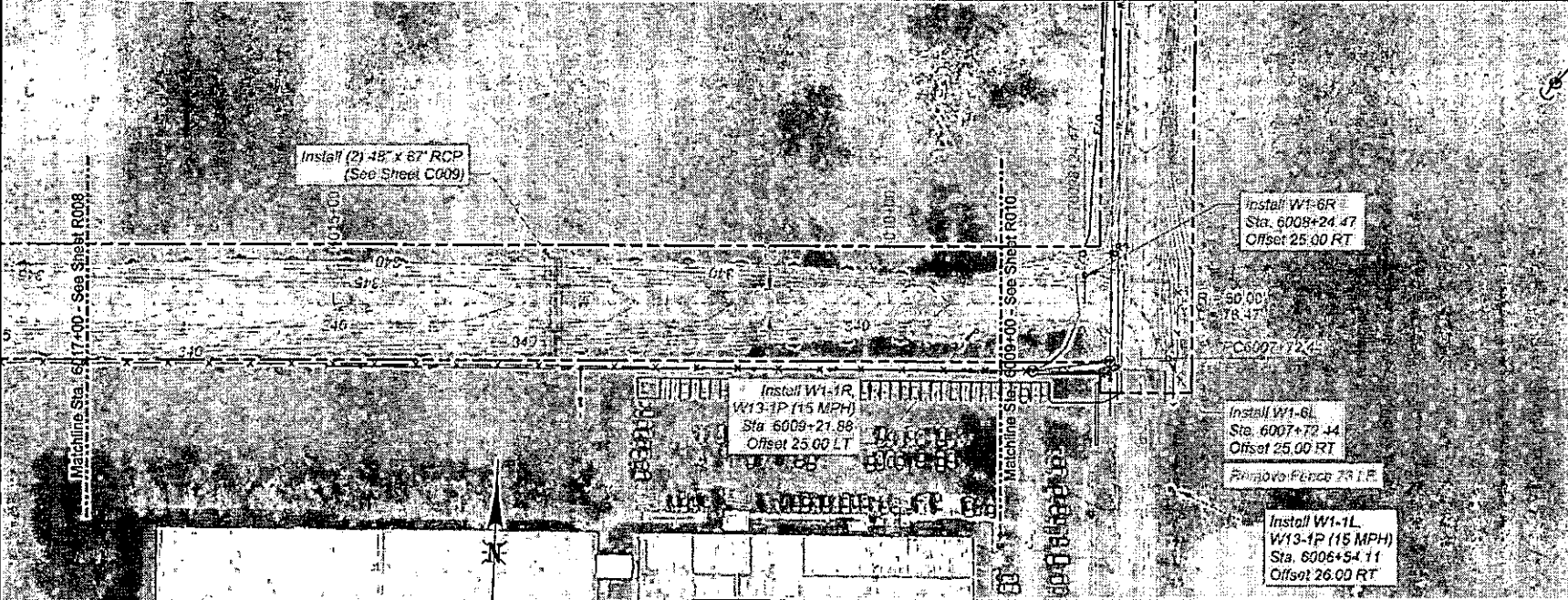
LEGEND - STANDARD HIGHWAY SIGNS

\\sbs\apps\planning\engineers\61\Montepassa\Chen\A\6_10_PRR_Tables\Fem\UPRR_Y81_Pentable_50DRAD.tbl
DATE PLOTTED: 8/21/2021 8:27:23 AM
C:\Users\mle\OneDrive\Documents\Projects\UPRR\Y81\Road_Road_Design\UPRR_005000.dgn



LEGEND - STANDARD HIGHWAY SIGNS

- STOP
- R-1
- W1-1L
- W1-1R
- W1-1L
- W1-4R
- W1-6L
- W1-6R
- W10-1
- W10-2L
- W10-2R
- 15 M.P.H.
- W13-1P



90% DESIGN NOT FOR CONSTRUCTION

SCALE IN FEET

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543

DAVID EVANS AND ASSOCIATES INC.
245 Greene Prairie Road, Suite 104
College Station, TX 77845
Phone: 678.977.5600

UNION PACIFIC RAILROAD

DRAWN BY: IES	LOCATION & DESCRIPTION: BIG SANDY, TX
CHECKED BY: NPG	MINEOLA SUBDIVISION MP 113.76 - 116.74
DATE: 8/27/2021	CONSTRUCT EAST ROAD ALIGNMENT
SHEET NUMBER: R009 of R014	SHEET TITLE: ROADWAY PLAN AND PROFILE

UNION PACIFIC RAILROAD

90% DESIGN
NOT FOR CONSTRUCTION

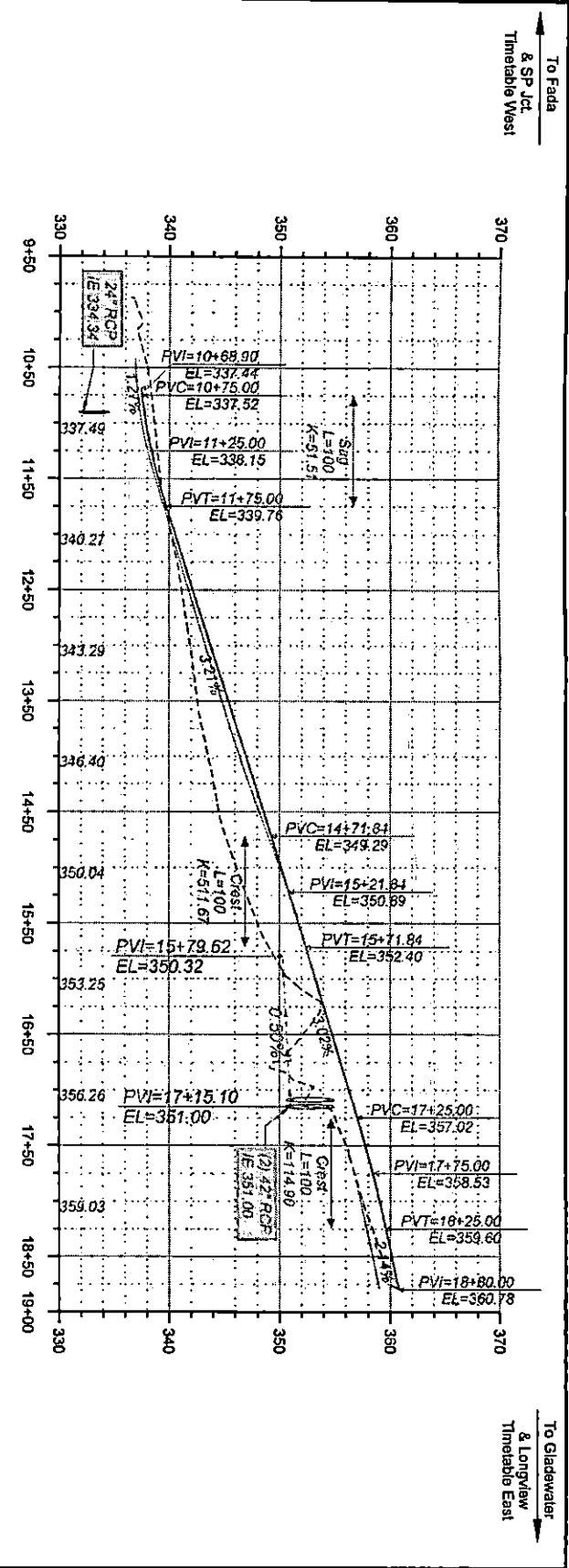
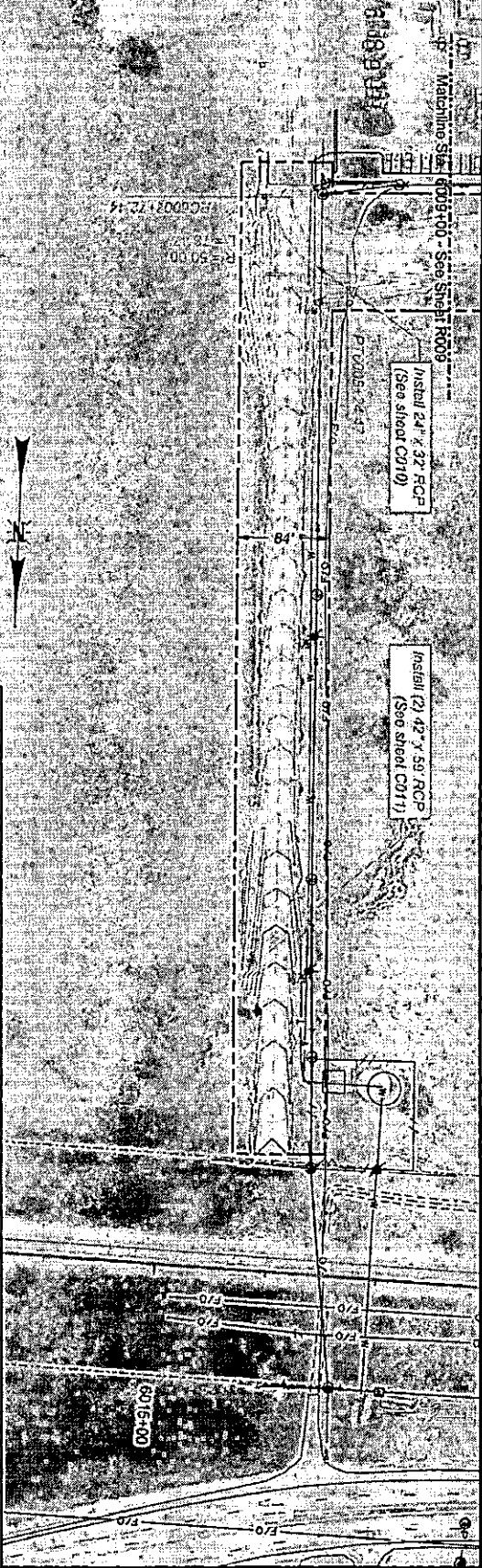


THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 111593 ON BEHALF OF ITS NOT TO BE USED FOR PROPOSING, OR CONSTRUCTION PURPOSES. TEXAS REGISTERED ENGINEERING FIRM # 4543

DAVID EVANS AND ASSOCIATES, INC.
 845 Greenfield Road, Suite 104
 College Station, TX 77845
 Phone: 0799775500



UNION PACIFIC RAILROAD
 PROJECT NO. 15
 DATE: 02/27/2021
 DRAWN BY: [Name]
 CHECKED BY: [Name]
 PROJECT TITLE: ROADWAY PLAN AND PROFILE



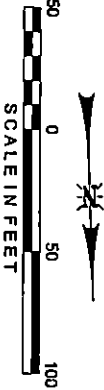
To Fada & SP Jct. Timetable West

To Gladewater & Longview Timetable East

LEGEND - STANDARD HIGHWAY SIGNS

- STOP
- W1-1L (Left Turn Arrow)
- W1-1R (Right Turn Arrow)
- W1-2L (Left Turn Arrow with Yield)
- W1-2R (Right Turn Arrow with Yield)
- W1-4R (Right Turn Arrow)
- W1-4L (Left Turn Arrow)
- W1-6L (Left Turn Arrow)
- W1-6R (Right Turn Arrow)
- W1-8L (Left Turn Arrow)
- W1-8R (Right Turn Arrow)
- W1-9L (Left Turn Arrow)
- W1-9R (Right Turn Arrow)
- W1-10L (Left Turn Arrow)
- W1-10R (Right Turn Arrow)
- W1-11L (Left Turn Arrow)
- W1-11R (Right Turn Arrow)
- W1-12L (Left Turn Arrow)
- W1-12R (Right Turn Arrow)
- W1-13L (Left Turn Arrow)
- W1-13R (Right Turn Arrow)
- W1-14L (Left Turn Arrow)
- W1-14R (Right Turn Arrow)
- W1-15L (Left Turn Arrow)
- W1-15R (Right Turn Arrow)
- W1-16L (Left Turn Arrow)
- W1-16R (Right Turn Arrow)
- W1-17L (Left Turn Arrow)
- W1-17R (Right Turn Arrow)
- W1-18L (Left Turn Arrow)
- W1-18R (Right Turn Arrow)
- W1-19L (Left Turn Arrow)
- W1-19R (Right Turn Arrow)
- W1-20L (Left Turn Arrow)
- W1-20R (Right Turn Arrow)
- W1-21L (Left Turn Arrow)
- W1-21R (Right Turn Arrow)
- W1-22L (Left Turn Arrow)
- W1-22R (Right Turn Arrow)
- W1-23L (Left Turn Arrow)
- W1-23R (Right Turn Arrow)
- W1-24L (Left Turn Arrow)
- W1-24R (Right Turn Arrow)
- W1-25L (Left Turn Arrow)
- W1-25R (Right Turn Arrow)
- W1-26L (Left Turn Arrow)
- W1-26R (Right Turn Arrow)
- W1-27L (Left Turn Arrow)
- W1-27R (Right Turn Arrow)
- W1-28L (Left Turn Arrow)
- W1-28R (Right Turn Arrow)
- W1-29L (Left Turn Arrow)
- W1-29R (Right Turn Arrow)
- W1-30L (Left Turn Arrow)
- W1-30R (Right Turn Arrow)
- W1-31L (Left Turn Arrow)
- W1-31R (Right Turn Arrow)
- W1-32L (Left Turn Arrow)
- W1-32R (Right Turn Arrow)
- W1-33L (Left Turn Arrow)
- W1-33R (Right Turn Arrow)
- W1-34L (Left Turn Arrow)
- W1-34R (Right Turn Arrow)
- W1-35L (Left Turn Arrow)
- W1-35R (Right Turn Arrow)
- W1-36L (Left Turn Arrow)
- W1-36R (Right Turn Arrow)
- W1-37L (Left Turn Arrow)
- W1-37R (Right Turn Arrow)
- W1-38L (Left Turn Arrow)
- W1-38R (Right Turn Arrow)
- W1-39L (Left Turn Arrow)
- W1-39R (Right Turn Arrow)
- W1-40L (Left Turn Arrow)
- W1-40R (Right Turn Arrow)
- W1-41L (Left Turn Arrow)
- W1-41R (Right Turn Arrow)
- W1-42L (Left Turn Arrow)
- W1-42R (Right Turn Arrow)
- W1-43L (Left Turn Arrow)
- W1-43R (Right Turn Arrow)
- W1-44L (Left Turn Arrow)
- W1-44R (Right Turn Arrow)
- W1-45L (Left Turn Arrow)
- W1-45R (Right Turn Arrow)
- W1-46L (Left Turn Arrow)
- W1-46R (Right Turn Arrow)
- W1-47L (Left Turn Arrow)
- W1-47R (Right Turn Arrow)
- W1-48L (Left Turn Arrow)
- W1-48R (Right Turn Arrow)
- W1-49L (Left Turn Arrow)
- W1-49R (Right Turn Arrow)
- W1-50L (Left Turn Arrow)
- W1-50R (Right Turn Arrow)
- W1-51L (Left Turn Arrow)
- W1-51R (Right Turn Arrow)
- W1-52L (Left Turn Arrow)
- W1-52R (Right Turn Arrow)
- W1-53L (Left Turn Arrow)
- W1-53R (Right Turn Arrow)
- W1-54L (Left Turn Arrow)
- W1-54R (Right Turn Arrow)
- W1-55L (Left Turn Arrow)
- W1-55R (Right Turn Arrow)
- W1-56L (Left Turn Arrow)
- W1-56R (Right Turn Arrow)
- W1-57L (Left Turn Arrow)
- W1-57R (Right Turn Arrow)
- W1-58L (Left Turn Arrow)
- W1-58R (Right Turn Arrow)
- W1-59L (Left Turn Arrow)
- W1-59R (Right Turn Arrow)
- W1-60L (Left Turn Arrow)
- W1-60R (Right Turn Arrow)
- W1-61L (Left Turn Arrow)
- W1-61R (Right Turn Arrow)
- W1-62L (Left Turn Arrow)
- W1-62R (Right Turn Arrow)
- W1-63L (Left Turn Arrow)
- W1-63R (Right Turn Arrow)
- W1-64L (Left Turn Arrow)
- W1-64R (Right Turn Arrow)
- W1-65L (Left Turn Arrow)
- W1-65R (Right Turn Arrow)
- W1-66L (Left Turn Arrow)
- W1-66R (Right Turn Arrow)
- W1-67L (Left Turn Arrow)
- W1-67R (Right Turn Arrow)
- W1-68L (Left Turn Arrow)
- W1-68R (Right Turn Arrow)
- W1-69L (Left Turn Arrow)
- W1-69R (Right Turn Arrow)
- W1-70L (Left Turn Arrow)
- W1-70R (Right Turn Arrow)
- W1-71L (Left Turn Arrow)
- W1-71R (Right Turn Arrow)
- W1-72L (Left Turn Arrow)
- W1-72R (Right Turn Arrow)
- W1-73L (Left Turn Arrow)
- W1-73R (Right Turn Arrow)
- W1-74L (Left Turn Arrow)
- W1-74R (Right Turn Arrow)
- W1-75L (Left Turn Arrow)
- W1-75R (Right Turn Arrow)
- W1-76L (Left Turn Arrow)
- W1-76R (Right Turn Arrow)
- W1-77L (Left Turn Arrow)
- W1-77R (Right Turn Arrow)
- W1-78L (Left Turn Arrow)
- W1-78R (Right Turn Arrow)
- W1-79L (Left Turn Arrow)
- W1-79R (Right Turn Arrow)
- W1-80L (Left Turn Arrow)
- W1-80R (Right Turn Arrow)
- W1-81L (Left Turn Arrow)
- W1-81R (Right Turn Arrow)
- W1-82L (Left Turn Arrow)
- W1-82R (Right Turn Arrow)
- W1-83L (Left Turn Arrow)
- W1-83R (Right Turn Arrow)
- W1-84L (Left Turn Arrow)
- W1-84R (Right Turn Arrow)
- W1-85L (Left Turn Arrow)
- W1-85R (Right Turn Arrow)
- W1-86L (Left Turn Arrow)
- W1-86R (Right Turn Arrow)
- W1-87L (Left Turn Arrow)
- W1-87R (Right Turn Arrow)
- W1-88L (Left Turn Arrow)
- W1-88R (Right Turn Arrow)
- W1-89L (Left Turn Arrow)
- W1-89R (Right Turn Arrow)
- W1-90L (Left Turn Arrow)
- W1-90R (Right Turn Arrow)
- W1-91L (Left Turn Arrow)
- W1-91R (Right Turn Arrow)
- W1-92L (Left Turn Arrow)
- W1-92R (Right Turn Arrow)
- W1-93L (Left Turn Arrow)
- W1-93R (Right Turn Arrow)
- W1-94L (Left Turn Arrow)
- W1-94R (Right Turn Arrow)
- W1-95L (Left Turn Arrow)
- W1-95R (Right Turn Arrow)
- W1-96L (Left Turn Arrow)
- W1-96R (Right Turn Arrow)
- W1-97L (Left Turn Arrow)
- W1-97R (Right Turn Arrow)
- W1-98L (Left Turn Arrow)
- W1-98R (Right Turn Arrow)
- W1-99L (Left Turn Arrow)
- W1-99R (Right Turn Arrow)
- W1-100L (Left Turn Arrow)
- W1-100R (Right Turn Arrow)

90% DESIGN
 NOT FOR CONSTRUCTION



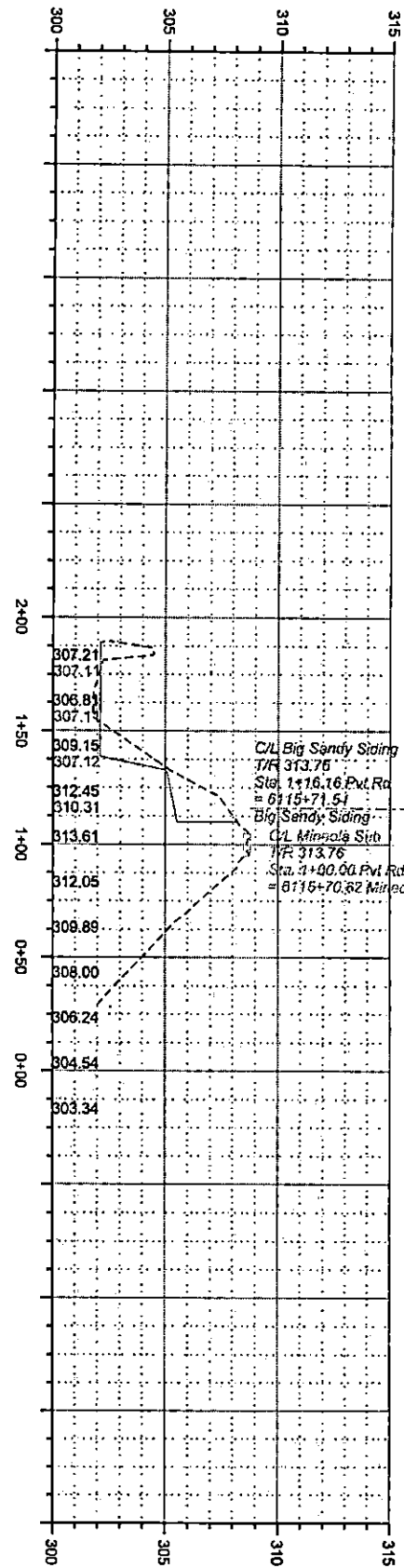
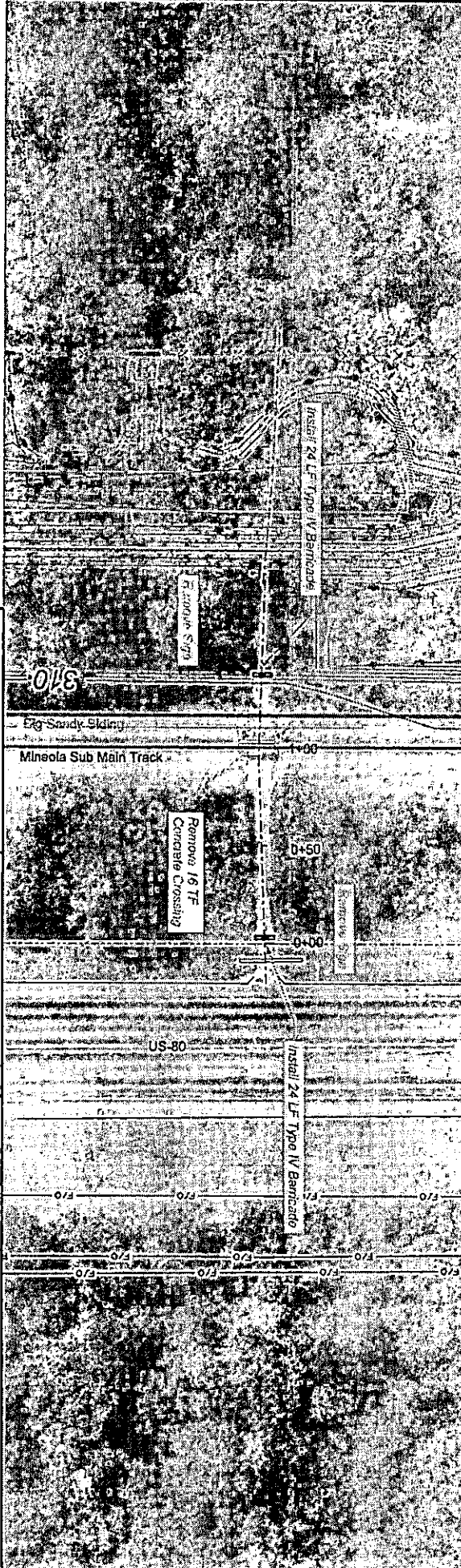
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117693 ON 8/21/2021. THIS IS NOT TO BE USED FOR PURPOSES OF BIDDING OR CONSTRUCTION. TEXAS REGISTERED ENGINEERING FIRM F-5543

DAVID EVANS AND ASSOCIATES, INC.
 345 Green Point Road, Suite 101
 College Station, TX 77945
 Phone: 079/3775000

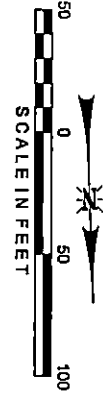


DATE: 8/21/2021
 SHEET NUMBER: R011 of R018

UNION PACIFIC RAILROAD
 BIG SANDY, TX
 MINNOLA SUBDIVISION MP 113.78 - 116.74
 CONSTRUCT SIDING EXTENSION
 PRIVATE ROAD MP 115.76 CROSSING CLOSURE



90% DESIGN
 NOT FOR CONSTRUCTION



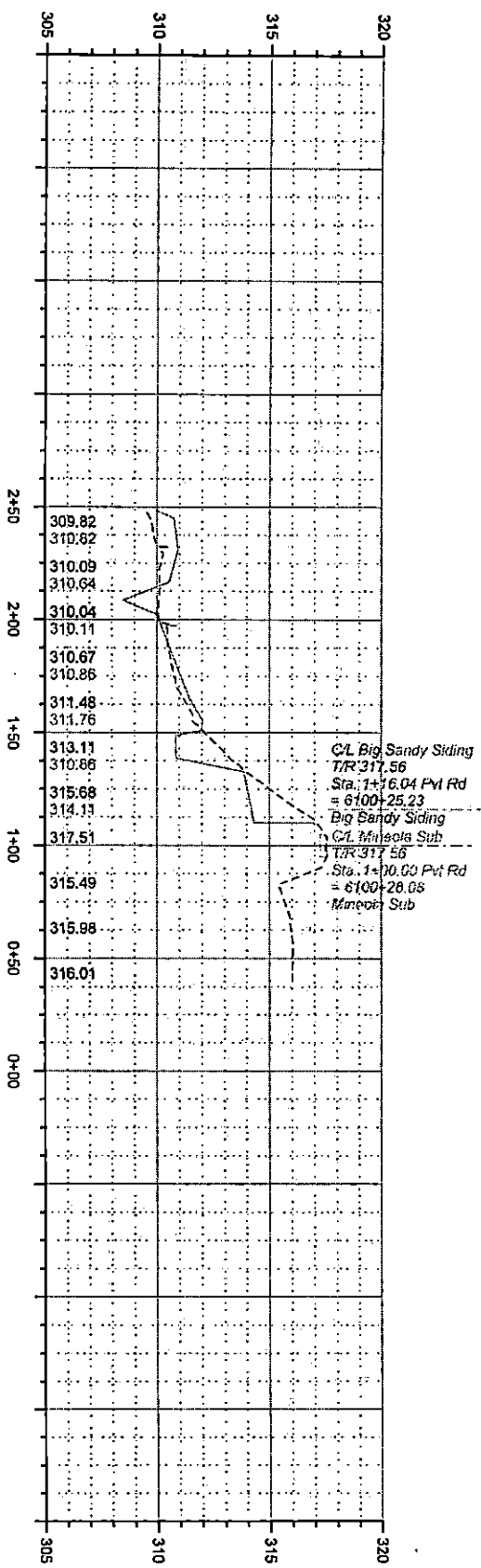
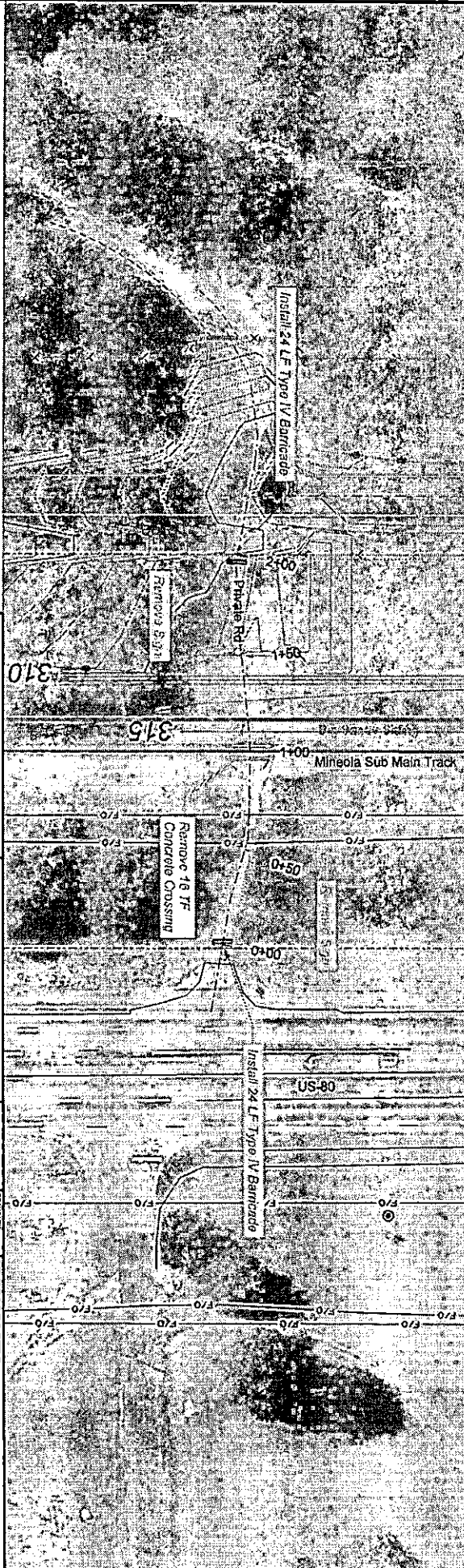
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI L. UNDERHILL, STATE ENGINEER, TEXAS PERMIT NO. 1000000000000000 FOR PERMIT BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5443

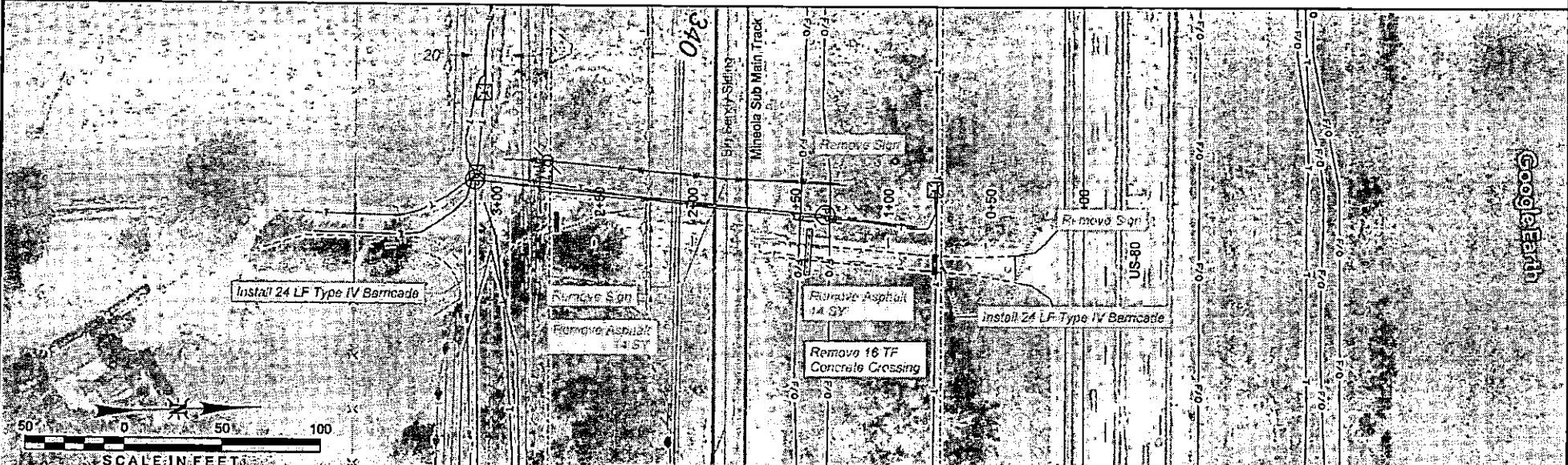
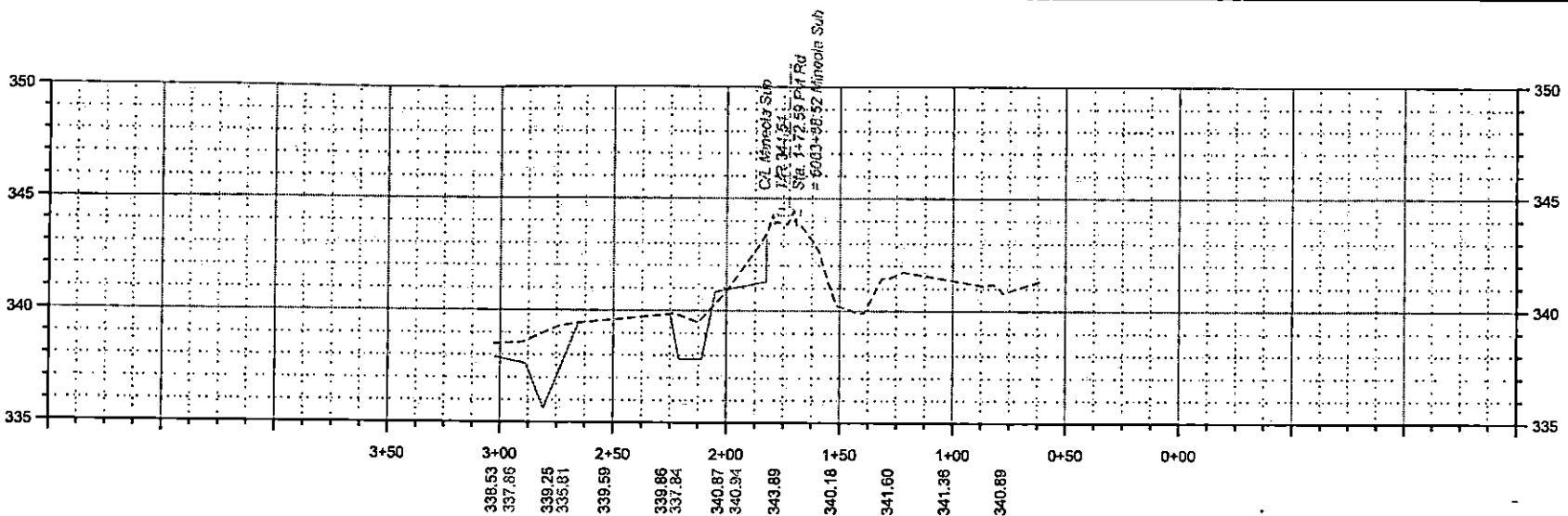
DAVID EVANS AND ASSOCIATES, INC.
 3445 Greene Park Road, Suite 104
 College Station, TX 77845
 Phone: 879.277.5500



UNION PACIFIC
 PROJECT NO. 11551
 SHEET NO. R-02

UNION PACIFIC RAILROAD
 BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 PRIVATE ROAD MP 115.51 CROSSING CLOSURE





Color: webhit
 I:\BENTLEY\AC\Drawings\Workspaces\Client\B...UPRR\181_Pennable...502540.tbl
 P:\UPRR\0005\03\04\04\04\RR\5HEETS\East_Road_Design\AR-01003.dgn
 2/27/2021 12:47:23P

90% DESIGN
NOT FOR CONSTRUCTION

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117583 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543

DAVID EVANS AND ASSOCIATES INC.
1645 Greene Prairie Road, Suite 104
College Station, TX 77845
Phone: 876.977.5600

UNION PACIFIC RAILROAD
DRAWN BY: IES
CHECKED BY: NPG
DATE: 8/27/2021
SHEET NUMBER: R013 of R014

UNION PACIFIC RAILROAD
LOCATION & DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.76 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT
SHEET TITLE: PRIVATE ROAD MP 114.88 CROSSING

C:\p1\cable\cable\Project\08\N:\Projects\CLM\10590\Sub\B\N:\P081_V0_Panhandle_500RAD.tbl
 P:\NUPRR\00000003\04\00CAD\RAIL\SHEETS\CON\Road Design\08-02\08104.dgn
 8/27/2021 8:27:20Z

**90% DESIGN
NOT FOR CONSTRUCTION**

CURVE DATA - Roadway East

	CURVE	POINT	STATION	NORTHING	EASTING	BEARING
TANGENT	L= 77.78		6006+94.62	6910492.10	3007610.29	N 2°19'00" W
CURVE	DELTA= 90°03'33" Left	PC	6007+72.40	6910569.81	3007607.144	N 2°19'00" W
	DEGREE= 172°45'31"					
	R= 50.10	PI	6008+22.55	6910610.924	3007608.117	
	L= 78.75	PT	6008+24.53	6910617.845	3007555.008	S 87°37'27" W
TANGENT	L= 2319.95					S 87°37'27" W
CURVE	DELTA= 91°16'29" Right	PC	6031+29.48	6910506.67	3005237.34	S 87°37'27" W
	DEGREE= 83°37'14"					
	R= 75	PI	6032+06.16	6910503.49	3005160.72	
	L= 119.48	PT	6032+38.63	6910580.16	3005159.24	N 1°06'04" W
TANGENT	L= 748.91					N 1°06'04" W
CURVE	DELTA= 71°35'27" Left	PC	6040+02.54	6911343.93	3005144.56	N 1°06'04" W
	DEGREE= 71°35'27"					
	R= 75	PI	6040+56.62	6911398.01	3005143.52	
	L= 93.71	PT	6040+88.15	6911414.10	3005091.89	N 72°41'30" W
TANGENT	L= 151.05					N 72°41'30" W
CURVE	DELTA= 15°21'42" Left	PC	6042+39.20	6911459.03	3004947.68	N 72°41'30" W
	DEGREE= 22°36'56"					
	R= 255	PI	6042+73.59	6911469.26	3004914.85	
	L= 68.37	PT	6043+07.12	6911470.43	3004880.43	N 88°03'12" W
TANGENT	L= 628.6					N 88°03'12" W
CURVE	DELTA= 15°21'42" Right	PC	6049+35.73	6911491.79	3004252.24	N 88°03'12" W
	DEGREE= 22°36'56"					
	R= 255	PI	6049+70.12	6911492.95	3004217.87	
	L= 68.37	PT	6050+03.65	6911503.19	3004185.04	N 72°41'30" W
TANGENT	L= 48.22					N 72°41'30" W
CURVE	DELTA= 15°17'15" Left	PC	6050+51.88	6911517.53	3004139.00	N 72°41'30" W
	DEGREE= 22°36'56"					
	R= 255	PI	6050+86.10	6911527.71	3004106.33	
	L= 68.04	PT	6051+19.47	6911528.92	3004072.12	N 87°58'45" W
TANGENT	L= 6527.83					N 87°58'45" W
		POE	6116+47.30	6911759.11	2997548.36	

CURVE DATA - Corporate Drive

	CURVE	POINT	STATION	NORTHING	EASTING	BEARING
TANGENT	L= 883.29		9+96.71	6910546.09	3007608.10	N 1°02'25" W
		POE	18+80.00	6911429.23	3007592.07	

THIS DOCUMENT IS RELEASED FOR THE
 PURPOSE OF OWNER REVIEW UNDER THE
 AUTHORITY OF LEVI J. TURNER, P.E. 117563
 ON 8/27/2021. IT IS NOT TO BE USED FOR
 PERMIT, BIDDING, OR CONSTRUCTION
 PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

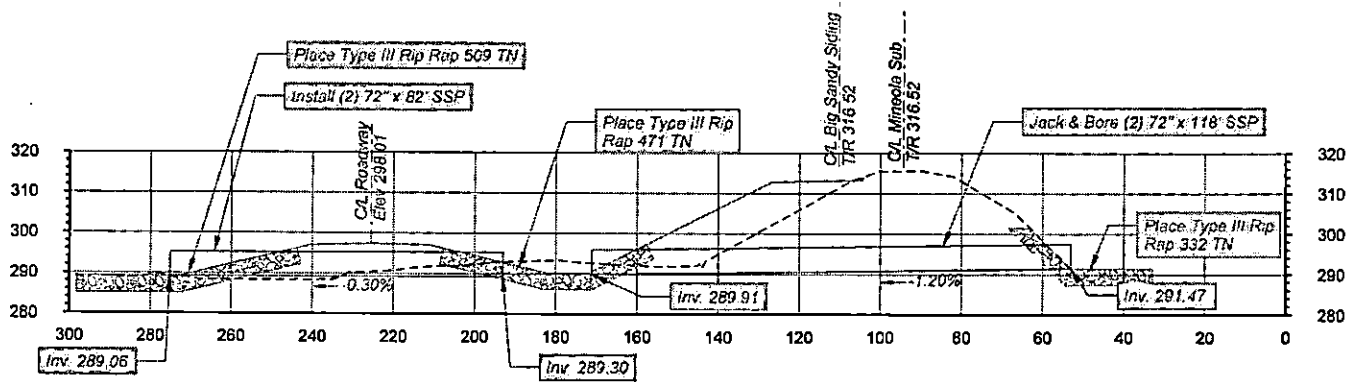


**DAVID EVANS
AND ASSOCIATES INC.**
 1645 Greens Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 879.977.5600



DRAWN BY:
IES
 CHECKED BY:
NPG
 DATE:
8/27/2021
 SHEET NUMBER:
R014 of R014

**UNION PACIFIC
RAILROAD**
 LOCATION & DESCRIPTION: BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE: ROAD GEOMETRY TABLE



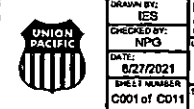
Date: 8/27/2021
 User: LEVI J. TURNER
 Project: MINEOLA SUBDIVISION MP 113.76 - 116.74
 Sheet: 001 of 001
 Title: CONSTRUCT EAST ROAD ALIGNMENT
 Scale: 1" = 30'

90% DESIGN
NOT FOR CONSTRUCTION

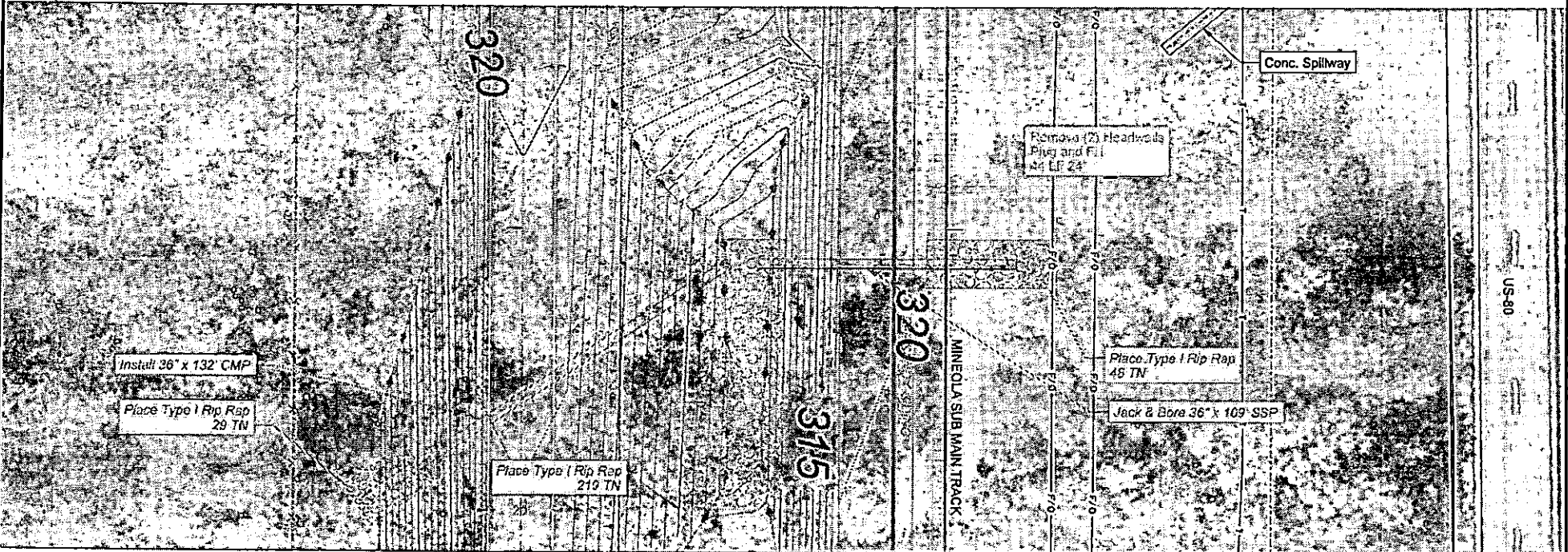
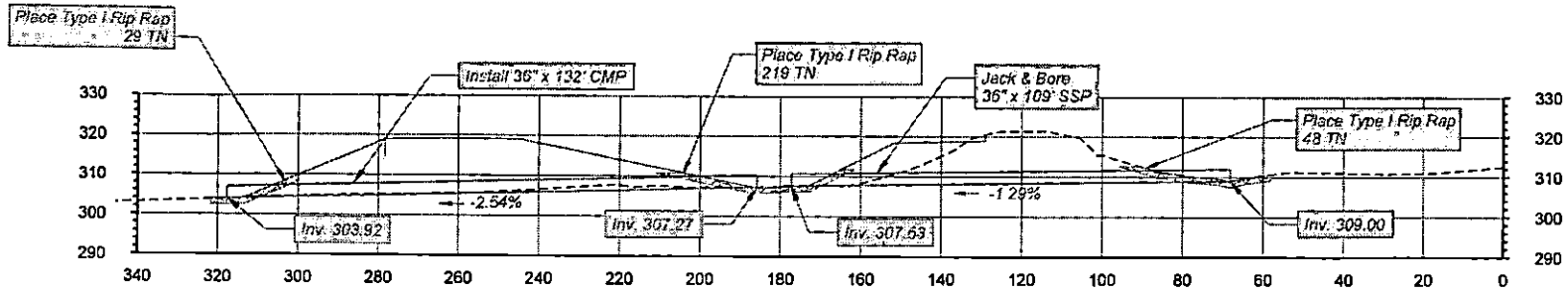


THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

DAVID EVANS AND ASSOCIATES INC.
 1645 Greens Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979.977.5600



UNION PACIFIC RAILROAD
 LOCATION & DESCRIPTION: BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET NUMBER: C001 of C011
 SHEET TITLE: CULVERT MP 115.37 STATION 6094+61.09



Scale: 1/4" = 10' (Horizontal), 1" = 10' (Vertical)
 P:\AUGUST\PROJECTS\817\817000\AD\RR\ASHEETS\EG31_Road Design\AUC-0020001.dwg
 8/27/2021 8:27:22P

90% DESIGN
NOT FOR CONSTRUCTION

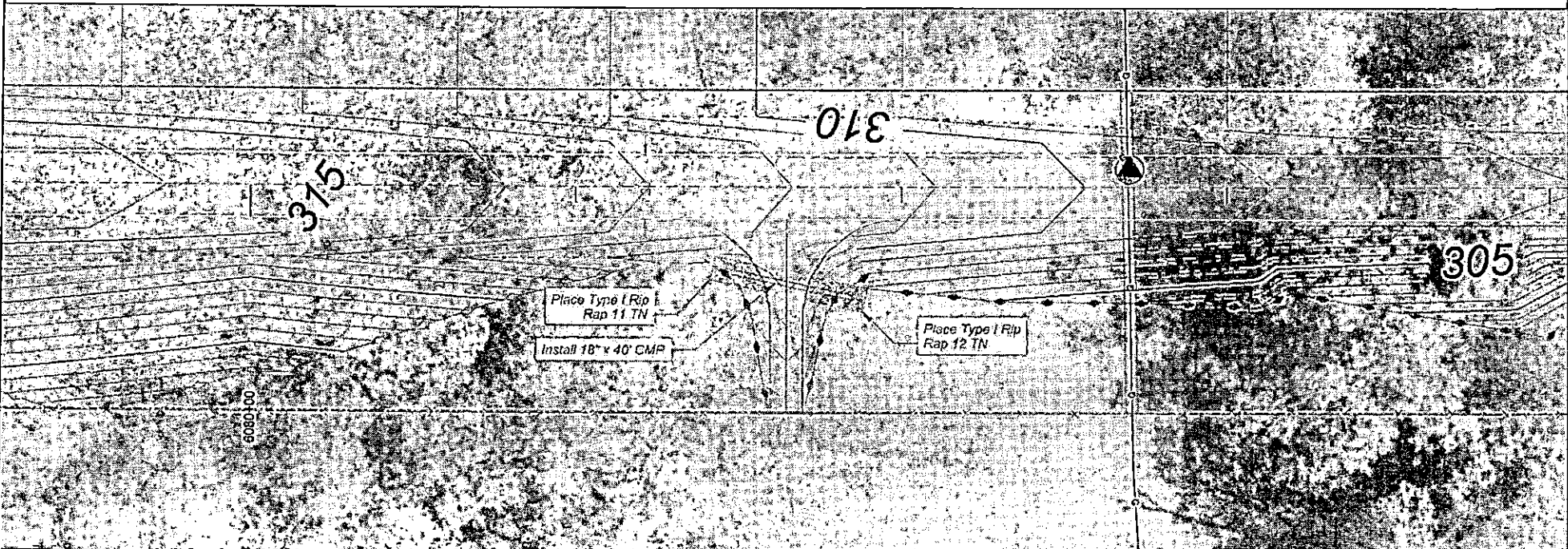
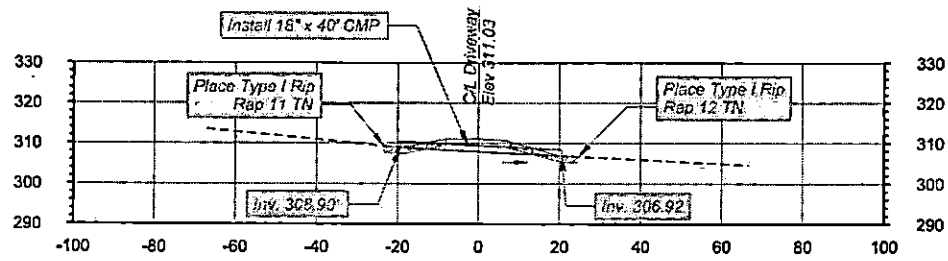


THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

DAVID EVANS AND ASSOCIATES INC.
 1645 Groves Prairie Road, Suite 104
 College Station, TX 77945
 Phone: 979.977.5600

UNION PACIFIC RAILROAD

DRAWN BY: IES	UNION PACIFIC RAILROAD LOCATION & DESCRIPTION: BIG SANDY, TX MINEOLA SUBDIVISION MP 113.75 - 115.74 CONSTRUCT EAST ROAD ALIGNMENT
CHECKED BY: NPG	
DATE: 8/27/2021	
SHEET NUMBER: C002 of C011	
SHEET TITLE: CULVERT MP 115.20 STATION 6083+87.73	



C:\p\...
 P:\VUPRR\000503\03\0400\AD\RR\ASSETS\ASSET_000\PLAN\500503.dgn
 8/27/2021 8:27:20

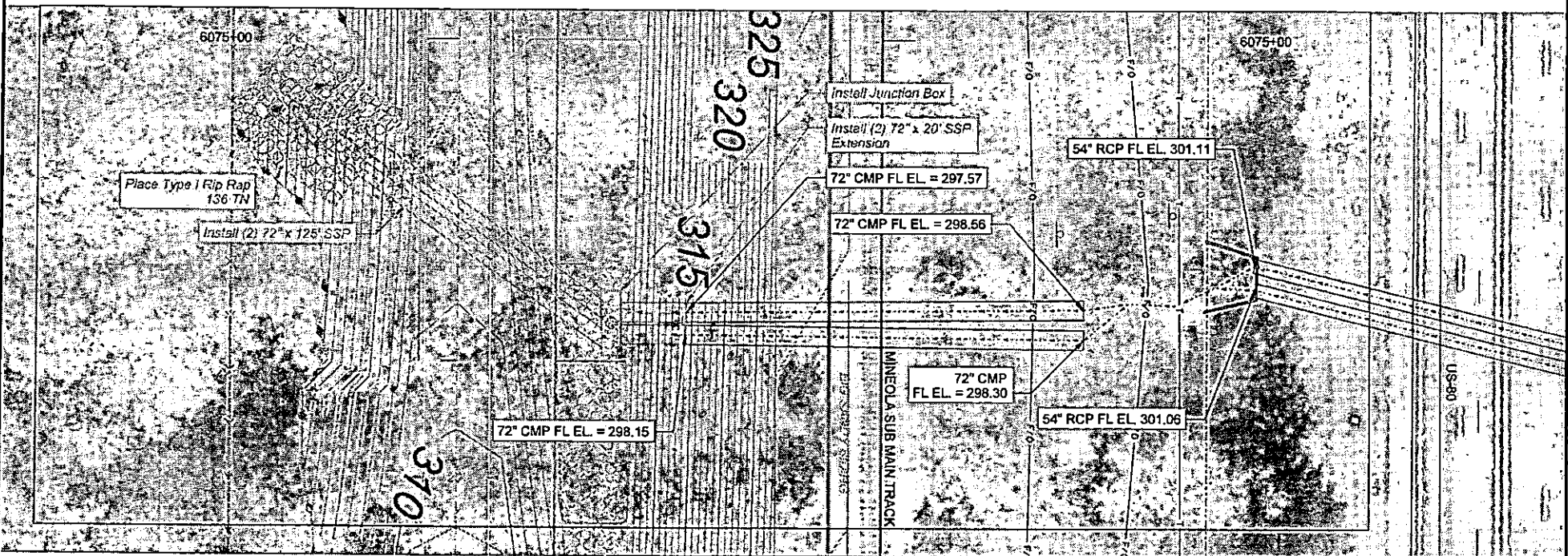
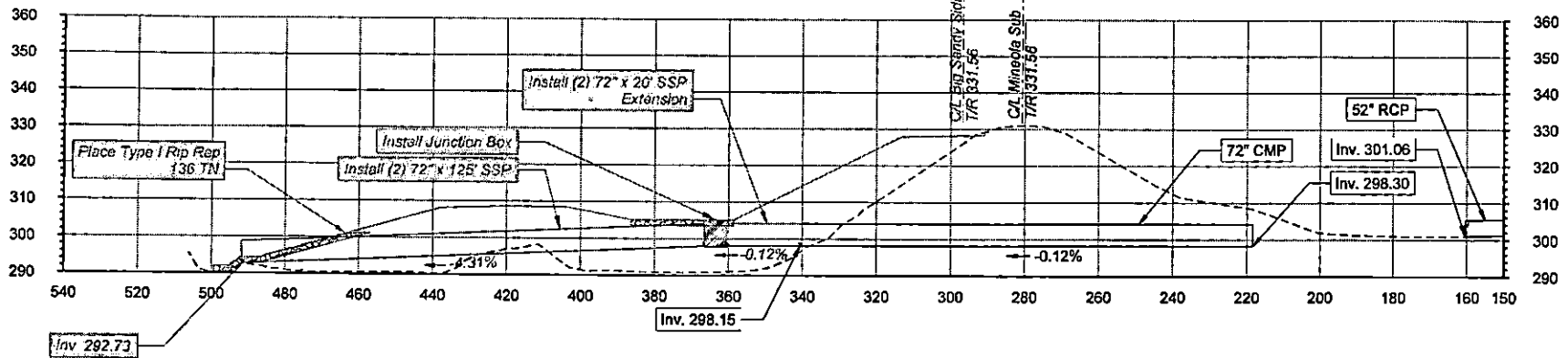
90% DESIGN
NOT FOR CONSTRUCTION

THIS DOCUMENT IS RELEASED FOR THE
 AUTHORITY OF OWNER REVIEW UNDER THE
 AUTHORITY OF LEVI J. TURNER, P.E. 117563
 ON 8/27/2021. IT IS NOT TO BE USED FOR
 PERMIT, BIDDING, OR CONSTRUCTION
 PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

**DAVID EVANS
 AND ASSOCIATES INC.**
 1645 Greens Prairie Road, Suite 104
 College Station, TX 77845
 Phone 979.977.5900



DRAWN BY: IES CHECKED BY: NPS DATE: 8/27/2021 SHEET NUMBER: C003 of C011	UNION PACIFIC RAILROAD LOCATION & DESCRIPTION: BIG SANDY, TX MINEOLA SUBDIVISION MP 113.76 - 116.74 CONSTRUCT EAST ROAD ALIGNMENT SHEET TITLE: CULVERT MP 115.13 STATION 6078+35.24
---	---



90% DESIGN
NOT FOR CONSTRUCTION



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117583 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES. TEXAS REGISTERED ENGINEERING FIRM F-5543



DAVID EVANS AND ASSOCIATES INC.
 1645 Greens Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979-977-5600



DRAWN BY: IES
 CHECKED BY: NPG
 DATE: 8/27/2021
 SHEET NUMBER: C004 of C011

UNION PACIFIC RAILROAD
 LOCATION & DESCRIPTION: BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE: CULVERT MP 115.04 STATION 6074+07.69

Color Table: I:\BENTLEY\Conf\estations\Workspaces\Civil\18781\18781.dwg - AUG08, 08, P, Penable, 5000x40, 1
 I:\BENTLEY\Conf\estations\Workspaces\Civil\18781\18781.dwg - AUG08, 08, P, Penable, 5000x40, 1
 8/27/2021 8:27:20Z

90% DESIGN
 NOT FOR CONSTRUCTION

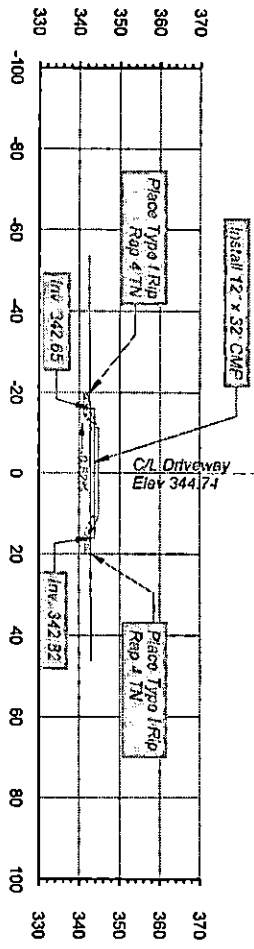
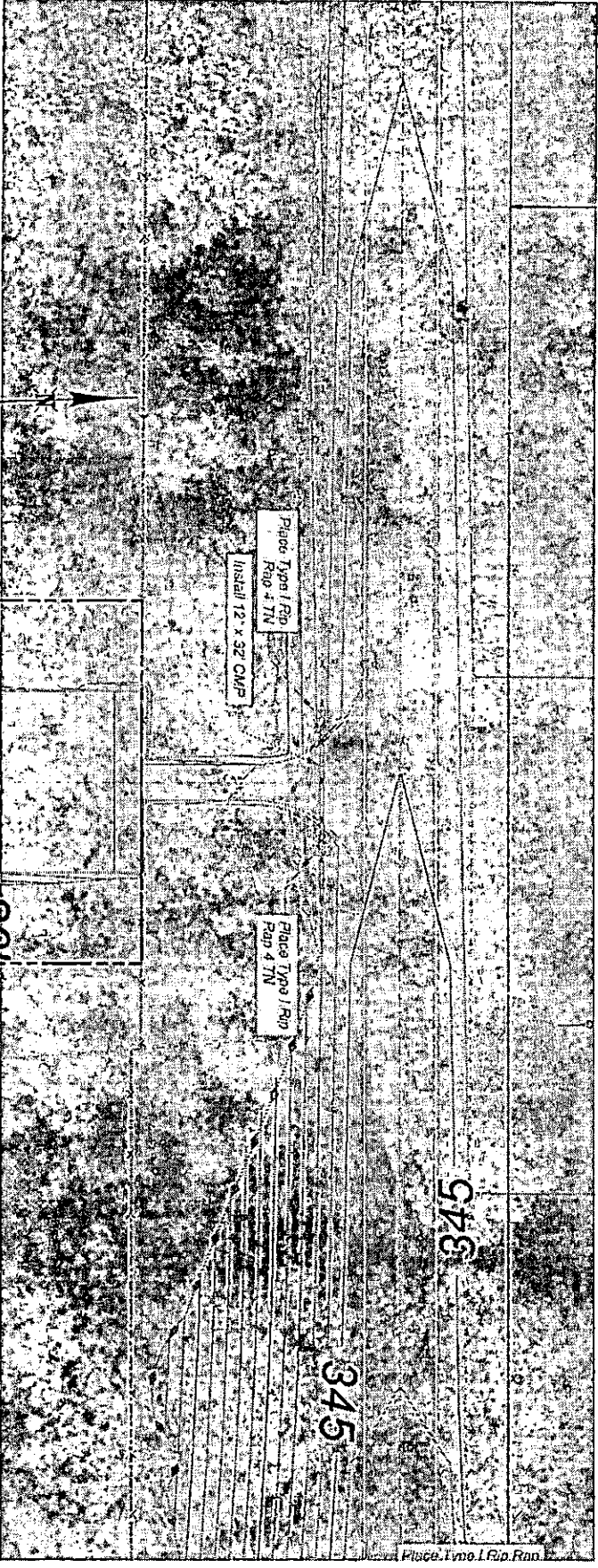


THIS DOCUMENT IS BE LOANED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES. TEXAS REGISTERED ENGINEERING FIRM F-5543

DAVID EVANS AND ASSOCIATES, INC.
 245 Green Plaza Road, Suite 104
 College Station, TX 77840
 Phone: 899.977.5500



PROJECT NO.	C006 of C011	CLIENT	UNION PACIFIC
DATE	8/27/2021	PROJECT NAME	BIG SANDY TX, MINNEOLA SUBSTATION ROAD ALIGNMENT
DRAWN BY		SHEET TITLE	CULVERT MP 114.69 STATION 6053+96.47



90% DESIGN
NOT FOR CONSTRUCTION

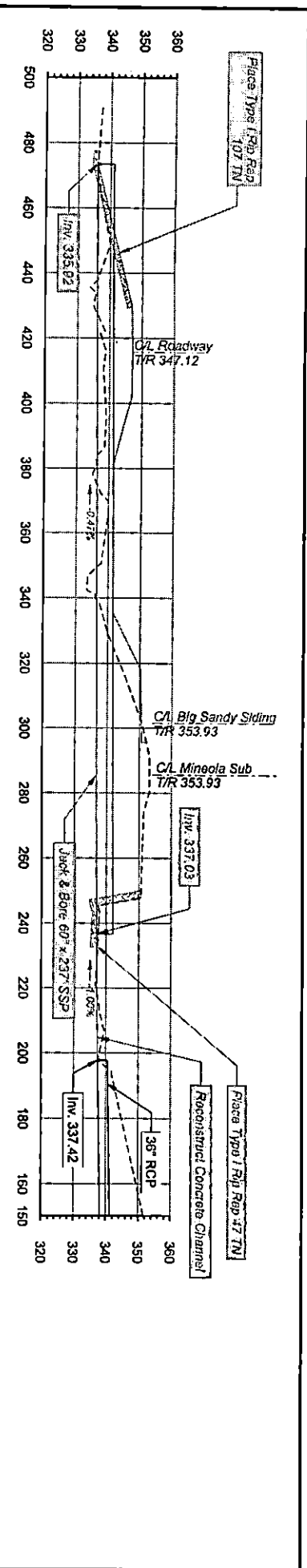
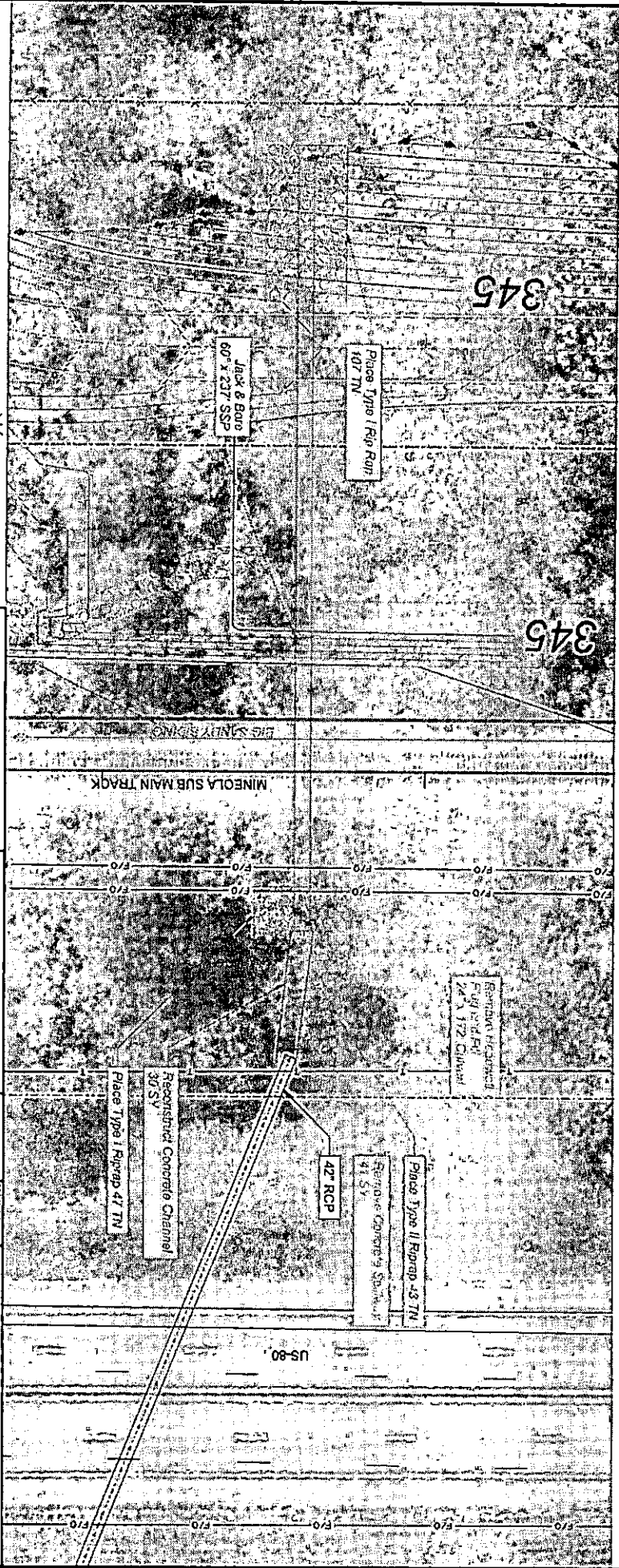


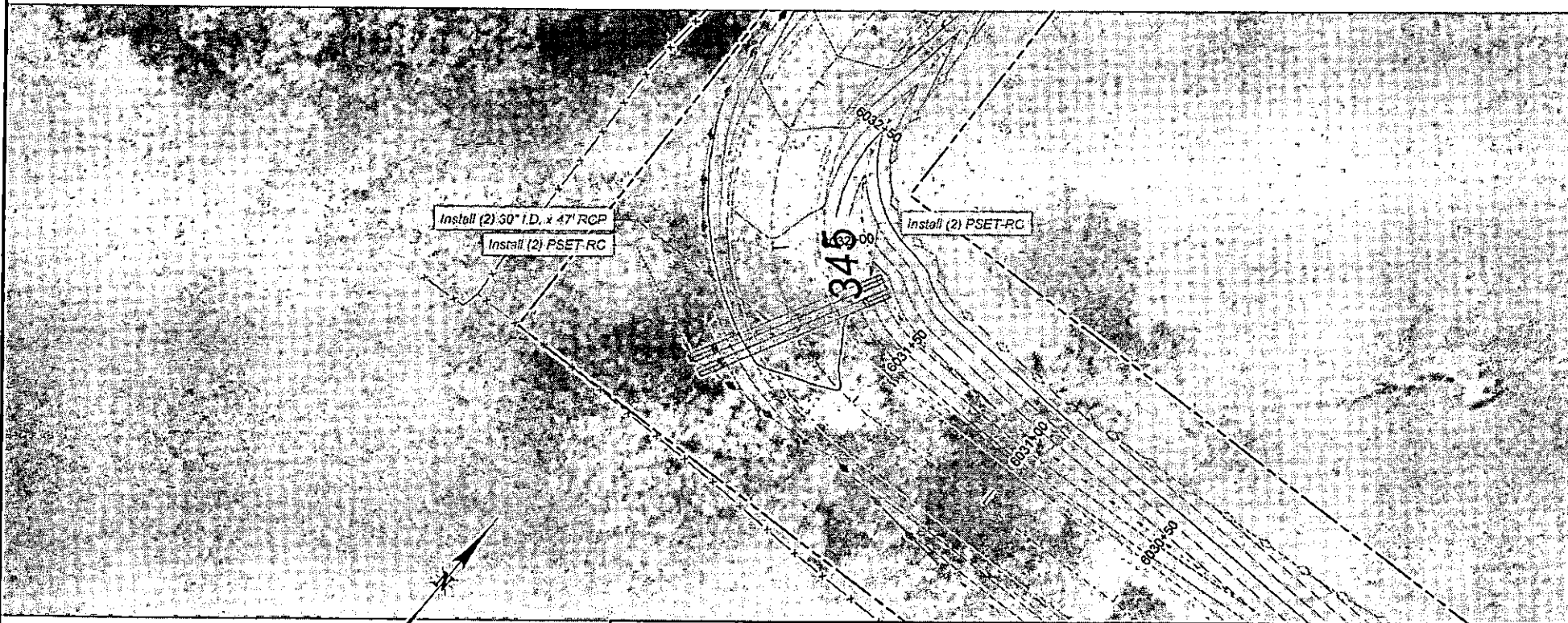
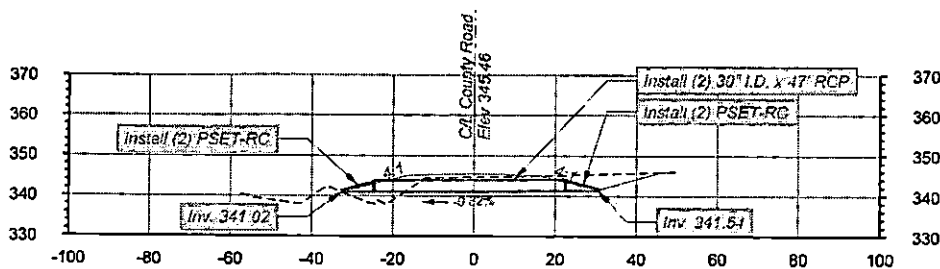
THIS DOCUMENT IS REGISTERED FOR THE
 PURPOSE OF OWNER RECORD UNDER THE
 AUTHORITY OF LEVI J. TURNER, P.E. 11753
 ON 8/27/2021. IT IS NOT TO BE USED FOR
 PERMIT, BIDDING, OR CONSTRUCTION
 PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5544

**DAVID EVANS
 AND ASSOCIATES, INC.**
 848 Greene Prairie Road, Suite 704
 College Station, TX 77845
 Phone: (979) 775500



UNION PACIFIC
 CONSTRUCTION
 BIG SANDY, TX
 MINNEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE: CULVERT MP 114.65 STATION 6051+61.96
 SHEET NO: 027/2021
 DATE: 8/27/2021
 CHECKED BY: [Signature]
 CADD #1: [Signature]
 CADD #2: [Signature]
 CADD #3: [Signature]





90% DESIGN
NOT FOR CONSTRUCTION



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543



DAVID EVANS AND ASSOCIATES INC.
1645 Greens Prairie Road, Suite 104
College Station, TX 77845
Phone: 979/977.5600



DRAWN BY: IES
CHECKED BY: NPG
DATE: 8/27/2021
SHEET NUMBER: C006 of C011

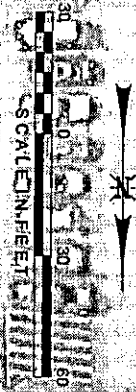
UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.76 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT

SHEET TITLE: CULVERT STATION 6031+80.00

C:\p\14611.ctb
 I:\BENTLEY\Workspaces\C146118_49891\Tables\Tables\NPG_Vis_Vis_Pentable_506040.ctb
 P:\UP\RR\0605035\0405CAD\RR\34715\East_Road_Design\C-006000.dgn
 8/27/2021 12:27:20Z

90% DESIGN
 NOT FOR CONSTRUCTION

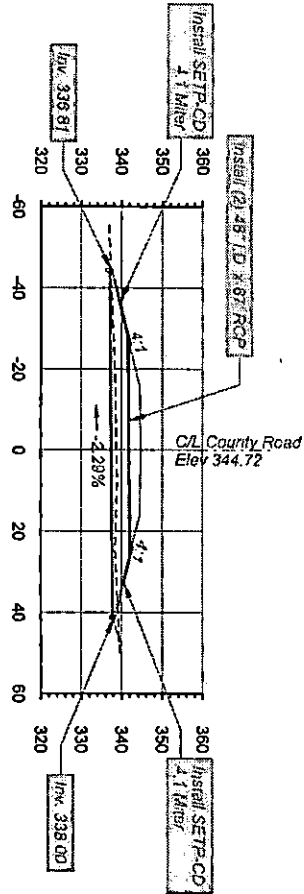
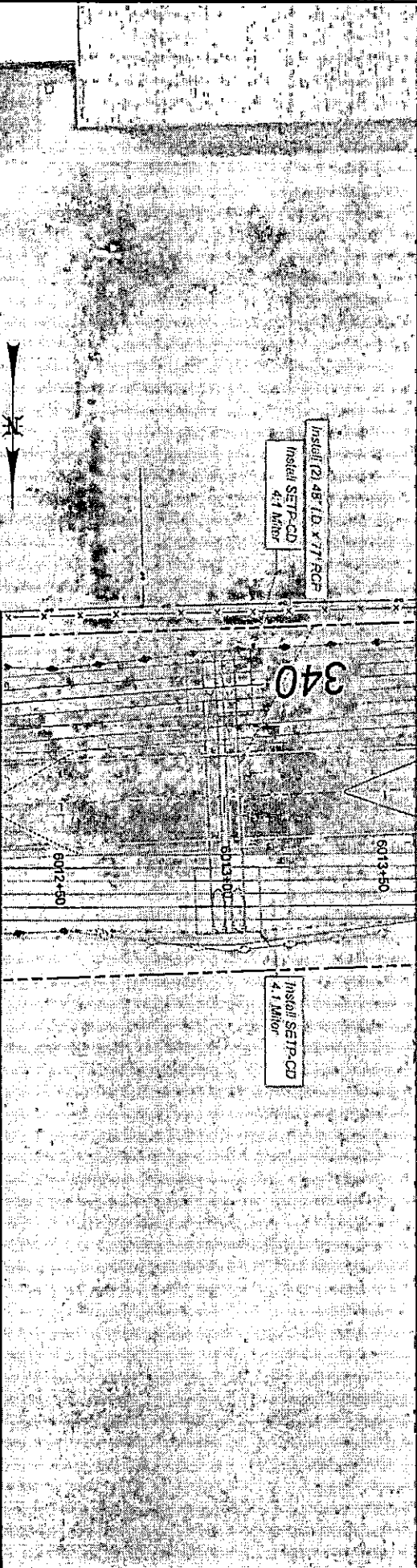


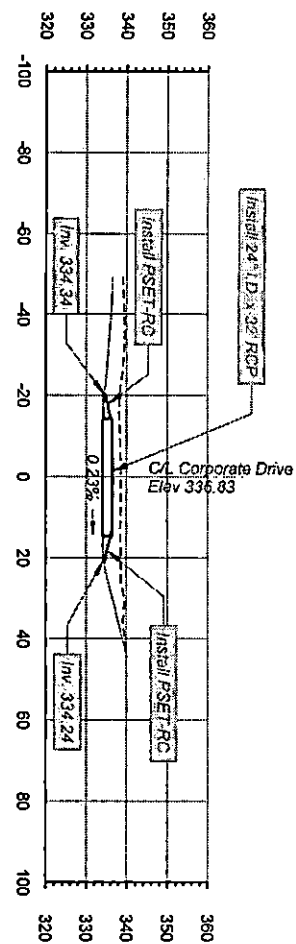
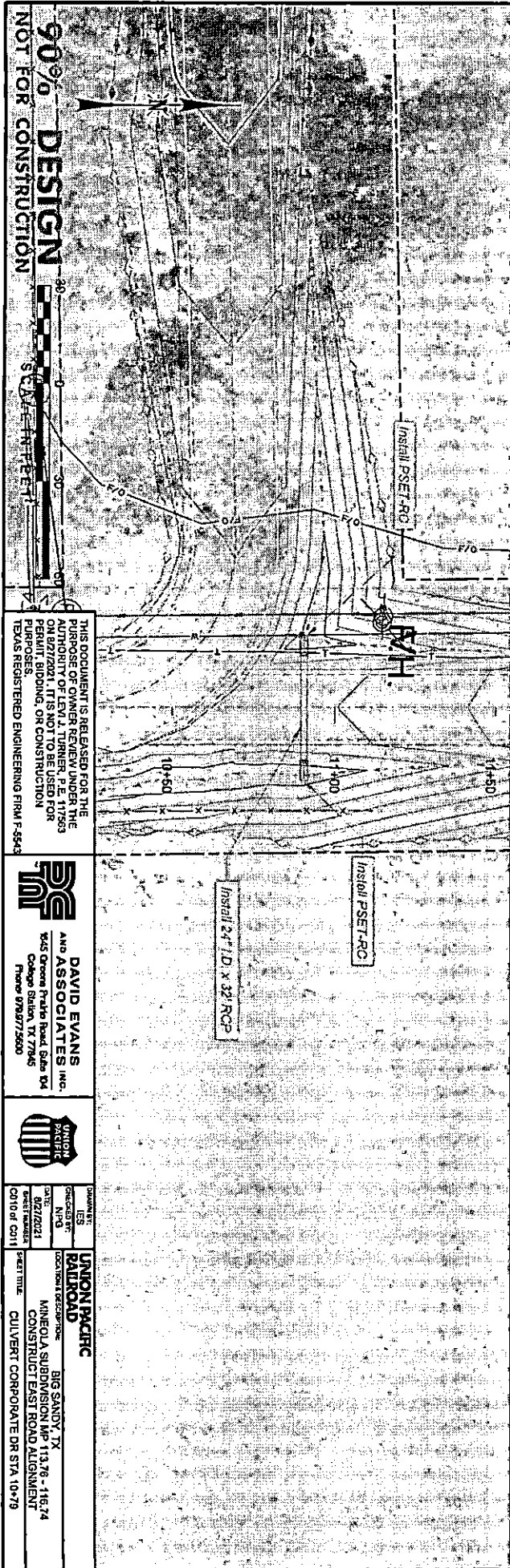
THIS DOCUMENT IS RELEASED FOR THE
 PURPOSE OF BEING REPRODUCED UNDER THE
 AUTHORITY OF LEVIA TURNER, P.E. 117593
 ON 8/27/2021. IT IS NOT TO BE USED FOR
 PERMIT, BIDDING, OR CONSTRUCTION
 PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

**DAVID EVANS
 AND ASSOCIATES, INC.**
 8045 George Street, Round Rock, TX 78681
 Chicago Station, TX 77845
 Phone: 979.277.5800



PROJECT NO.	0099 of CO 11
CHECKED BY	ES
DATE	8/27/2021
PROJECT NUMBER	0099 of CO 11
CONTRACTOR	UNION PACIFIC RAILROAD
LOCATION	BIG SANDY, TX
PROJECT TITLE	MINEROLA SUBDIVISION MAP 113.76 - 116.74 CONSTRUCT EAST ROAD ALIGNMENT CULVERT STATION 6013+00.00





90% DESIGN
 NOT FOR CONSTRUCTION

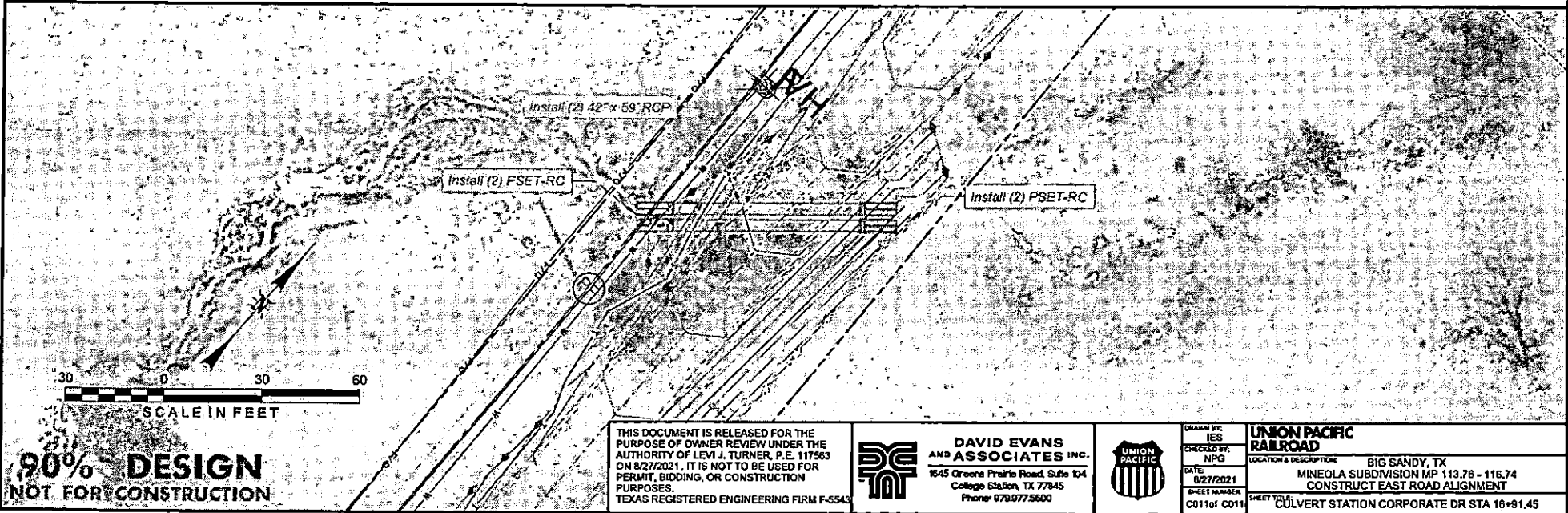
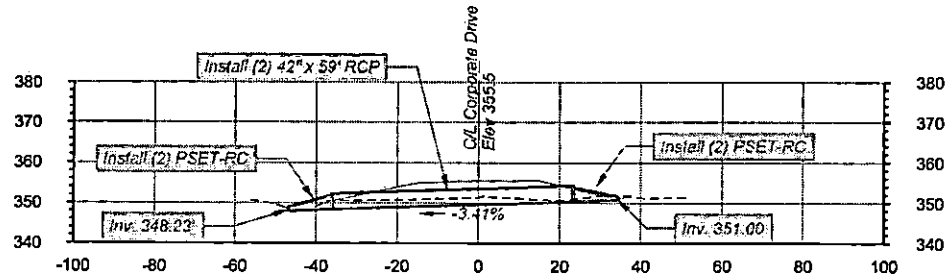


THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117893 ON 02/12/21. IT IS NOT TO BE USED FOR PURPOSES, INCLUDING, OR CONSTRUCTION TEXAS REGISTERED ENGINEERING FIRM F-4543

DAVID EVANS INC.
 AND ASSOCIATES
 545 Orange Park Road, Suite 104
 College Station, TX 77945
 Phone: 979/9775600



DESIGNED BY	DATE	CHECKED BY	DATE
LES	8/27/2021	NFB	8/27/2021
PROJECT NUMBER	CUT/VERT CONT		
PROJECT TITLE	UNION PACIFIC BIG SANDY, TX MINEOLA SUBDIVISION MP 113.76 - 116.74 CONSTRUCT EAST ROAD ALIGNMENT CUT/VERT CORPORATE DR STA 10+79		



Color: seblet
 I:\BENTLEY\Content\external\Workspaces\Chant\161\UPRR\Tables\Pen\UPRR_161_Penoble_S06R00.tbl
 P:\1\208\0000000000\00000000\00000000\00000000\00000000\00000000\00000000\00000000\00000000\00000000
 02/27/2021 10:27:43



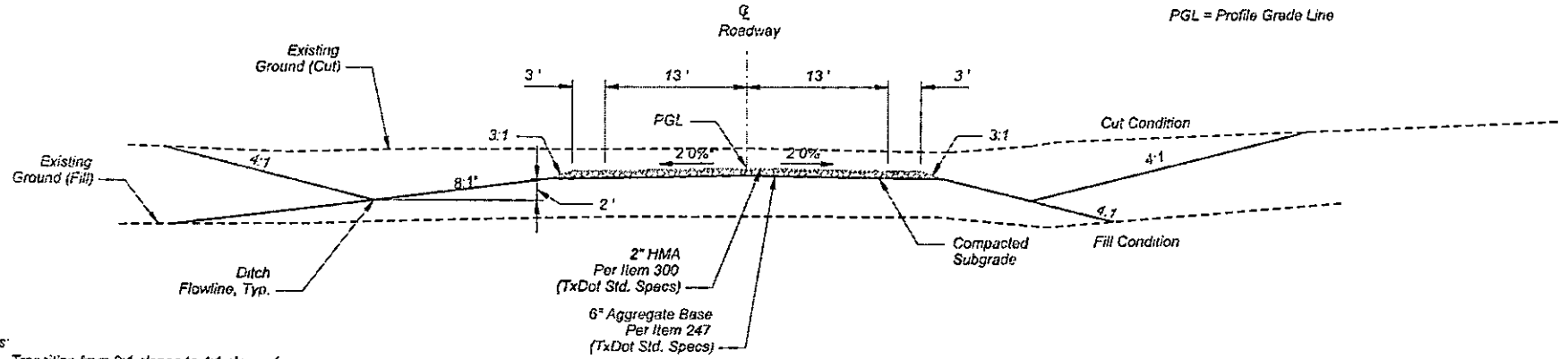
**90% DESIGN
NOT FOR CONSTRUCTION**

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

DAVID EVANS AND ASSOCIATES INC.
 1645 Creeks Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979.977.5600

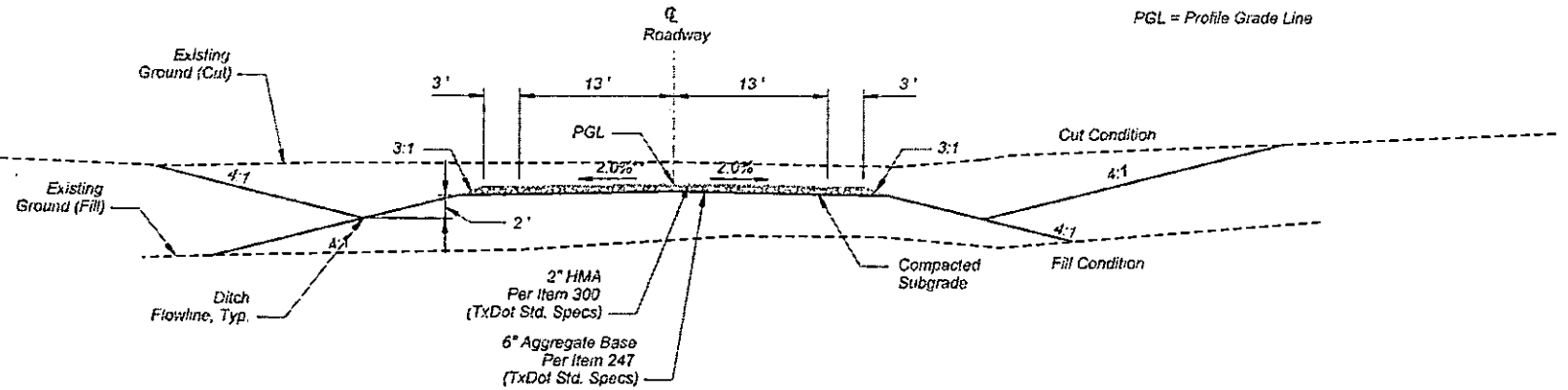


DRAWN BY: IES CHECKED BY: NPG DATE: 8/27/2021 SHEET NUMBER: C011 of C011	UNION PACIFIC RAILROAD LOCATION & DESCRIPTION: BIG SANDY, TX MINEOLA SUBDIVISION MP 113.76 - 116.74 CONSTRUCT EAST ROAD ALIGNMENT SHEET TITLE: CULVERT STATION CORPORATE DR STA 16+91.45
---	---



Notes:
 1. Transition from 8:1 slopes to 4:1 slopes from Sta. 6009+50 to Sta. 6010+00

COUNTY ROADWAY TYPICAL SECTION
 Roadway Sta. 6008+24.45 to Sta. 6010+00.00



Notes:
 1. Transition from 13' wide lanes to 10' wide lanes Sta. 6040+85.15 to Sta. 6041+00

COUNTY ROADWAY TYPICAL SECTION
 Roadway Sta. 6007+03.01 to Sta. 6008+24.45
 Roadway Sta. 6010+00.00 to Sta. 6041+00.00

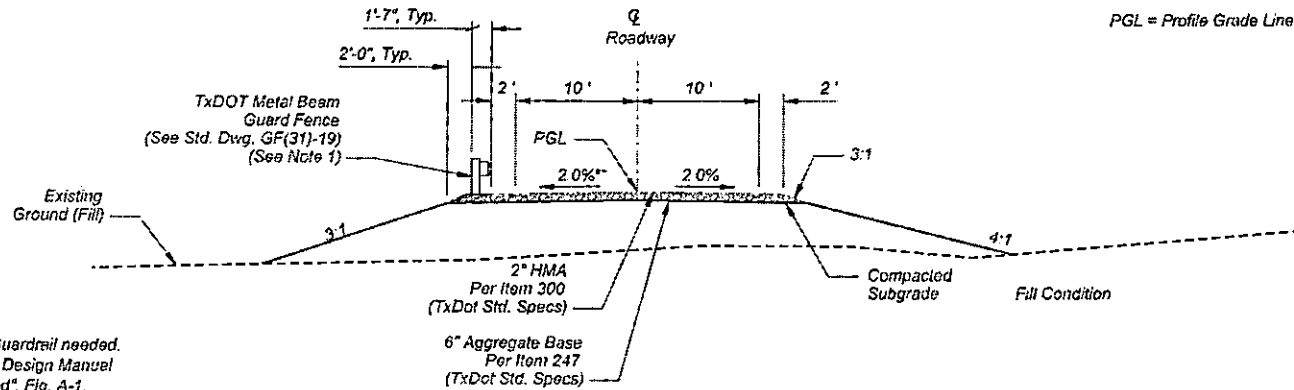
Color: tshlsh
 I:\BENTLEY\Bentley\Workspaces\Clients\SB\LPRR\145\Task\5\UPRR_101_Perennial_50250.dwg
 P:\UPRR\00005030\041000\RR\145\Task\5\UPRR_101_Perennial_50250.dwg
 8/27/2021 8:27:20Z

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543



DRAWN BY: IES
 CHECKED BY: NRG
 DATE: 8/27/2021
 SHEET NUMBER: T001 of T004

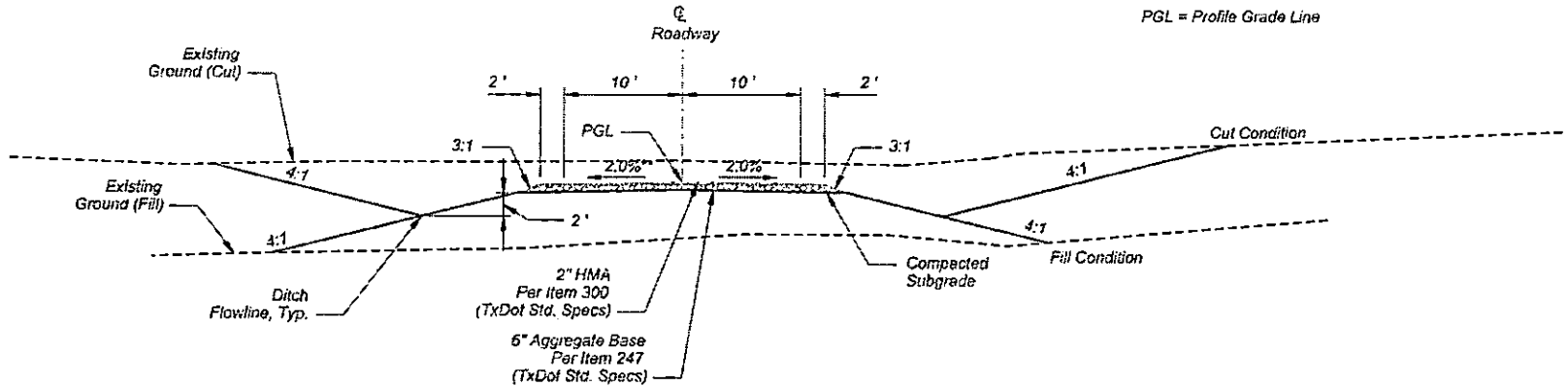
UNION PACIFIC RAILROAD
 LOCATION & DESCRIPTION: BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE: TYPICAL SECTIONS



Notes:

- 2:1 Embankment >=5' Guardrail needed. See TxDOT Roadway Design Manual Section 2 "Barrier Need", Fig. A-1.
- All MBGF shall include end treatment GF(31)DAT

COUNTY ROADWAY TYPICAL SECTION AT GUARD FENCE
Roadway Sta. 6074+00.01 to Sta. 6076+80.01



COUNTY ROADWAY TYPICAL SECTION
Roadway Sta. 6041+00.00 to Sta. 6074+00.01 Roadway Sta. 6076+80.01 to Sta. 6082+29.55
Roadway Sta. 6084+39.47 to Sta. 6093+81.04 Roadway Sta. 6095+31.04 to Sta. 6116+47.30

Color: tabler
 J:\BENTLEY\Content\Projects\Workspaces\Clients\B... \P\RRR\Tables\AP... \P\RRR... \B... \PenTable... \506900.tbl
 P:\UP\RRR\00505\DA\040\DC\040\RRR\SHETS\East Road Design\17-002.dgn
 8/27/2021 8:27:20Z

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543

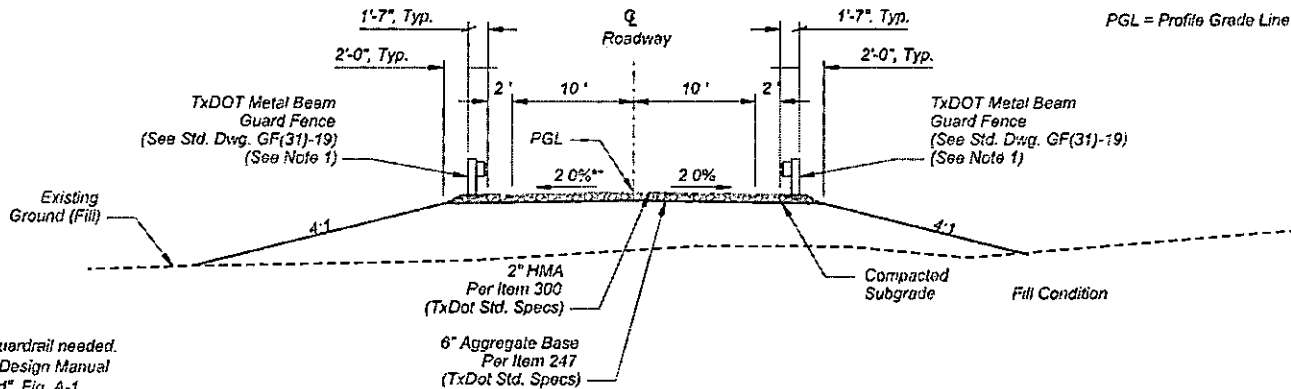


DAVID EVANS AND ASSOCIATES INC.
1645 Greens Prairie Road, Suite 104
College Station, TX 77845
Phone: 879.977.5600



DRAWN BY: IES
CHECKED BY: NPG
DATE: 8/27/2021
SHEET NUMBER: 1002 of 1004

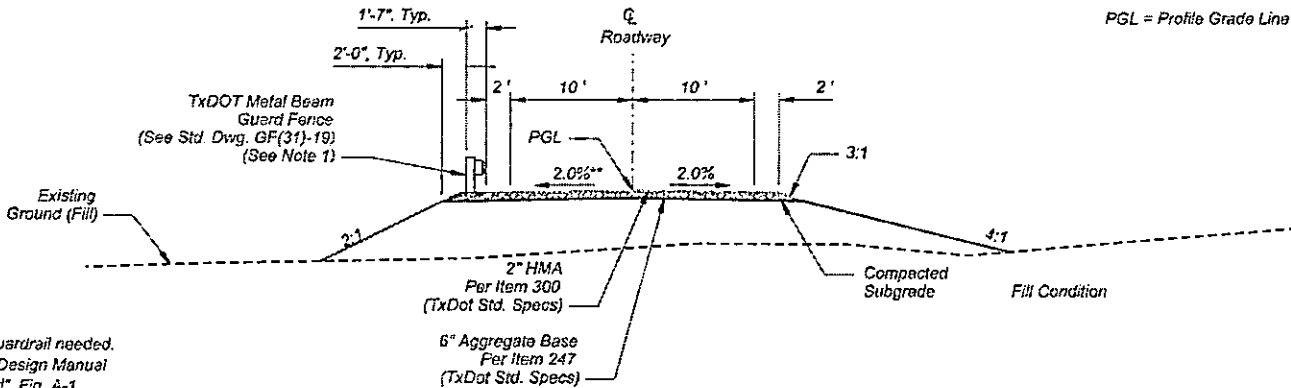
UNION PACIFIC RAILROAD
LOCATION & DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.76 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT
SHEET TITLE: TYPICAL SECTIONS



Notes:

1. 2:1 Embankment >=5' Guardrail needed. See TxDOT Roadway Design Manual Section 2 "Barrier Need", Fig. A-1.
2. All MBGF shall include end treatment GF(31)DAT

COUNTY ROADWAY TYPICAL SECTION AT GUARD FENCE
 Roadway Sta. 6093+81.04 to Sta. 6095+31.04



Notes:

1. 2:1 Embankment >=5' Guardrail needed. See TxDOT Roadway Design Manual Section 2 "Barrier Need", Fig. A-1.
2. All MBGF shall include end treatment GF(31)DAT

COUNTY ROADWAY TYPICAL SECTION AT GUARD FENCE
 Roadway Sta. 6082+29.55 to Sta. 6084+39.47

Color: sabbat
 I:\BENTLEY\ACAD\geostand\Workspaces\Clients\18...UPRR\18...Pennele...506840.dwg
 P:\D\UPRR\00000000\040DCAD\DIR\SHEETS\East_Road_Design\1-003.dgn
 8/27/2021 10:27:28

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

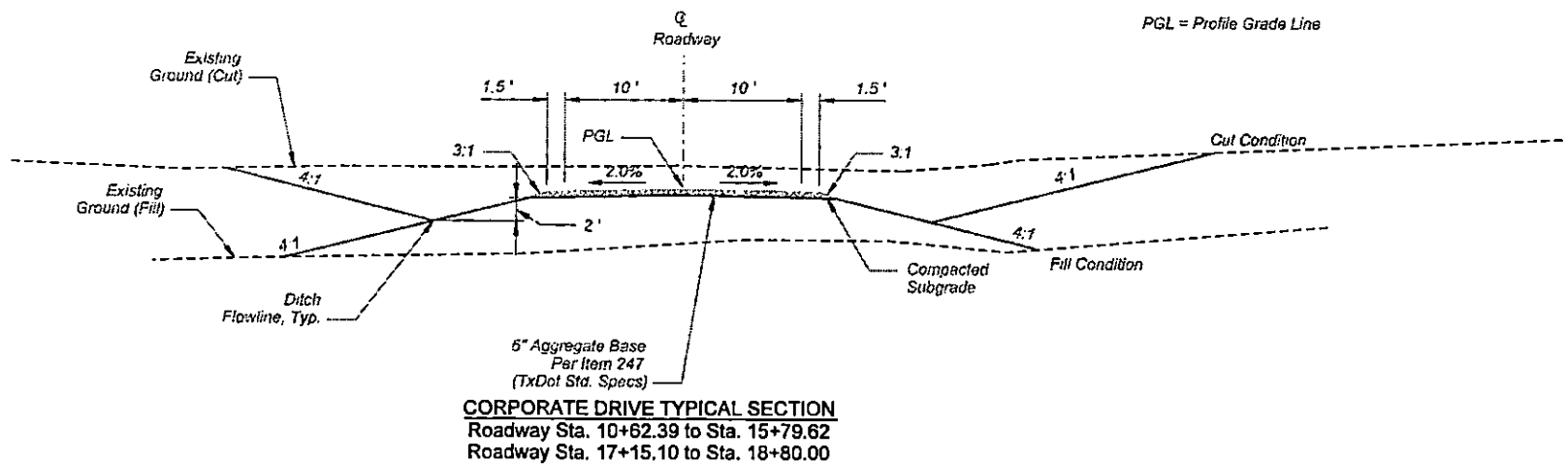
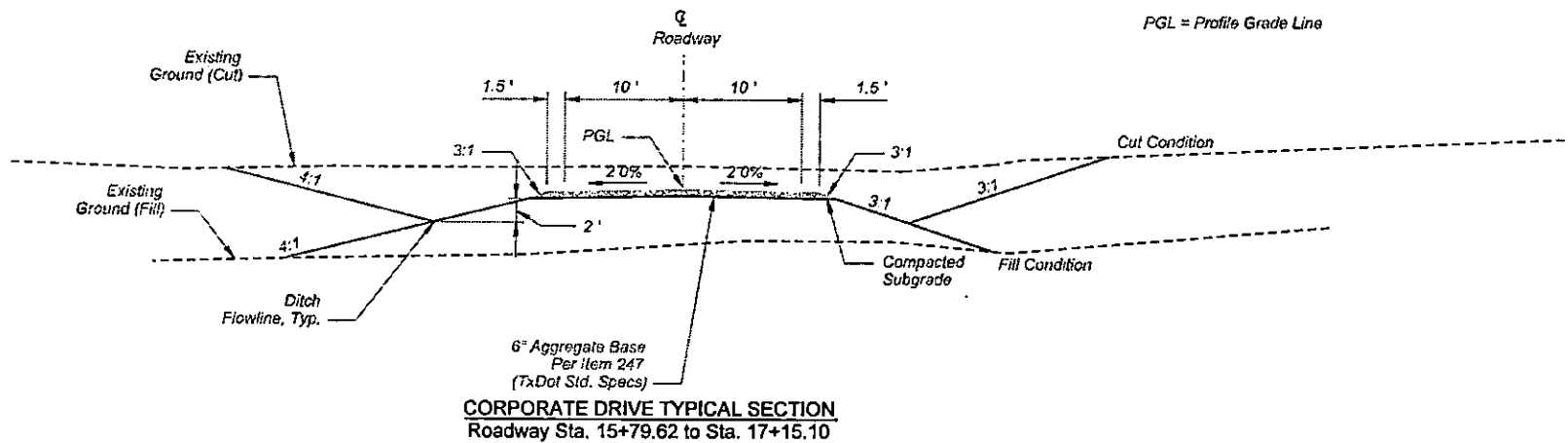


DAVID EVANS AND ASSOCIATES INC.
 1545 Greens Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979/775600



DRAWN BY: IES
 CHECKED BY: NPG
 DATE: 8/27/2021
 SHEET NUMBER: T003 of T004

UNION PACIFIC RAILROAD
 LOCATION & DESCRIPTION: BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE: TYPICAL SECTIONS

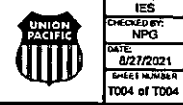


File: \\blt\c\configuration\workspaces\cl\james\B...L\PRR\Tables\Plan\UPRR_V91L_Pen\table_50000.dwg
 P:\UPRR\000005035\0400CAD\RR\15\EGT5\East_Road_Design\1-004.dgn
 8/27/2021 12:27:20

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEV J. TURNER, P.E. 117583 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543



DAVID EVANS AND ASSOCIATES INC.
1645 Groves Prairie Road, Suite 104
College Station, TX 77845
Phone: 979.877.5600







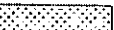


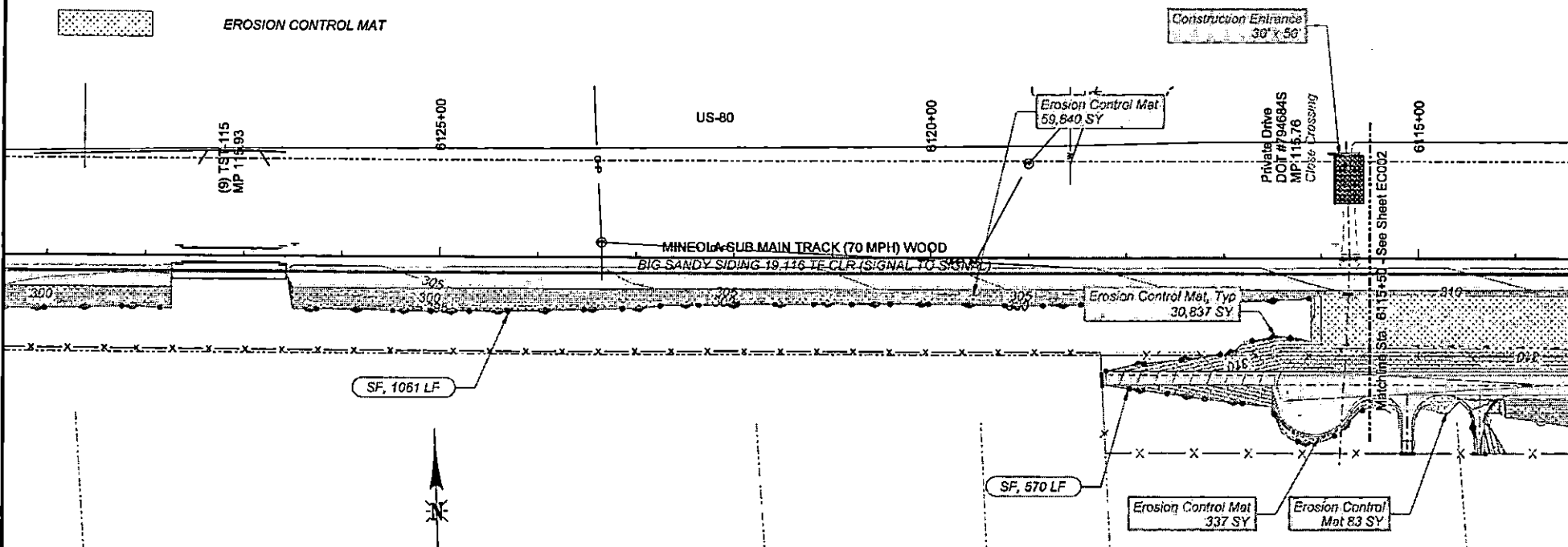
DRAWN BY: IES CHECKED BY: NPG DATE: 8/27/2021 SHEET NUMBER T004 of T004	UNION PACIFIC RAILROAD LOCATION & DESCRIPTION BIG SANDY, TX MINEOLA SUBDIVISION MP 113.76 - 116.74 CONSTRUCT EAST ROAD ALIGNMENT SHEET TITLE: TYPICAL SECTIONS
--	---

To Fada
& SP Jct.
Timetable West

To Gladewater
& Longview
Timetable East

EROSION CONTROL LEGEND:

-  **SF** INSTALL SILT FENCE, PER TXDOT TEMPORARY SEDIMENT CONTROL FENCE STANDARD EC(1) - 16.
-  **RFD** INSTALL TYPE 4 ROCK FILTER DAM, PER TXDOT STANDARD EC(2) - 16. CONTRACTOR SHALL FURNISH SANDBAGS BENEATH ROCK FILTER DAM TO PROTECT CONCRETE CHANNEL.
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  EROSION CONTROL MAT



Color Label: ANSERVILEY\Conf\Drawings\WorkSpace\Clients\B...UPRR\Tables\Pen\UPRR_16...Penable_506R40.tbl
 8/27/2021 12:27:02
 ANSERVILEY\Conf\Drawings\WorkSpace\Clients\B...UPRR\Tables\Pen\UPRR_16...Penable_506R40.tbl
 8/27/2021 12:27:02

90% DESIGN
NOT FOR CONSTRUCTION



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543



DAVID EVANS AND ASSOCIATES INC.
1645 Greens Prairie Road, Suite 104
College Station, TX 77845
Phone: 979/775600










DRAWN BY: IES
CHECKED BY: NPG
DATE: 8/27/2021
SHEET NUMBER: EC001 of EC011

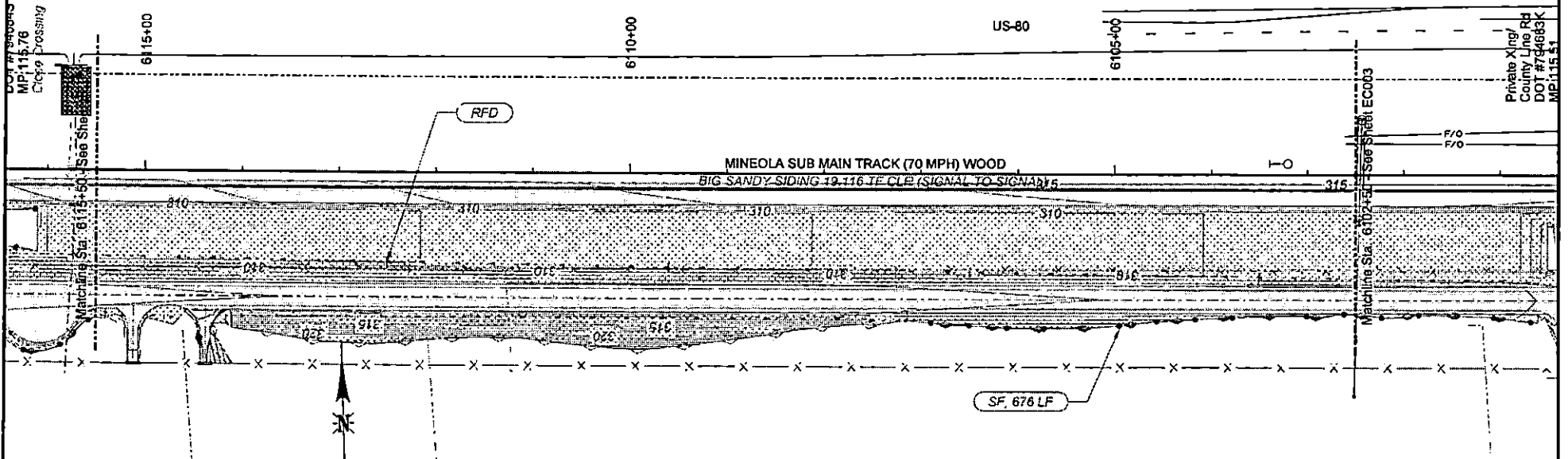
UNION PACIFIC RAILROAD
LOCATION & DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.76 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT
SHEET TITLE: EROSION CONTROL PLAN

To Fada
& SP Jct.
Timetable West

To Gladewater
& Longview
Timetable East

EROSION CONTROL LEGEND:

-  **SF** INSTALL SILT FENCE, PER TXDOT TEMPORARY SEDIMENT CONTROL FENCE STANDARD EC(1) - 16.
-  **RFD** INSTALL TYPE 4 ROCK FILTER DAM, PER TXDOT STANDARD EC(2) - 16. CONTRACTOR SHALL FURNISH SANDBAGS BENEATH ROCK FILTER DAM TO PROTECT CONCRETE CHANNEL.
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  EROSION CONTROL MAT



Color: 12/16/2021 10:43:00 AM
 J:\BENTLEY\PLT\CON\2021\000000\HR\SHEETS\East Road\EastRTEC-020005.dgn
 8/27/2021 8:27:23Z

90% DESIGN
NOT FOR CONSTRUCTION



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543



DAVID EVANS AND ASSOCIATES INC.
1645 Greens Prairie Road, Suite 104
College Station, TX 77845
Phone: 979.977.5500










DRAWN BY: IES
CHECKED BY: NPG
DATE: 8/27/2021
SHEET NUMBER: EC002 of EC011

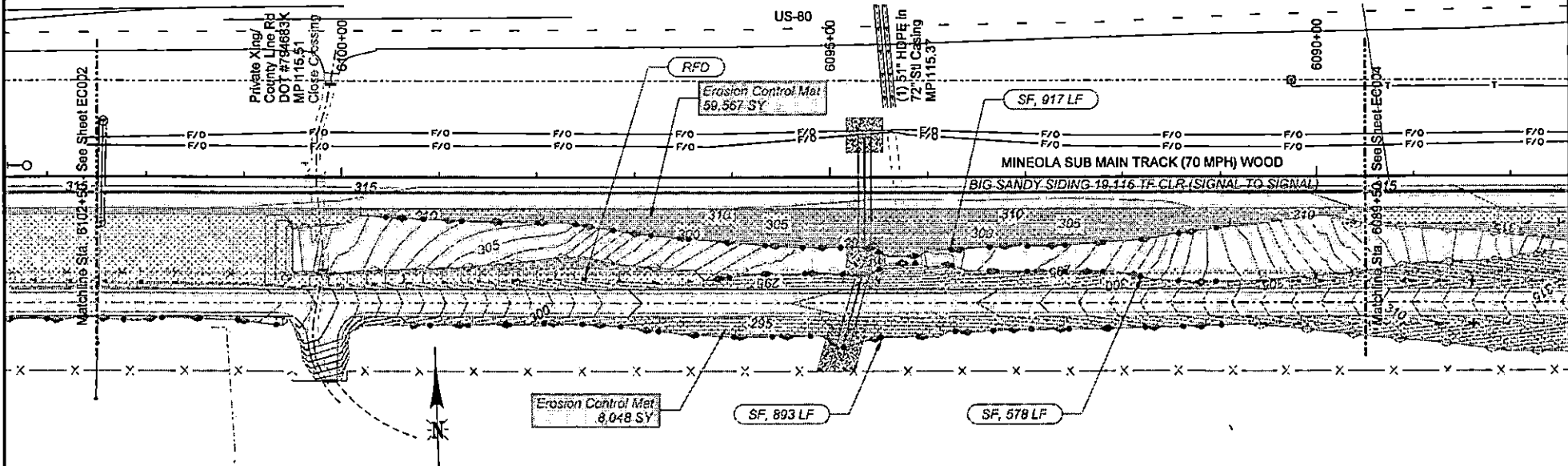
UNION PACIFIC RAILROAD	LOCATION & DESCRIPTION:	BIG SANDY, TX MINEOLA SUBDIVISION MP 113.76 - 116.74 CONSTRUCT EAST ROAD ALIGNMENT
	SHEET TITLE:	EROSION CONTROL PLAN

To Fada
& SP Jct.
Timetable West

To Gladwater
& Longview
Timetable East

EROSION CONTROL LEGEND:

-  **SF** INSTALL SILT FENCE, PER TXDOT TEMPORARY SEDIMENT CONTROL FENCE STANDARD EC(1) - 16.
-  **RFD** INSTALL TYPE 4 ROCK FILTER DAM, PER TXDOT STANDARD EC(2) - 16. CONTRACTOR SHALL FURNISH SANDBAGS BENEATH ROCK FILTER DAM TO PROTECT CONCRETE CHANNEL.
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  EROSION CONTROL MAT



Color: Mobil; J:\BENTLEY\Content\Projects\81\WorkSpace\Clients\81\UPRR\Tables\Fern\UPRR_VB_Pennable_50DPR40.tbl
 P:\UPRR\000503\0400CAD\RR\SHEETS\East_Road_Design\EC-0030061.dgn
 8/27/2021 8:17:23AM

90% DESIGN
NOT FOR CONSTRUCTION



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543

DAVID EVANS AND ASSOCIATES INC.
 1245 Greens Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979.977.5600










DRAWN BY: ICS
 CHECKED BY: NPG
 DATE: 8/27/2021
 SHEET NUMBER:
 SC003 OF EC01

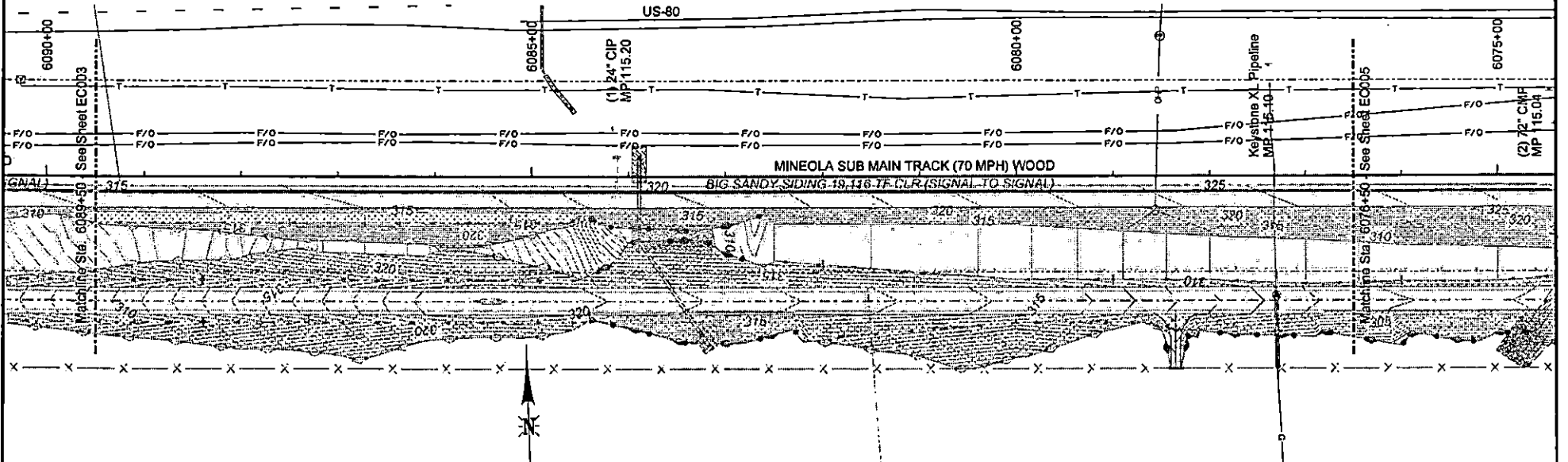
UNION PACIFIC RAILROAD
 LOCATION & DESCRIPTION: BIG SANDY, TX
 DATE: 8/27/2021
 SHEET NUMBER:
 SHEET TITLE: EROSION CONTROL PLAN

To Fada
& SP Jct.
Timetable West

To Gladewater
& Longview
Timetable East

EROSION CONTROL LEGEND:

-  **SF** INSTALL SILT FENCE, PER TXDOT TEMPORARY SEDIMENT CONTROL FENCE STANDARD EC(1) - 16.
-  **RFD** INSTALL TYPE 4 ROCK FILTER DAM, PER TXDOT STANDARD EC(2) - 16. CONTRACTOR SHALL FURNISH SANDBAGS BENEATH ROCK FILTER DAM TO PROTECT CONCRETE CHANNEL.
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  EROSION CONTROL MAT



Color table:
C:\p001\Projects\8181\8181.dwg
P:\UNIVERSITY\00000000\CA000000\AR\AR\00000000.dwg
8/27/2021 8:27:20Z

90% DESIGN
NOT FOR CONSTRUCTION



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543



DAVID EVANS AND ASSOCIATES INC.
1645 Greene Prairie Road, Suite 104
College Station, TX 77845
Phone: 979.977.5600



DRAWN BY: IES
CHECKED BY: NPG
DATE: 8/27/2021
SHEET NUMBER: ECD04 of ECD11

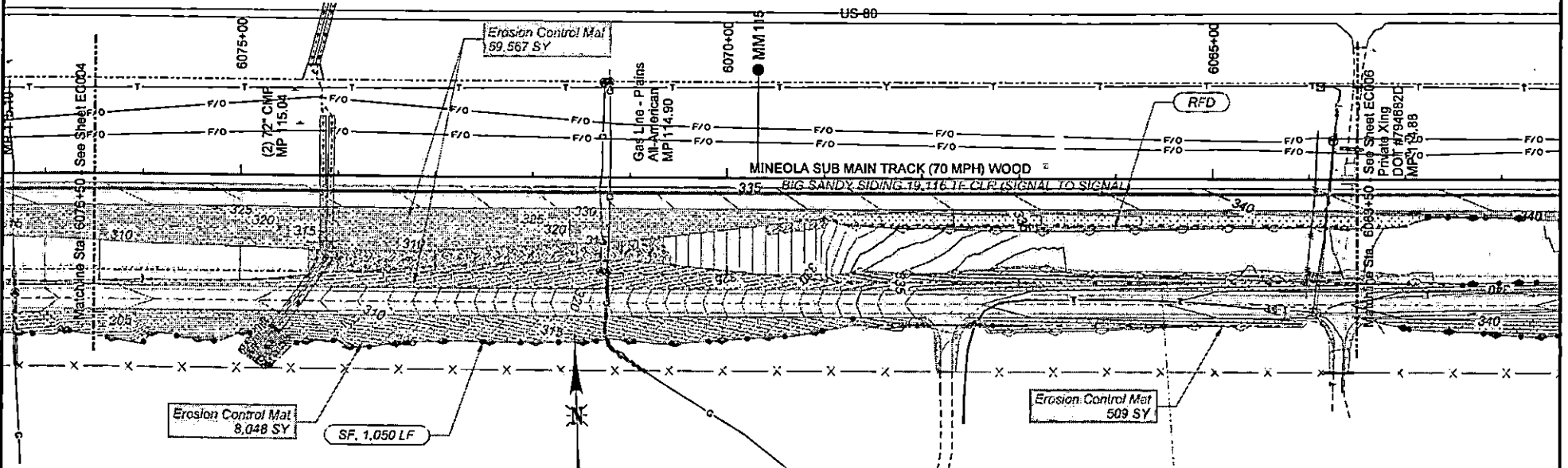
UNION PACIFIC RAILROAD
LOCATION & DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.76 - 118.74
CONSTRUCT EAST ROAD ALIGNMENT
SHEET TITLE: EROSION CONTROL PLAN

To Fada
& SP Jct.
Timetable West

To Gladewater
& Longview
Timetable East

EROSION CONTROL LEGEND:

- SF** INSTALL SILT FENCE, PER TXDOT TEMPORARY SEDIMENT CONTROL FENCE STANDARD EC(1) - 16.
- RFD** INSTALL TYPE 4 ROCK FILTER DAM, PER TXDOT STANDARD EC(2) - 16. CONTRACTOR SHALL FURNISH SANDBAGS BENEATH ROCK FILTER DAM TO PROTECT CONCRETE CHANNEL.
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- EROSION CONTROL MAT



Code: \\net\cort\proj\atlas\B\WorkSpace\Clients\B\LEPR\Tables\Tables\UPRR\B\Final\509502.tbl
 P:\UPPR\000000\040000\ERR\SHEETS\East_Road_Design\EC-050502.dgn
 8/27/2021 8:27:20Z

90% DESIGN
NOT FOR CONSTRUCTION



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543



DAVID EVANS AND ASSOCIATES INC.
1845 Green Prairie Road, Suite 104
College Station, TX 77845
Phone: 979.977.5500



DRAWN BY: IES
CHECKED BY: N/PD
DATE: 8/27/2021
SHEET NUMBER: EC005 of EC011

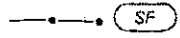
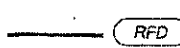





UNION PACIFIC RAILROAD

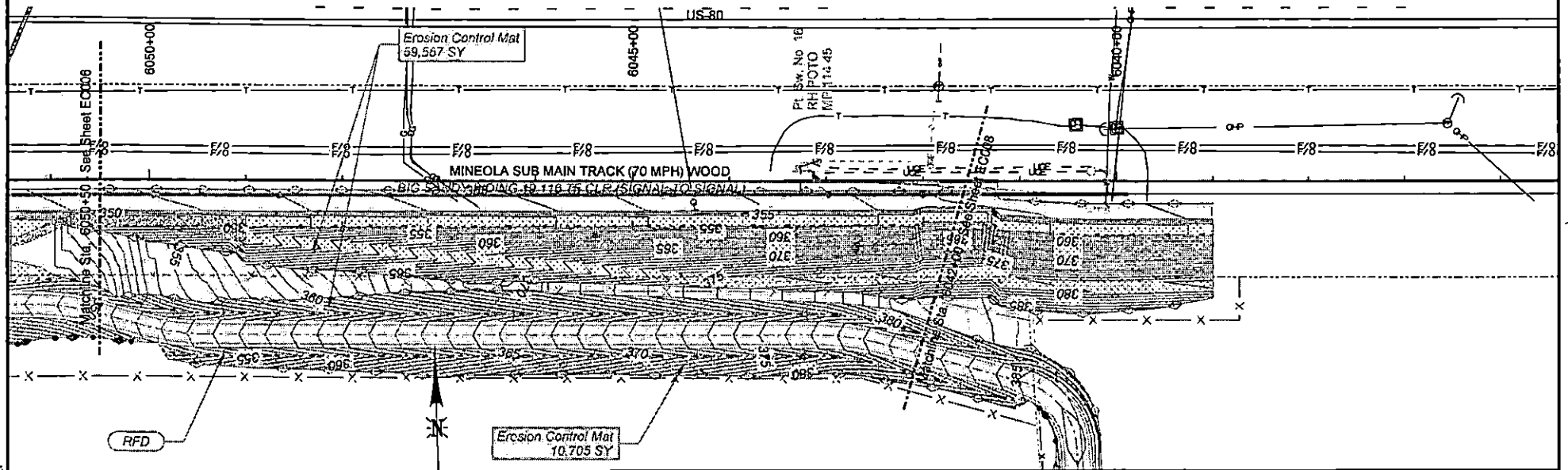
LOCATION & DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.75 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT
SHEET TITLE: EROSION CONTROL PLAN

To Fada
& SP Jct.
Timetable West

To Gladewater
& Longview
Timetable East

EROSION CONTROL LEGEND:

-  **SF** INSTALL SILT FENCE, PER TXDOT TEMPORARY SEDIMENT CONTROL FENCE STANDARD EC(1) - 16.
-  **RFD** INSTALL TYPE 4 ROCK FILTER DAM, PER TXDOT STANDARD EC(2) - 16. CONTRACTOR SHALL FURNISH SANDBAGS BENEATH ROCK FILTER DAM TO PROTECT CONCRETE CHANNEL.
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  EROSION CONTROL MAT



Color table: I:\BENTLEY\Content\ec0108\1\UPRR_Tables\Pen\UPPR_18_PenTable_3003RD.tbl
 I:\BENTLEY\Content\ec0108\1\UPRR_Tables\Pen\UPPR_18_PenTable_3003RD.tbl
 8/27/2021 8:27:20Z

90% DESIGN
NOT FOR CONSTRUCTION



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543







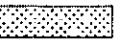
DAVID EVANS AND ASSOCIATES INC.
1845 Greens Prairie Road, Suite 104
College Station, TX 77845
Phone: 979.977.5600

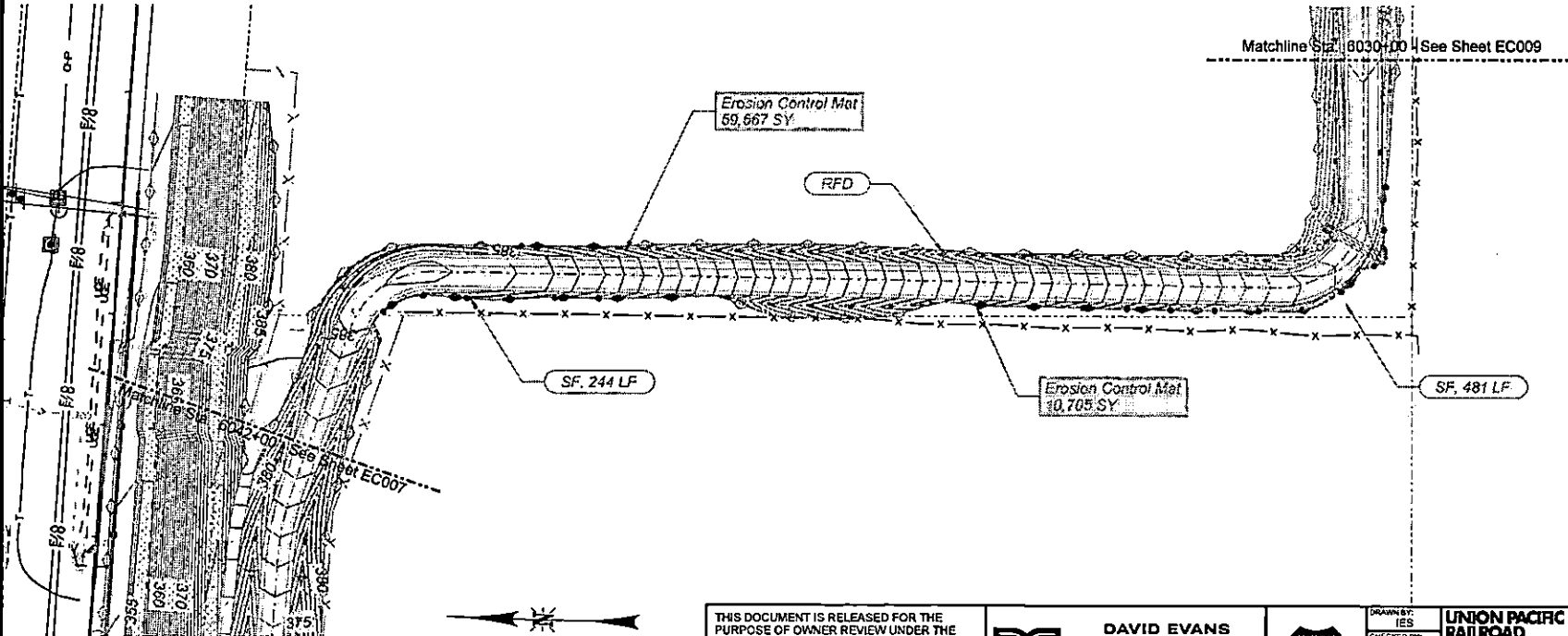
DRAWN BY: IES CHECKED BY: NPG DATE: 8/27/2021 SHEET NUMBER: EC007 of EC011	UNION PACIFIC RAILROAD LOCATION & DESCRIPTION: BIG SANDY, TX MINEOLA SUBDIVISION MP 113.76 - 116.74 CONSTRUCT EAST ROAD ALIGNMENT SHEET TITLE: EROSION CONTROL PLAN
---	--

To Fada
& SP Jct.
Timetable West

To Gladewater
& Longview
Timetable East

EROSION CONTROL LEGEND:

-  **SF** INSTALL SILT FENCE PER TXDOT TEMPORARY SEDIMENT CONTROL FENCE STANDARD EC(1) - 15.
-  **RFD** INSTALL TYPE 4 ROCK FILTER DAM PER TXDOT STANDARD EC(2) - 16. CONTRACTOR SHALL FURNISH SANDBAGS BENEATH ROCK FILTER DAM TO PROTECT CONCRETE CHANNEL.
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  EROSION CONTROL MAT



C:\Users\jeh1\OneDrive\Workspaces\CLients\Bil. LE\RRR\Tables\Plan\RRR_V01_P\entable_500900.tbl
 P:\NUPRR\00000000\040002\ARR\SHEETS\East_Road_Design\EC-00100.dgn
 8/27/2021 8:27:20P

90% DESIGN
NOT FOR CONSTRUCTION



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543



DAVID EVANS AND ASSOCIATES INC.
1645 Crooked Prairie Road, Suite 104
College Station, TX 77845
Phone: 979.877.5600










DRAWN BY: IES
CHECKED BY: NPG
DATE: 8/27/2021
SHEET NUMBER: EC009 of EC011

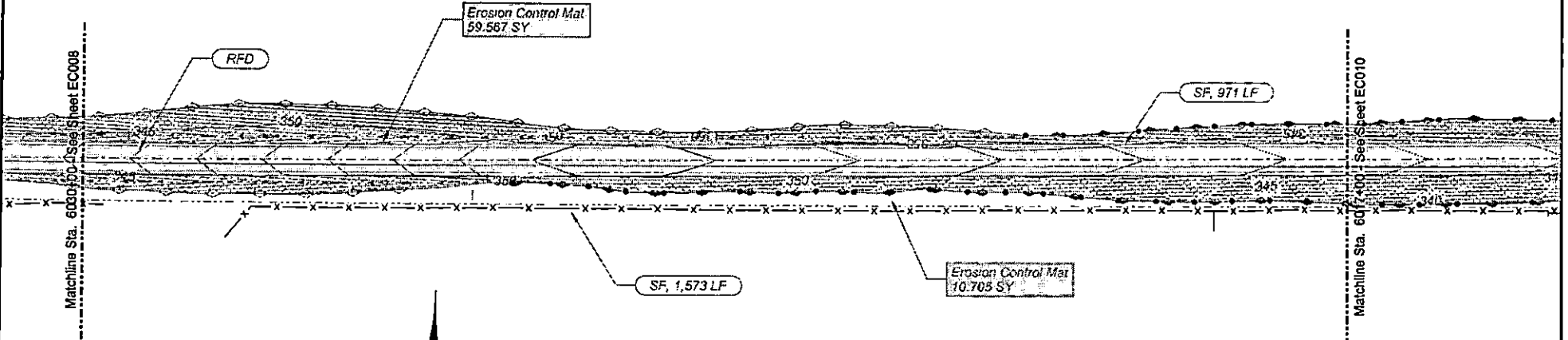
UNION PACIFIC RAILROAD
LOCATION & DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.76 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT
SHEET TITLE: EROSION CONTROL PLAN

To Fada
& SP Jct.
Timetable West

To Gladewater
& Longview
Timetable East

EROSION CONTROL LEGEND:

-  **SF** INSTALL SILT FENCE PER TYDOT TEMPORARY SEDIMENT CONTROL FENCE STANDARD EC(1) - 16.
-  **RFD** INSTALL TYPE 4 ROCK FILTER DAM PER TYDOT STANDARD EC(2) - 16. CONTRACTOR SHALL FURNISH SANDBAGS BENEATH ROCK FILTER DAM TO PROTECT CONCRETE CHANNEL.
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  **EROSION CONTROL MAT**



C:\p\m\proj\eroc\eroc.dwg (11/11/2021 10:00:00) User: L. J. Turner, P.E. File Path: C:\p\m\proj\eroc\eroc.dwg
 P:\M\PROJ\EROC\EROC.DWG (11/11/2021 10:00:00) User: L. J. Turner, P.E. File Path: C:\p\m\proj\eroc\eroc.dwg
 8/27/2021 8:27:2021

90% DESIGN
NOT FOR CONSTRUCTION



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543

DE
DAVID EVANS AND ASSOCIATES INC.
1645 Greens Prairie Road, Suite 104
College Station, TX 77845
Phone: 979.977.5600

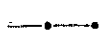






UNION PACIFIC

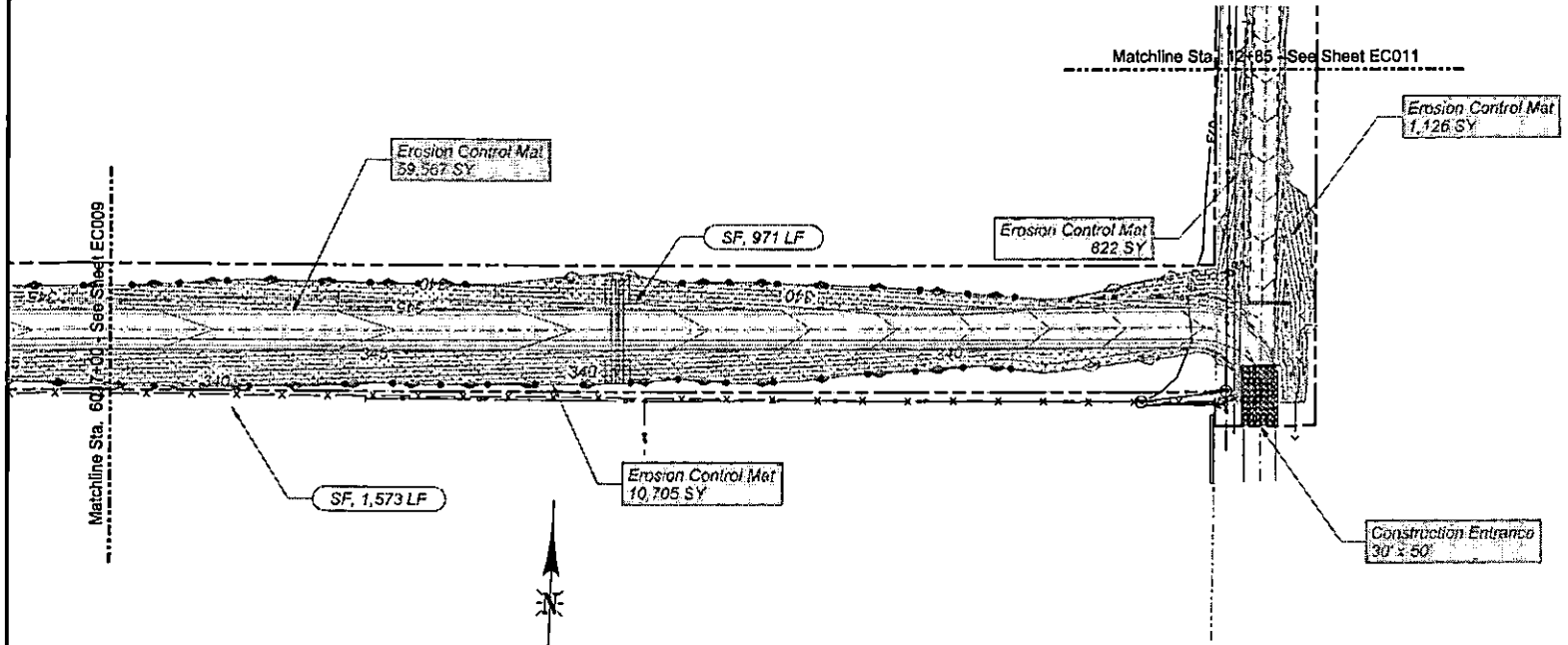
DRAWN BY: IES CHECKED BY: NFG DATE: 8/27/2021 SHEET NUMBER: EC009 of EC011	UNION PACIFIC RAILROAD LOCATION & DESCRIPTION: BIG SANDY, TX MINEOLA SUBDIVISION MP 113.76 - 118.74 CONSTRUCT EAST ROAD ALIGNMENT SHEET TITLE: EROSION CONTROL PLAN
---	--

To Fada
& SP Jct.
Timetable West

To Gladewater
& Longview
Timetable East

EROSION CONTROL LEGEND:

-  **SF** INSTALL SILT FENCE, PER TXDOT TEMPORARY SEDIMENT CONTROL FENCE STANDARD EC(1) - 16.
-  **RFD** INSTALL TYPE 4 ROCK FILTER DAM, PER TXDOT STANDARD EC(2) - 16. CONTRACTOR SHALL FURNISH SANDBAGS BENEATH ROCK FILTER DAM TO PROTECT CONCRETE CHANNEL.
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  EROSION CONTROL MAT



Color Codes: 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000.

90% DESIGN
NOT FOR CONSTRUCTION









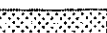
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E., 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES. TEXAS REGISTERED ENGINEERING FIRM F-5543

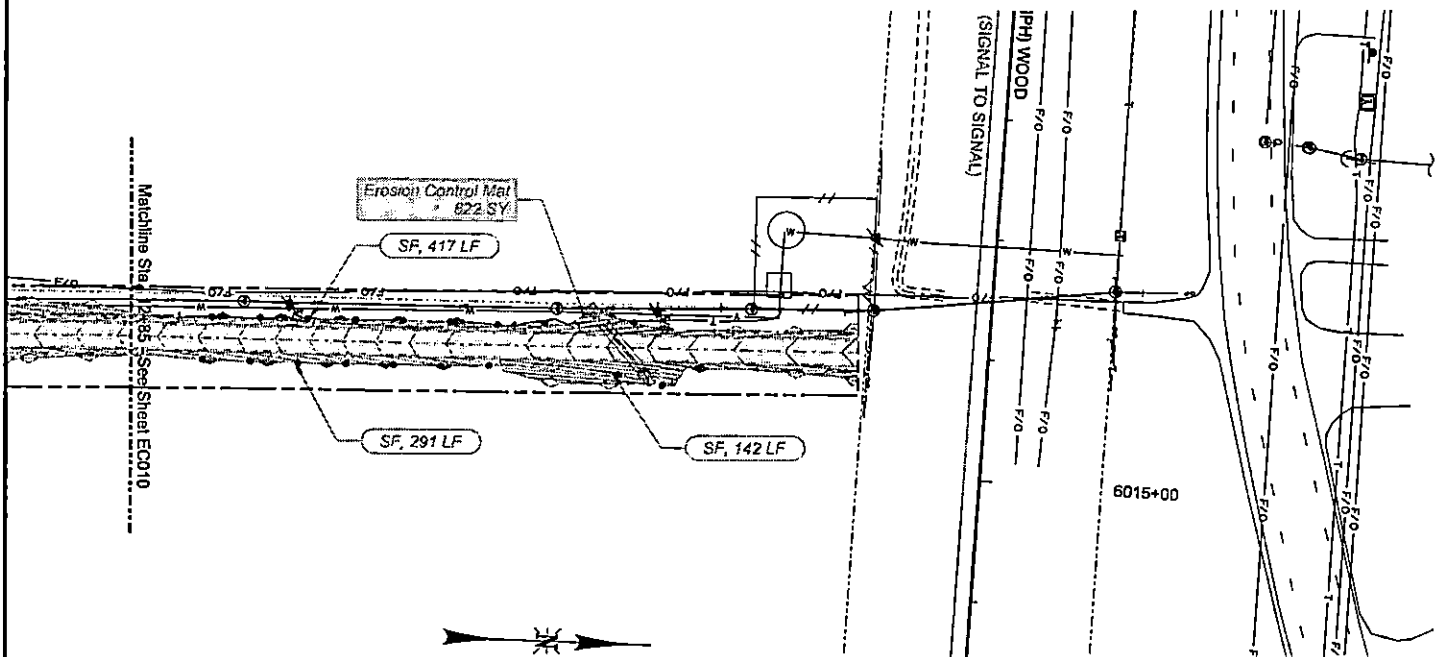
DAVID EVANS AND ASSOCIATES INC.
1645 Greene Prairie Road, Suite 104
College Station, TX 77845
Phone: 979.977.5600



DRAWN BY: IES CHECKED BY: NPG DATE: 8/27/2021 SHEET NUMBER: EC010 of EC011	UNION PACIFIC RAILROAD LOCATION & DESCRIPTION: BIG SANDY, TX MINEOLA SUBDIVISION MP 113.76 - 116.74 CONSTRUCT EAST ROAD ALIGNMENT SHEET TITLE: EROSION CONTROL PLAN
---	--

EROSION CONTROL LEGEND:

-  **SF** INSTALL SILT FENCE, PER TYDOT TEMPORARY SEDIMENT CONTROL FENCE STANDARD EC(1) - 16.
-  **RFD** INSTALL TYPE 4 ROCK FILTER DAM, PER TYDOT STANDARD EC(2) - 16. CONTRACTOR SHALL FURNISH SANDBAGS BENEATH ROCK FILTER DAM TO PROTECT CONCRETE CHANNEL.
-  PROPOSED MAJOR CONTOUR
-  PROPOSED MINOR CONTOUR
-  EXISTING MAJOR CONTOUR
-  EXISTING MINOR CONTOUR
-  EROSION CONTROL MAT



C:\p\m\l\er\p\ec010.dwg, 8/22/2021 8:27:21 AM
 P:\d\p\er\ec010.dwg, 8/22/2021 8:27:21 AM
 P:\d\p\er\ec010.dwg, 8/22/2021 8:27:21 AM

90% DESIGN
NOT FOR CONSTRUCTION

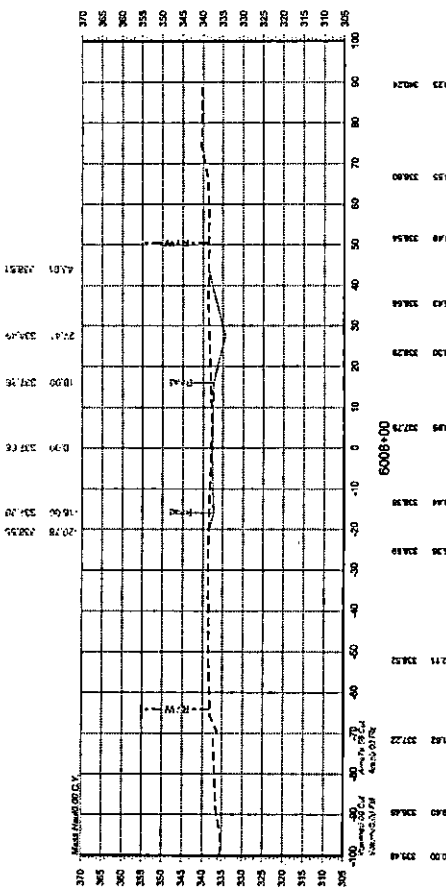
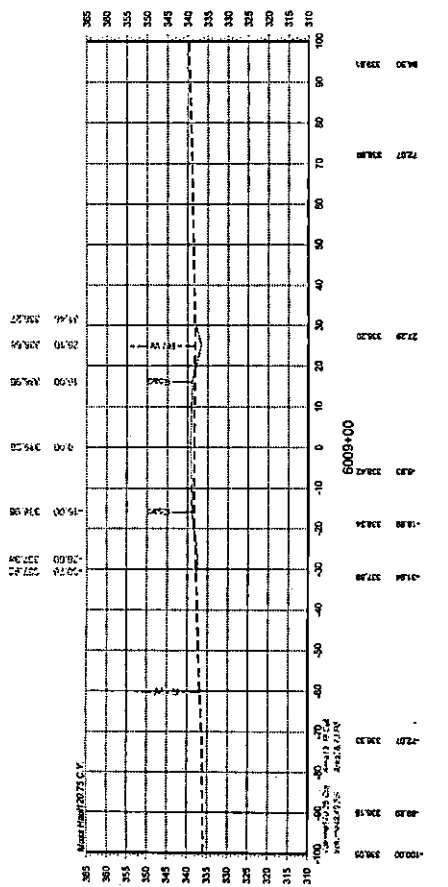
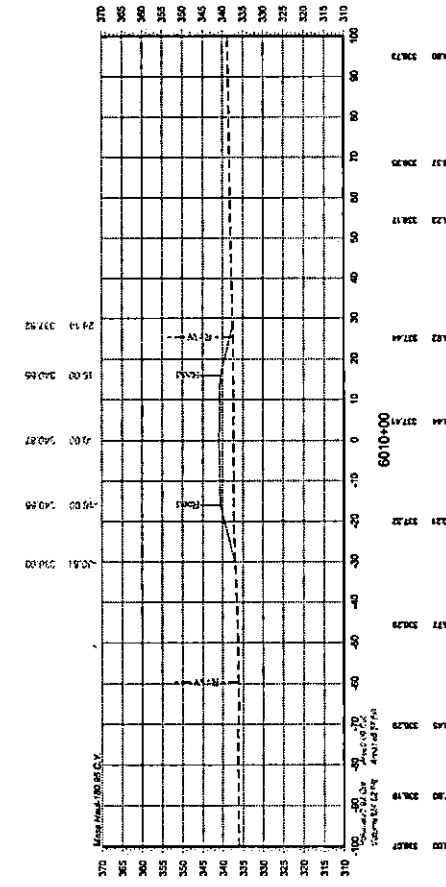
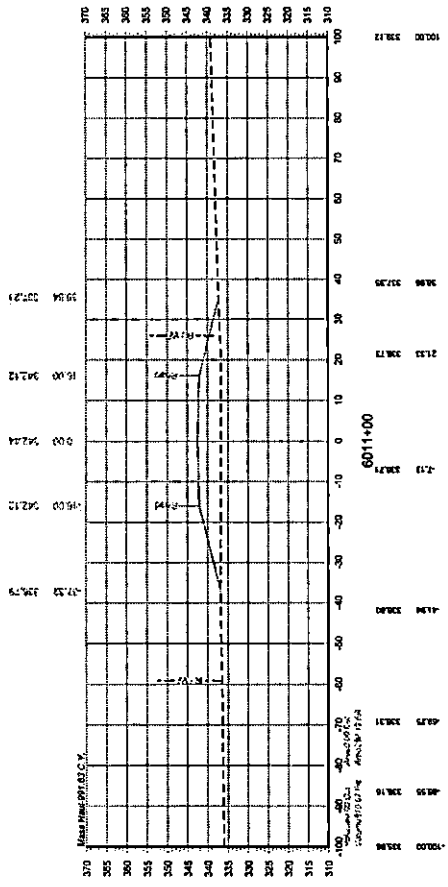


THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

DAVID EVANS AND ASSOCIATES INC.
 1645 Greens Prairie Road, Suite 104
 College Station, TX 77945
 Phone: 079.877.5600



DRAWN BY: IES	UNION PACIFIC RAILROAD
CHECKED BY: NPG	LOCATION & DESCRIPTION: BIG SANDY, TX
DATE: 8/27/2021	MINEOLA SUBDIVISION MP 113.76 - 116.74
SHEET NUMBER: EC011 of EC011	CONSTRUCT EAST ROAD ALIGNMENT
	SHEET TITLE: EROSION CONTROL PLAN



UNION PACIFIC
RAILROAD
BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.76 - 118.74
CONSTRUCT EAST ROAD ALIGNMENT

DESIGNED BY: IES
CHECKED BY: NFG
DATE: 8/27/2021
PROJECT NO: 1811110001
SHEET NO: X0010 X004

DAVID EVANS
AND ASSOCIATES INC.
7405 Greene Prairie Road, Suite 604
College Station, TX 77945
Phone: 679.977.5600

THIS DOCUMENT IS RELEASED FOR THE
PURPOSE OF OWNER REVIEW UNDER THE
AUTHORITY OF LEV J. TURNER, P.E. 17563
ON 8/27/2021. IT IS NOT TO BE USED FOR
PUBLIC BIDDING, OR CONSTRUCTION
PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543

90% DESIGN
NOT FOR CONSTRUCTION
East Road

THIS DOCUMENT IS RELEASED FOR THE
 PURPOSE OF OWNER REVIEW UNDER THE
 AUTHORITY OF LEVI J. TURNER, P.E. 117553
 ON 07/27/2021. IT IS NOT TO BE USED FOR
 PERMIT, BIDDING, OR CONSTRUCTION
 TEXAS REGISTERED ENGINEERING FIRM F-5543

**DAVID EVANS
 AND ASSOCIATES INC.**
 1645 Green Park Road, Suite 604
 Colleague Station, TX 77045
 Phone: 877/977-5500

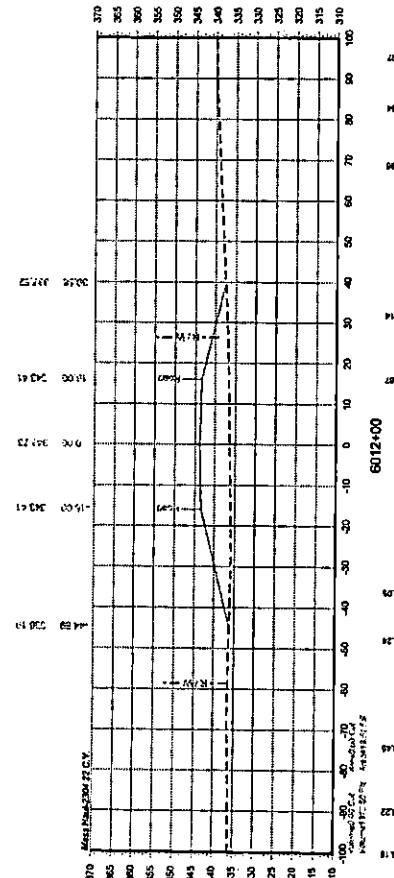
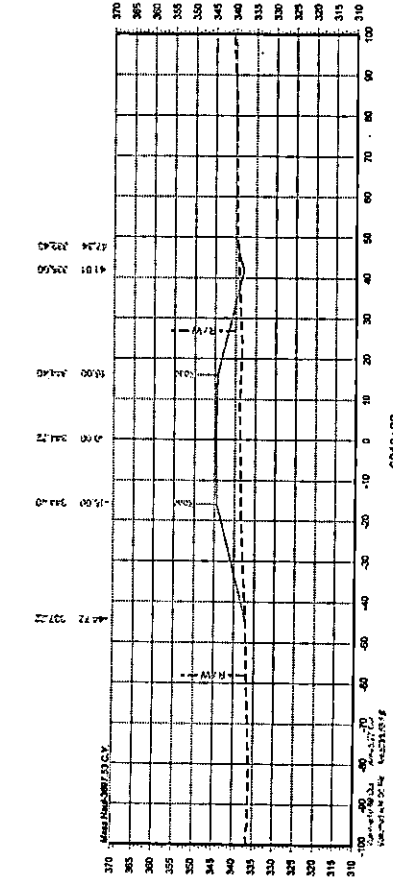
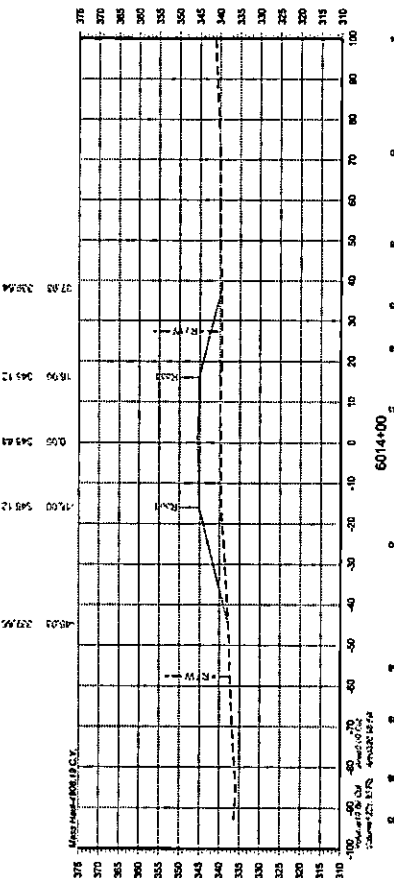
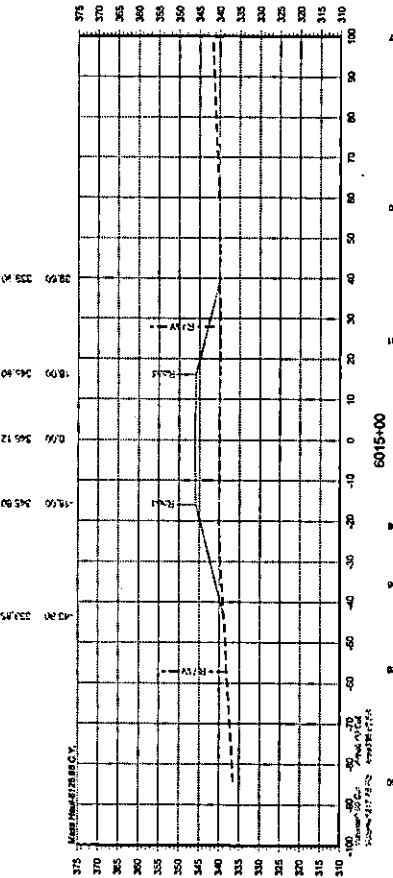


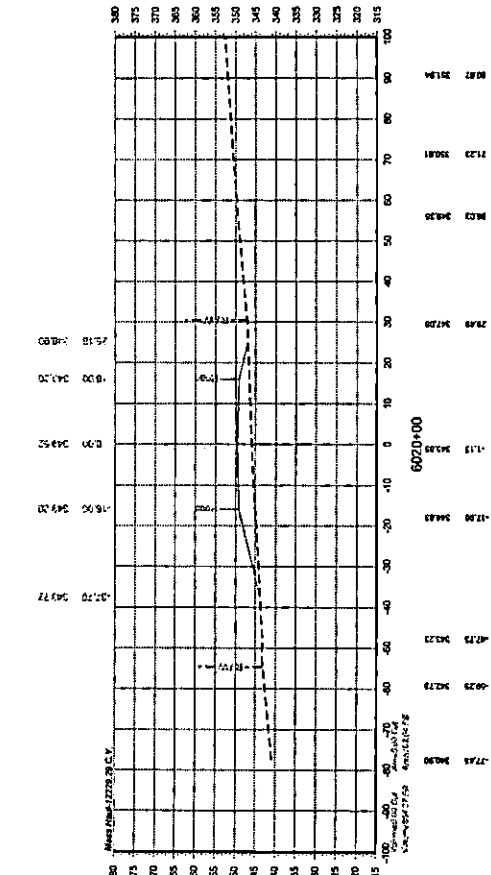
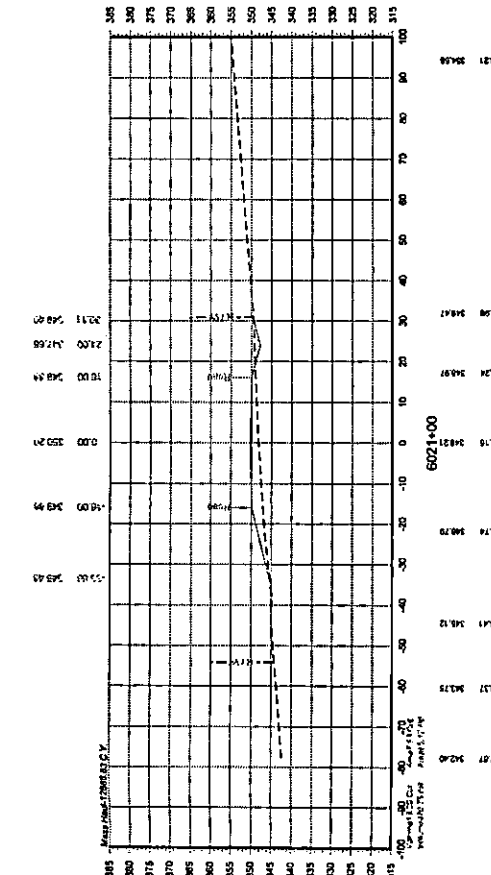
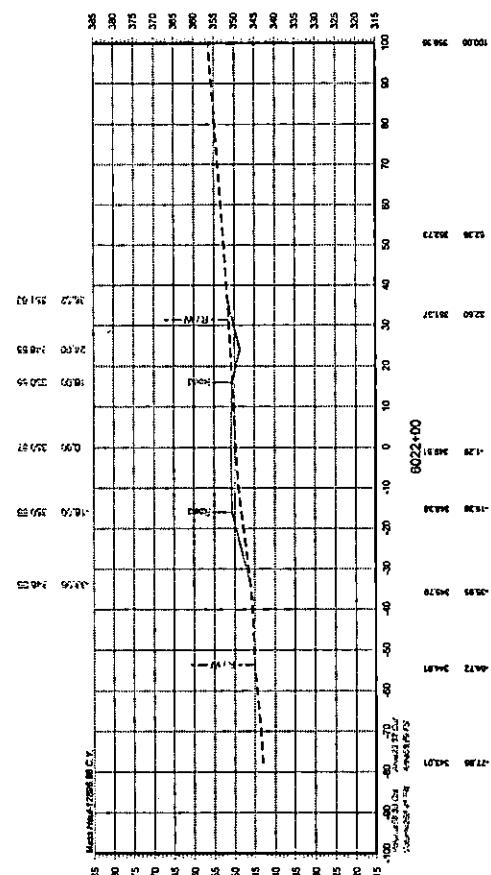
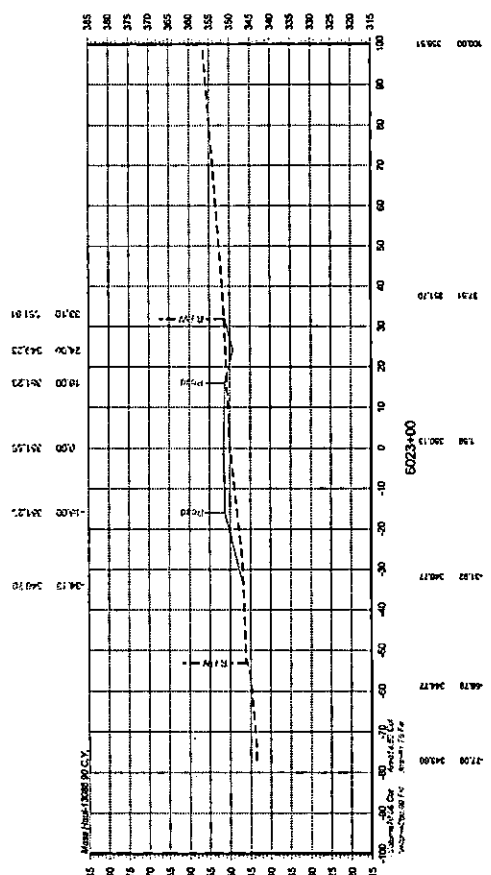
**UNION PACIFIC
 RAILROAD**
 LOCATION DESCRIPTION: BIG SANDY, TX
 MINICOLA SUBDIVISION
 PROJECT TITLE: CONSTRUCT EAST ROAD ALIGNMENT
 SHEET NUMBER: X 002 of X004

CROSS SECTIONS STA. 6012+00 TO STA. 6015+00

90% DESIGN NOT FOR CONSTRUCTION

East Road





THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE PROVISIONS OF THE OPEN RECORD ACT. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES. TEXAS REGISTERED ENGINEERING FIRM F-55433

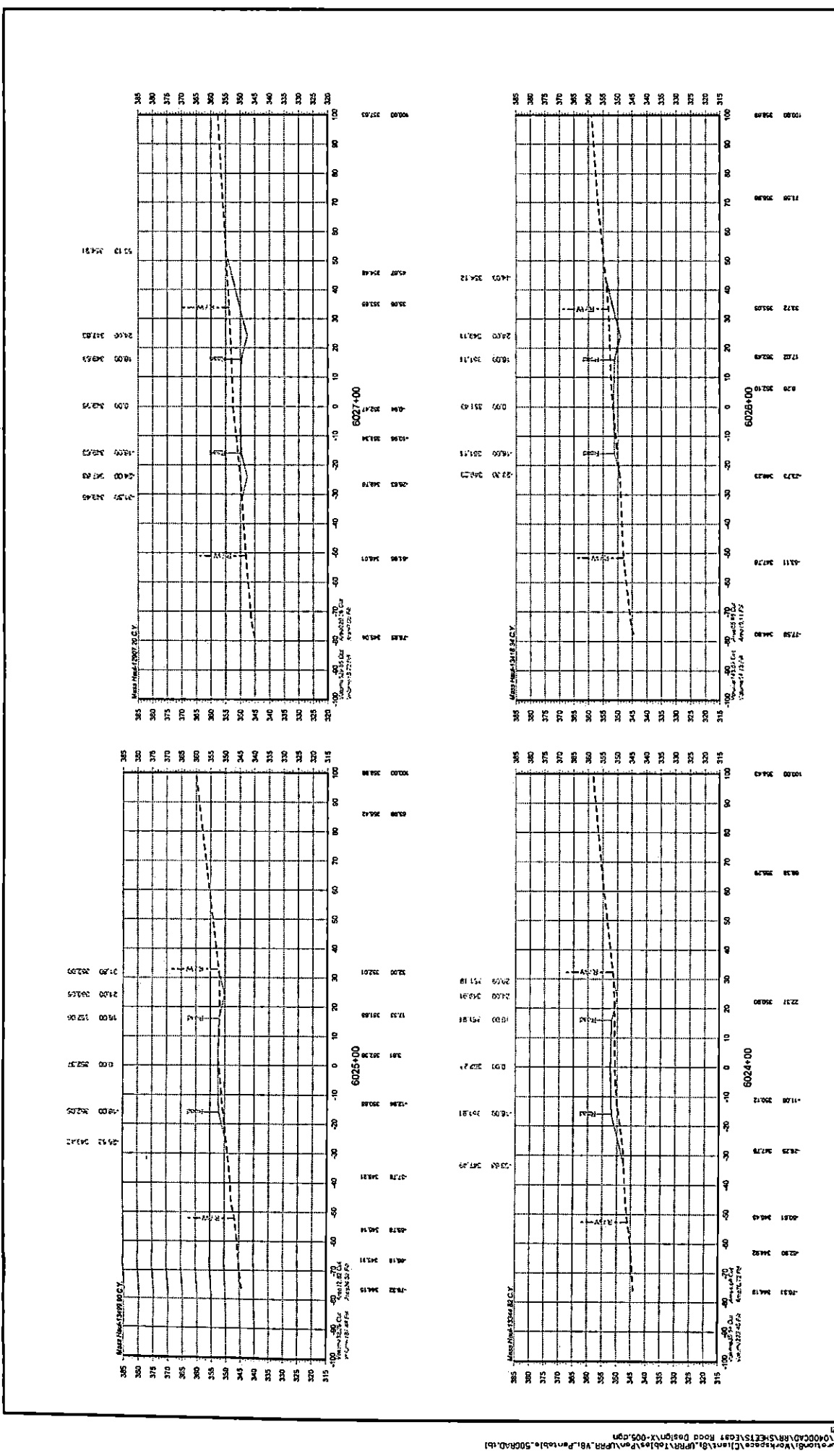
DAVID EVANS AND ASSOCIATES INC.
 1645 Green Prairie Road, Suite 104
 College Station, TX 77945
 Phone: 979/775/5000

UNION PACIFIC RAILROAD

UNION PACIFIC RAILROAD
 BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET NO. X004 of X034
 CROSS SECTIONS STA. 6020+00 TO STA. 6024+00

90% DESIGN NOT FOR CONSTRUCTION

East Road



90% DESIGN
NOT FOR CONSTRUCTION

East Road

THIS DOCUMENT IS RELEASED FOR THE USE OF THE CLIENT AS A GUIDE ONLY. THE AUTHORITY OF LEVI J. TUNNEY, P.E. 117565 ON 8/27/2021, IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES. TEXAS REGISTERED ENGINEERING FIRM F-5543

DAVID EVANS AND ASSOCIATES, INC.
645 Greene Park Road, Suite 104
College Station, TX 77845
Phone: 979/877-5600

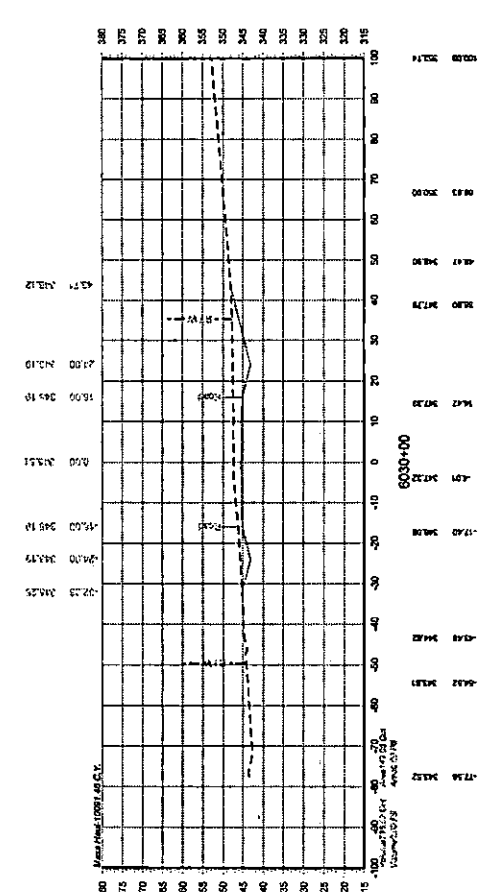
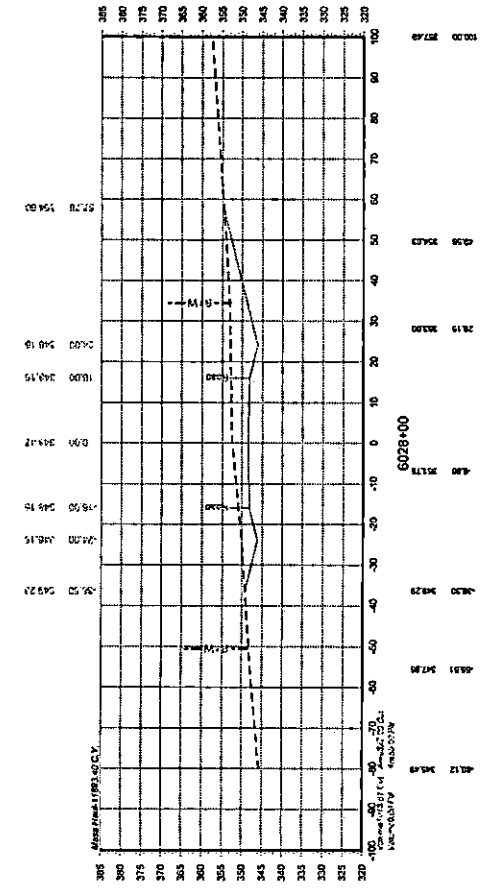
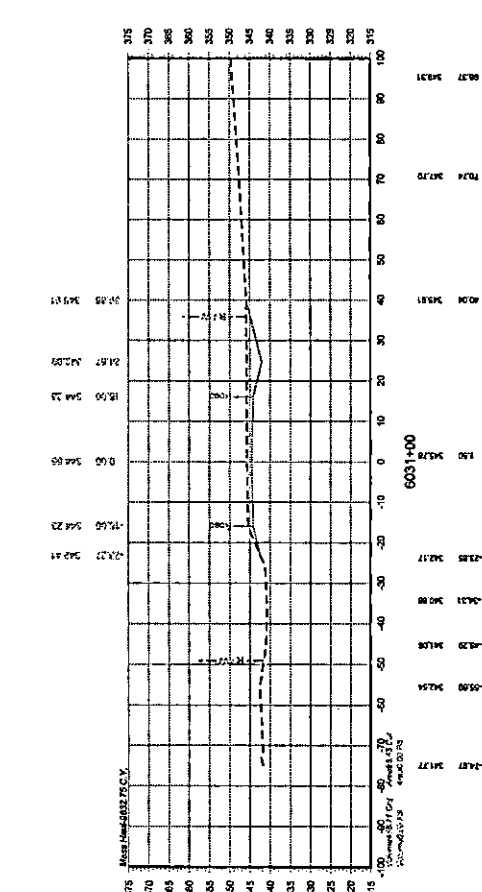
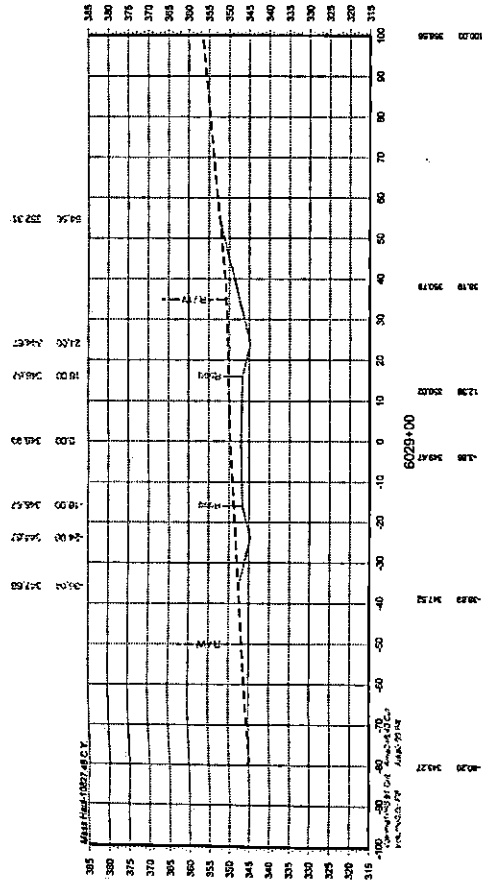
UNION PACIFIC RAILROAD

CONTRACT DESCRIPTION: **BIG SANDY, TX**
MINEOLA SUBDIVISION MP 113.26 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT

SHEET NO.: **X003 of X004**
SHEET NAME: **CROSS SECTIONS STA. 6024+00 TO STA. 6027+00**

DRAWN BY: **IES**
CHECKED BY: **WFO**
DATE: **8/27/2021**

UNION PACIFIC RAILROAD



THIS DOCUMENT IS RELEASED FOR THE
 PURPOSE OF OWNER REVIEW UNDER THE
 AUTHORITY OF LEV J. TURNER, P.E. 117563
 ON 8/27/2021. IT IS NOT TO BE USED FOR
 ANY ADDITIONAL BIDDING OR CONSTRUCTION
 PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-55433

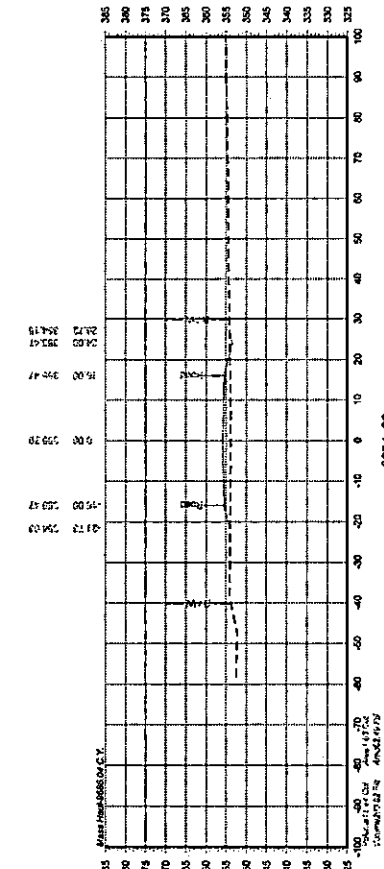
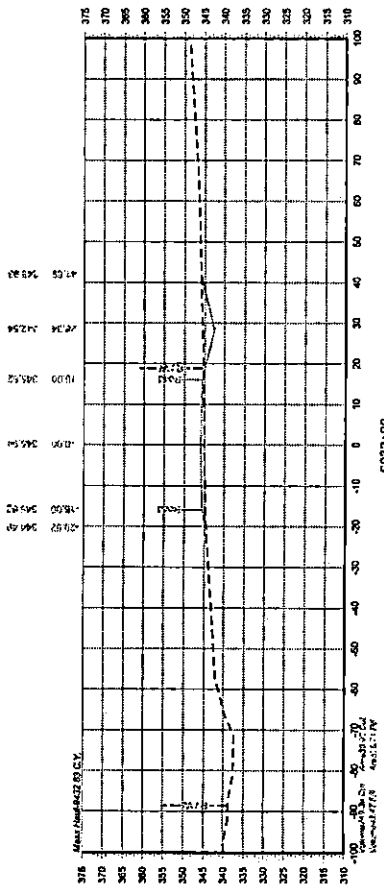
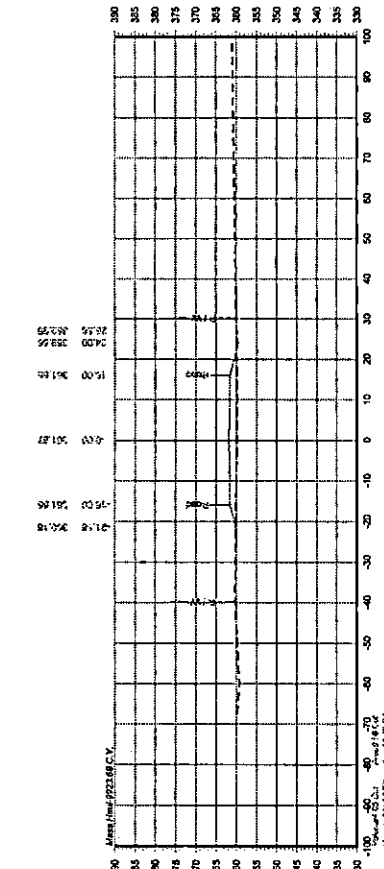
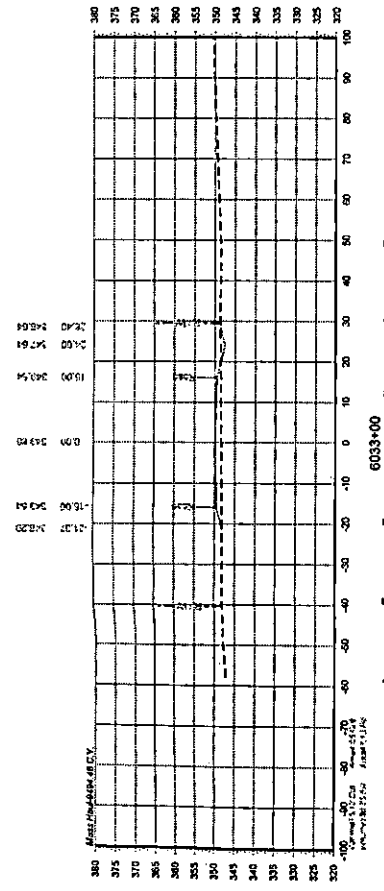
90% DESIGN
NOT FOR CONSTRUCTION



**DAVID EVANS
 AND ASSOCIATES INC.**
 1645 Green Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979/7715600

**UNION PACIFIC
 RAILROAD**
 TRACKS 18 & 2522-7000
 BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT

CROSS SECTIONS STA. 6028+00 TO STA. 6031+00
 SHEET TITLE
 X006 OF X004
 DATE: 8/27/2021
 CHECKED BY: NFG
 DRAWN BY: LES



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117553 ON 02/27/2021. IT IS NOT TO BE USED FOR BIDDING, OR CONSTRUCTION PURPOSES.

DAVID EVANS AND ASSOCIATES INC.
 7645 Greene Prairie Road, Suite 104
 College Station, TX 77945
 Phone: 979.577.5900



UNION PACIFIC RAILROAD
 LOCATION & DESCRIPTION
 BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT

CROSS SECTIONS STA. 6032+00 TO STA. 6035+00
 SHEET TITLE
 SHEET NUMBER
 02/27/2021
 007 OF 1004

90% DESIGN
NOT FOR CONSTRUCTION
East Road

Color table:
 Client: 6037+00
 Project: 6037+00
 Date: 8/27/2021

90% DESIGN
 NOT FOR CONSTRUCTION

East Road

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

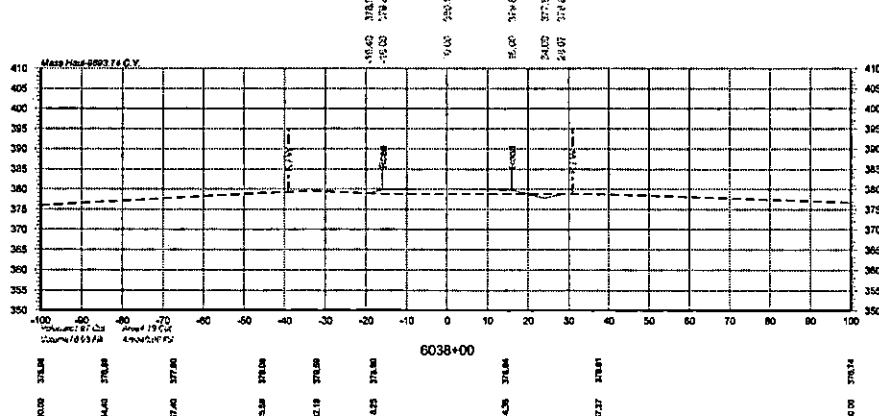
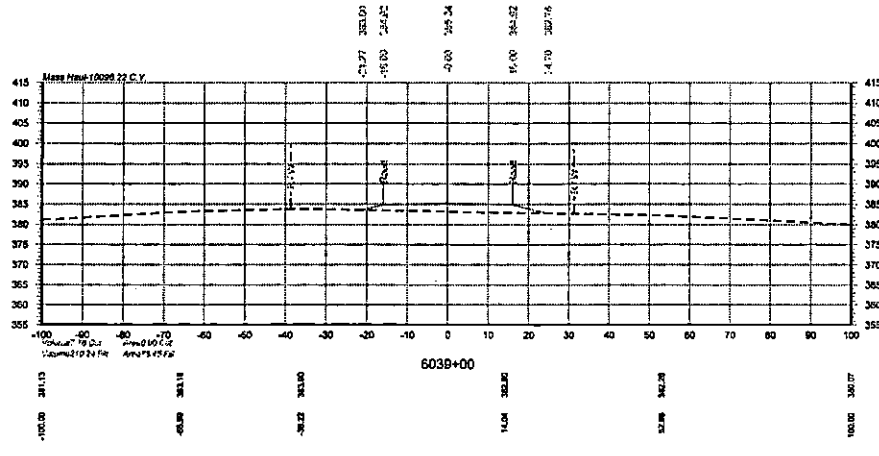
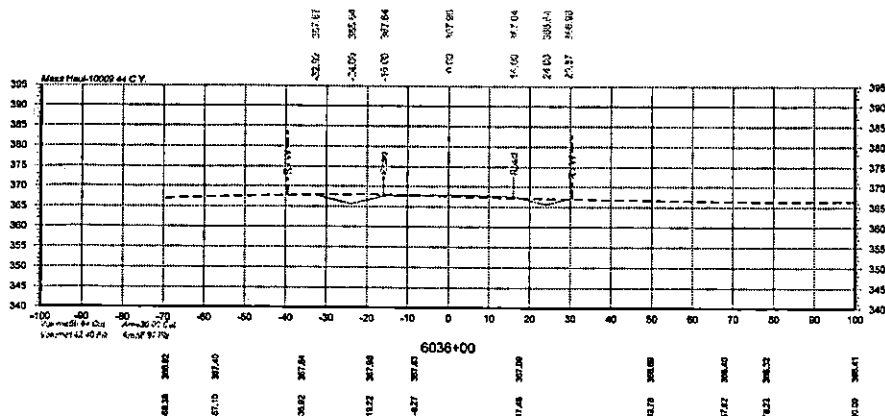
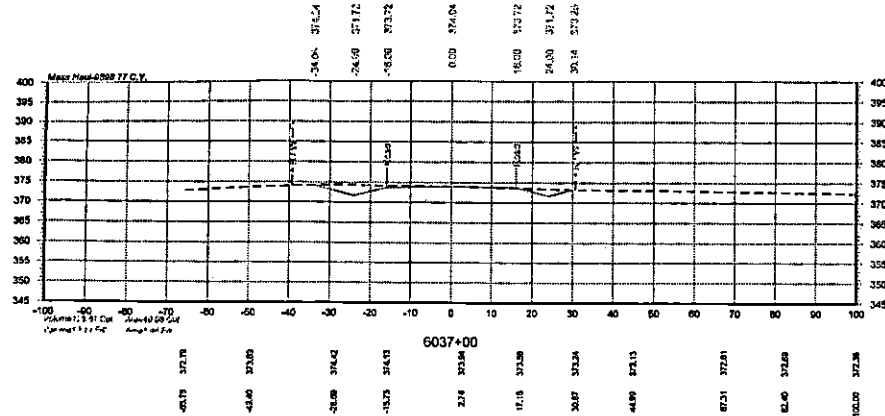


DAVID EVANS AND ASSOCIATES INC.
 1545 Green Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979.977.5600



DRAWN BY: JES
 CHECKED BY: NPG
 DATE: 8/27/2021
 SHEET NUMBER: X008 of X034

UNION PACIFIC RAILROAD
 LOCATION & DESCRIPTION: BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.78 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE: CROSS SECTIONS STA. 6038+00 TO STA. 6039+00





DAVID EVANS AND ASSOCIATES, INC.
 1945 Green Prairie Road, Suite 04
 College Station, TX 77845
 Phone: 979.977.5600

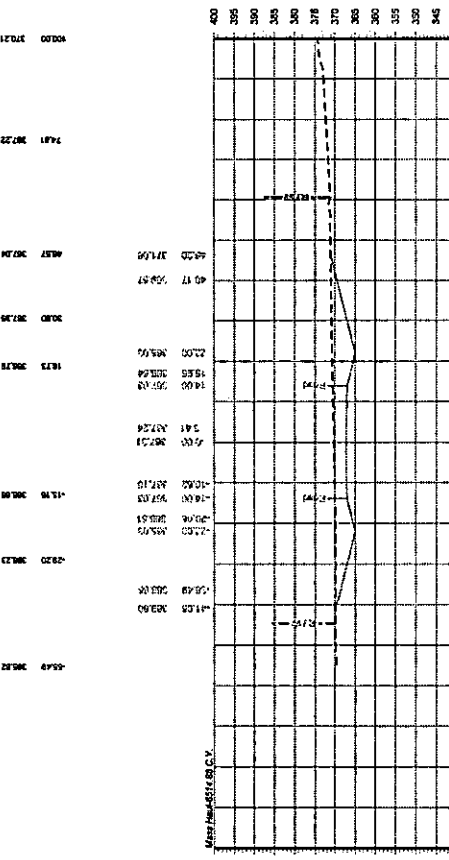
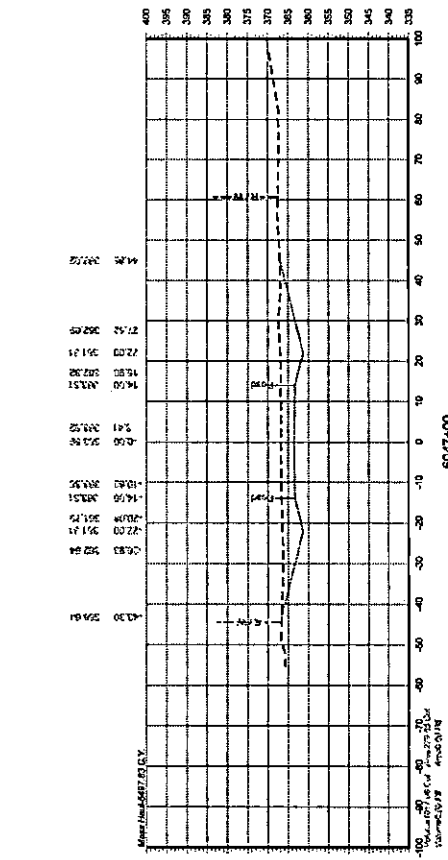
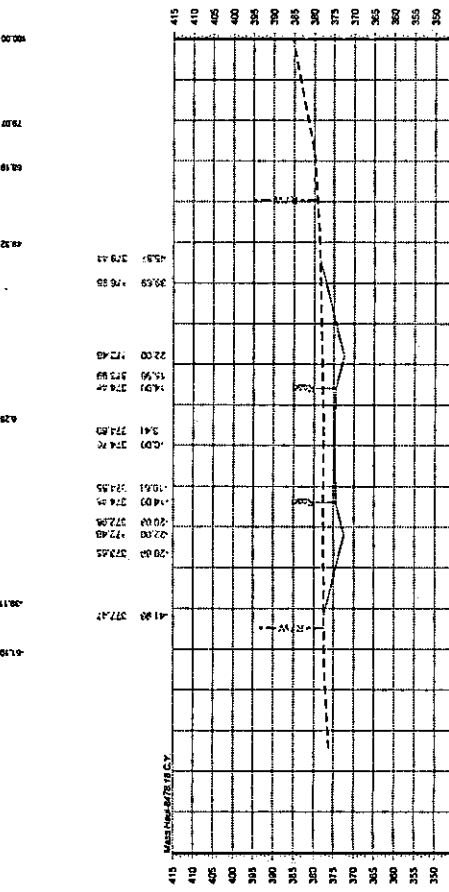
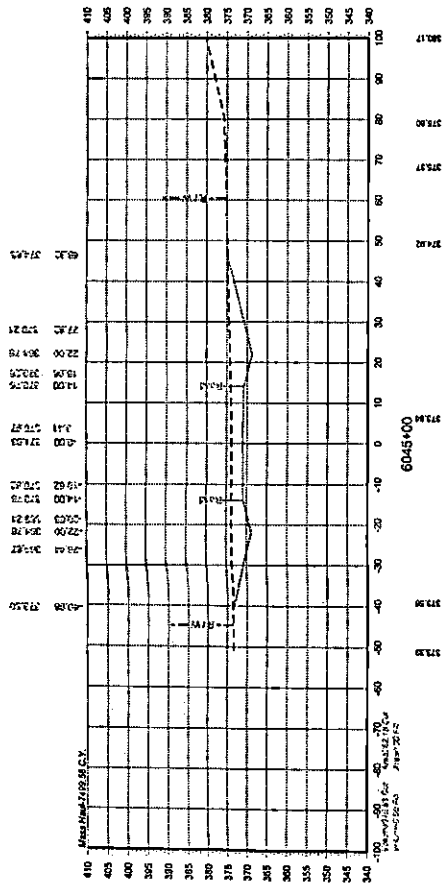


THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF TEXAS TURNPIKE DEPARTMENT OF TRANSPORTATION FOR PERMIT BIDDING, OR CONSTRUCTION PURPOSES. TEXAS REGISTERED ENGINEERING FIRM F-5543

East Road

90% DESIGN

NOT FOR CONSTRUCTION



Color: tables;
 J:\BENILEY\Conf\Projects\816\UPRR\Tables\Pen\UPRR_TB_Pentable_500RAD.tbl
 8/27/2021 8:27:20am
 G:\0040\NR\SHR\5\East_Road_Design\0040

90% DESIGN
 NOT FOR CONSTRUCTION

East Road

THIS DOCUMENT IS RELEASED FOR THE
 PURPOSE OF OWNER REVIEW UNDER THE
 AUTHORITY OF LEVI J. TURNER, P.E. 117583
 ON 8/27/2021. IT IS NOT TO BE USED FOR
 PERMIT, BIDDING, OR CONSTRUCTION
 PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

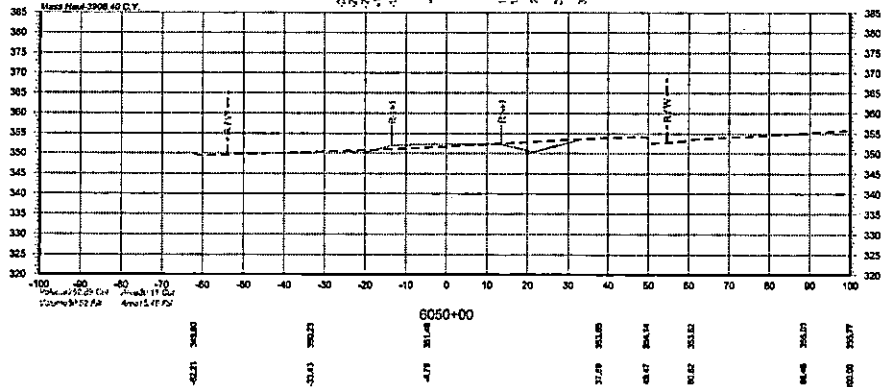
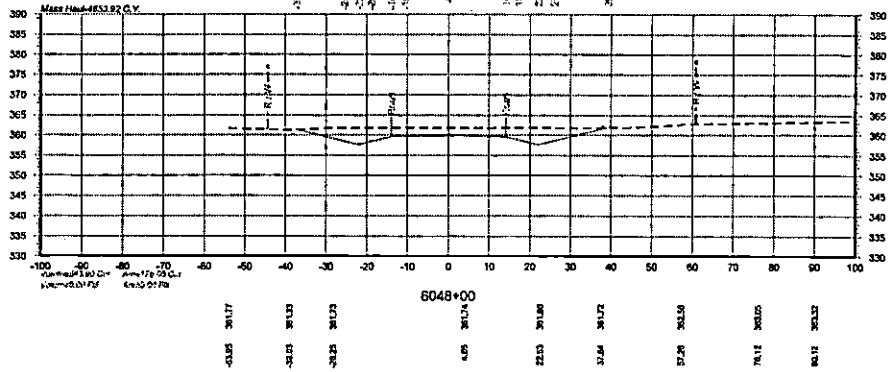
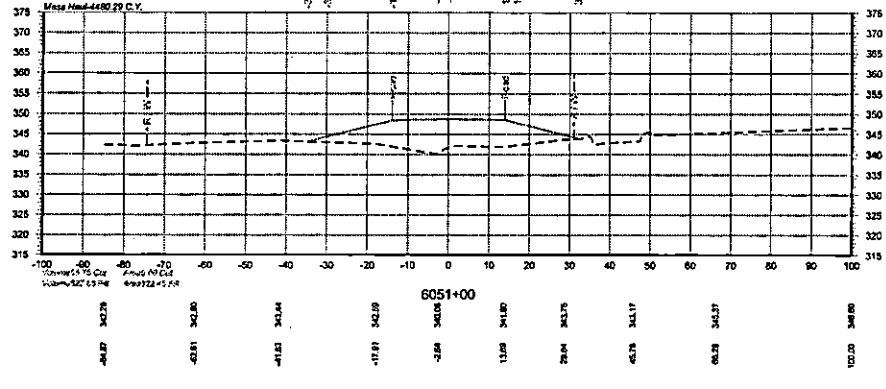
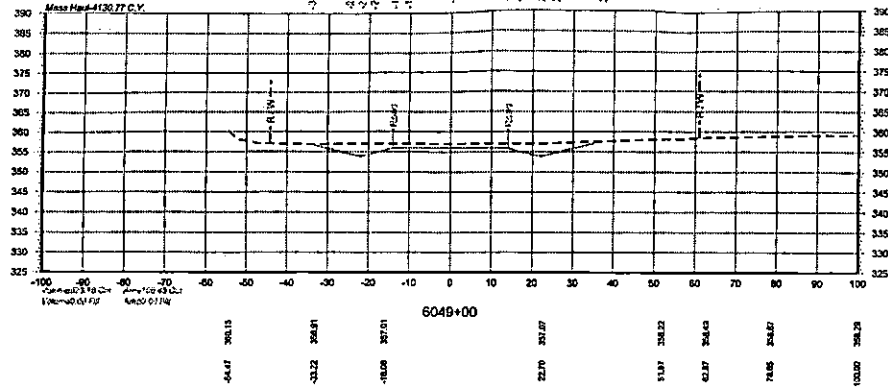


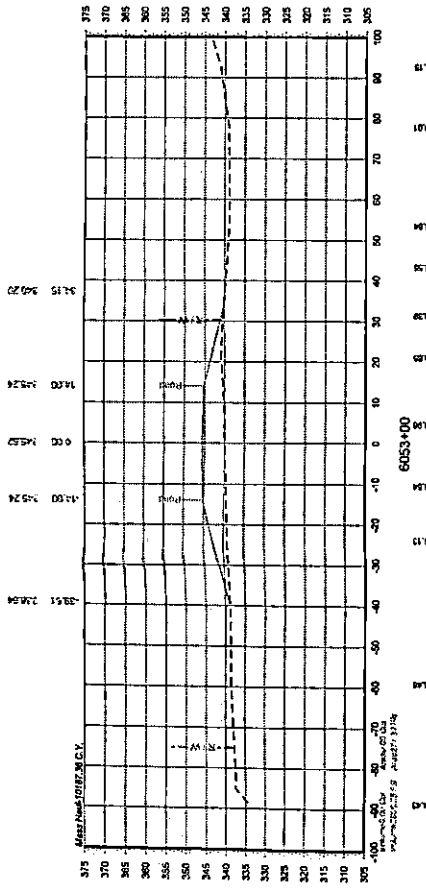
**DAVID EVANS
 AND ASSOCIATES INC.**
 1645 Oroona Prairie Road, Suite 104
 Colago Station, TX 77845
 Phone: 979.977.5600



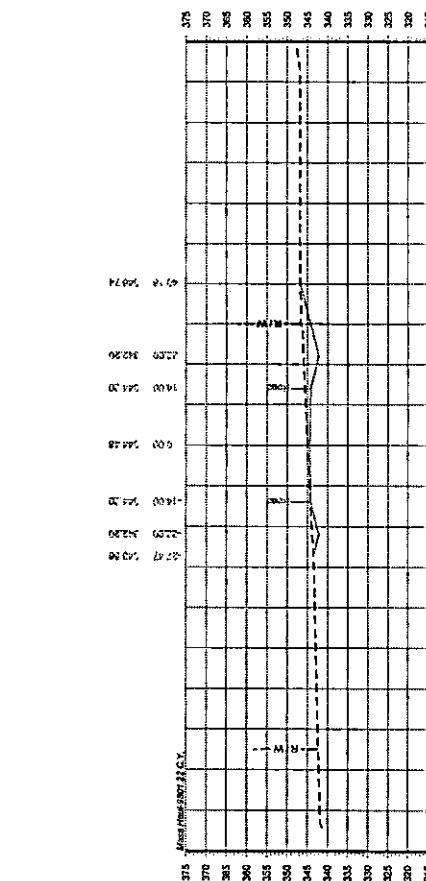
DRAWN BY:
 IES
 CHECKED BY:
 NPG
 DATE:
 8/27/2021
 SHEET NUMBER:
 X011 of X034

**UNION PACIFIC
 RAILROAD**
 LOCATION & DESCRIPTION: BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE:
 CROSS SECTIONS STA. 6048+00 TO STA. 6051+00

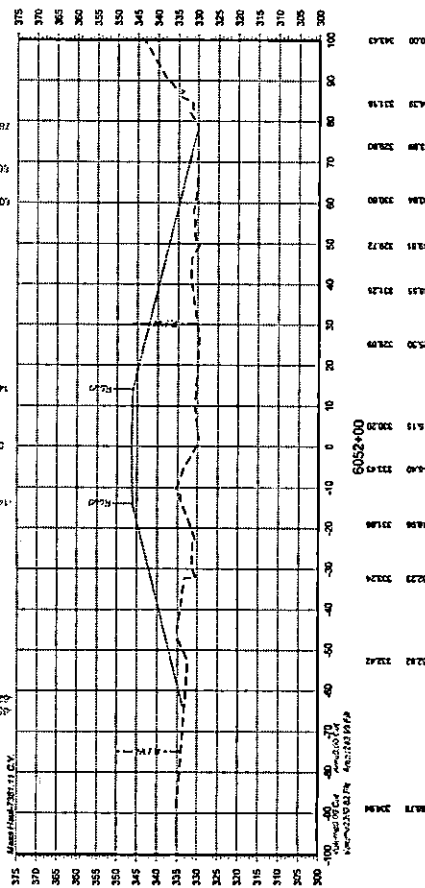




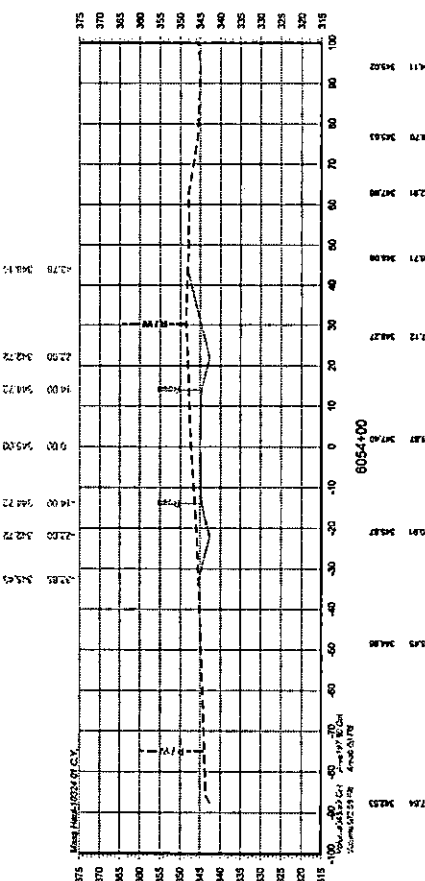
Station	Elevation
6053+00	310.00
6053+05	310.50
6053+10	311.00
6053+15	311.50
6053+20	312.00
6053+25	312.50
6053+30	313.00
6053+35	313.50
6053+40	314.00
6053+45	314.50
6053+50	315.00
6053+55	315.50
6053+60	316.00
6053+65	316.50
6053+70	317.00
6053+75	317.50
6053+80	318.00
6053+85	318.50
6053+90	319.00
6053+95	319.50
6054+00	320.00



Station	Elevation
6054+00	310.00
6054+05	310.50
6054+10	311.00
6054+15	311.50
6054+20	312.00
6054+25	312.50
6054+30	313.00
6054+35	313.50
6054+40	314.00
6054+45	314.50
6054+50	315.00
6054+55	315.50
6054+60	316.00
6054+65	316.50
6054+70	317.00
6054+75	317.50
6054+80	318.00
6054+85	318.50
6054+90	319.00
6054+95	319.50
6055+00	320.00



Station	Elevation
6052+00	310.00
6052+05	310.50
6052+10	311.00
6052+15	311.50
6052+20	312.00
6052+25	312.50
6052+30	313.00
6052+35	313.50
6052+40	314.00
6052+45	314.50
6052+50	315.00
6052+55	315.50
6052+60	316.00
6052+65	316.50
6052+70	317.00
6052+75	317.50
6052+80	318.00
6052+85	318.50
6052+90	319.00
6052+95	319.50
6053+00	320.00



Station	Elevation
6053+00	310.00
6053+05	310.50
6053+10	311.00
6053+15	311.50
6053+20	312.00
6053+25	312.50
6053+30	313.00
6053+35	313.50
6053+40	314.00
6053+45	314.50
6053+50	315.00
6053+55	315.50
6053+60	316.00
6053+65	316.50
6053+70	317.00
6053+75	317.50
6053+80	318.00
6053+85	318.50
6053+90	319.00
6053+95	319.50
6054+00	320.00

UNION PACIFIC RAILROAD
 PROJECT NO. 113.76-116.74
 LOCATION & DESCRIPTION: MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET NUMBER: X012 of X034
 SHEET TITLE: CROSS SECTIONS STA. 6052+00 TO STA. 6055+00



DAVID EVANS AND ASSOCIATES INC.
 1645 Greene Prairie Road, Suite 804
 College Station, TX 77845
 Phone: 979/977-5600



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE TEXAS FREEDOM OF INFORMATION ACT ON 08/27/2024. IT IS NOT TO BE USED FOR PERMIT BIDDING, OR CONSTRUCTION PURPOSES. TEXAS REGISTERED ENGINEERING FIRM F-5543

90% DESIGN
NOT FOR CONSTRUCTION
East Road

Color: 10/21/2021 8:27:20 AM C:\Users\jenkins\AppData\Local\Temp\UPRR_VB_Pentable_5066640.tbl
 P:\MISC\2021\CONSTRUCTION\UPRR_VB_Pentable_5066640.tbl
 8/27/2021 8:27:20

**90% DESIGN
NOT FOR CONSTRUCTION**

East Road

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI L. TURNER, P.E. 117553 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543

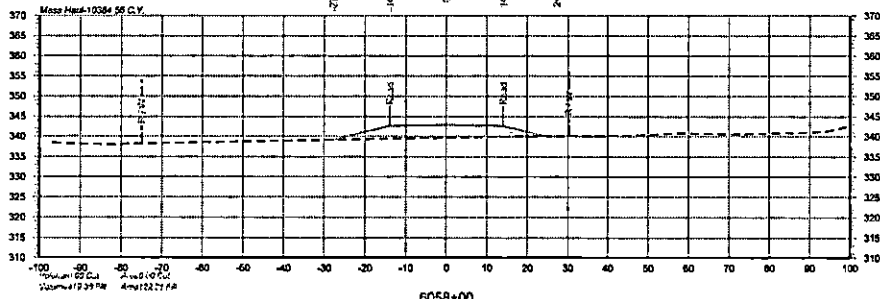
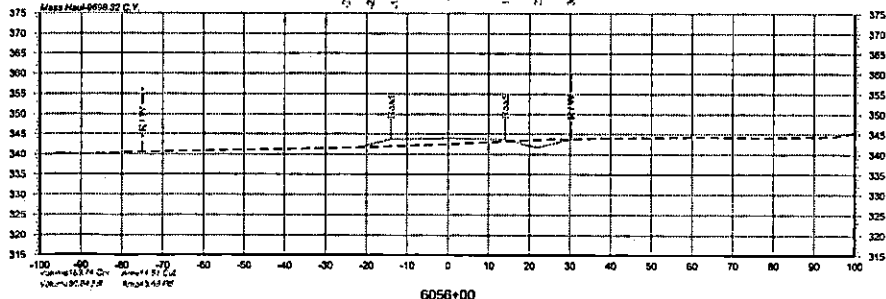
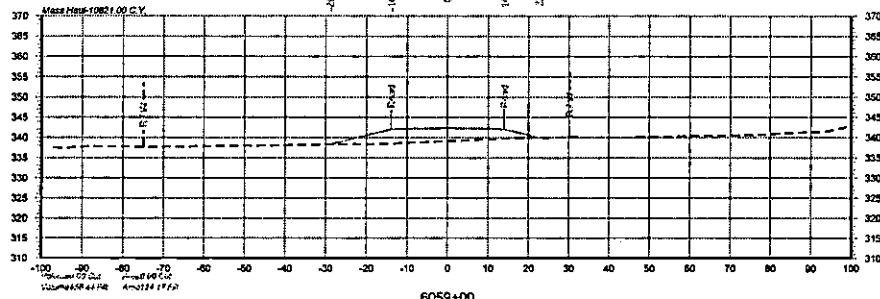
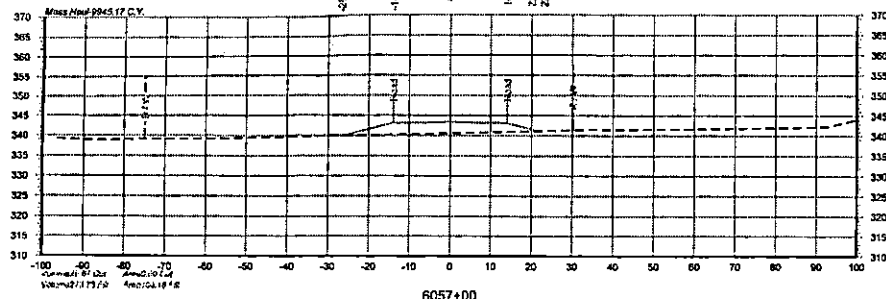


DAVID EVANS AND ASSOCIATES INC.
 1645 Greeng Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979.977.5600



DRAWN BY: IES
 CHECKED BY: NPG
 DATE: 8/27/2021
 SHEET NUMBER: X013 of X034

UNION PACIFIC RAILROAD
 LOCATION & DESCRIPTION: BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE: CROSS SECTIONS STA. 6056+00 TO STA. 6059+00



90% DESIGN NOT FOR CONSTRUCTION

East Road

THIS DOCUMENT IS RELEASED FOR THE
 PURPOSE OF OWNER REVIEW UNDER THE
 AUTHORITY OF LEVI J. TURNER, P.E. 117563
 REGISTERED PROFESSIONAL ENGINEER FOR
 PERMIT BIDDING, OR CONSTRUCTION
 TEXAS REGISTERED ENGINEERING FIRM F-5543

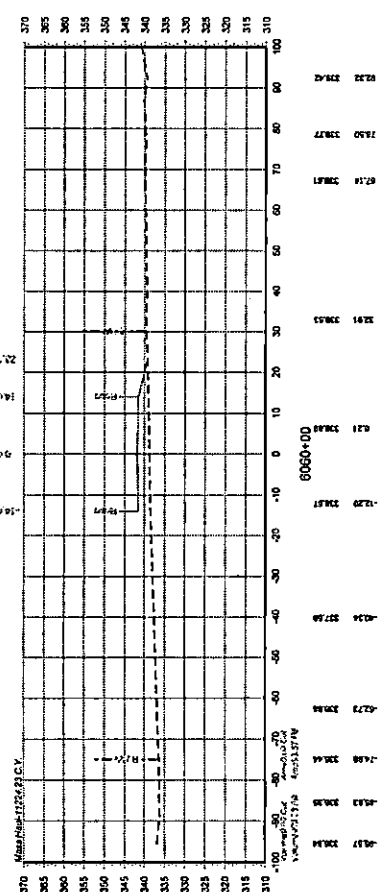
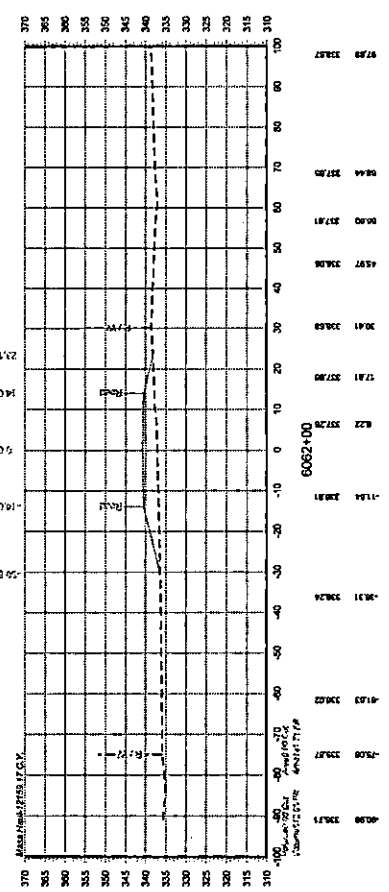
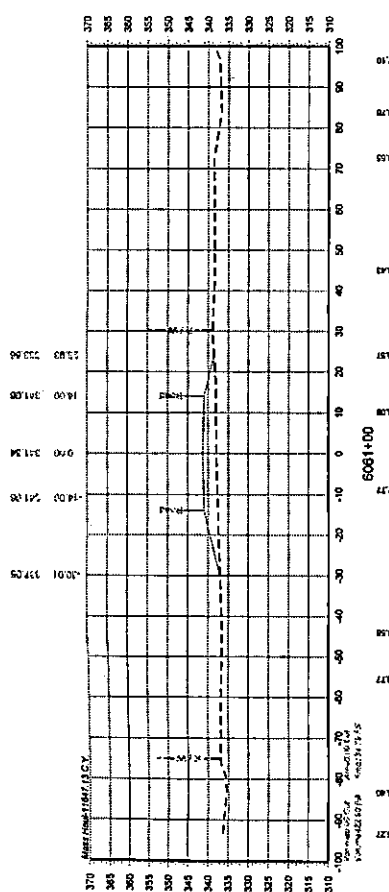
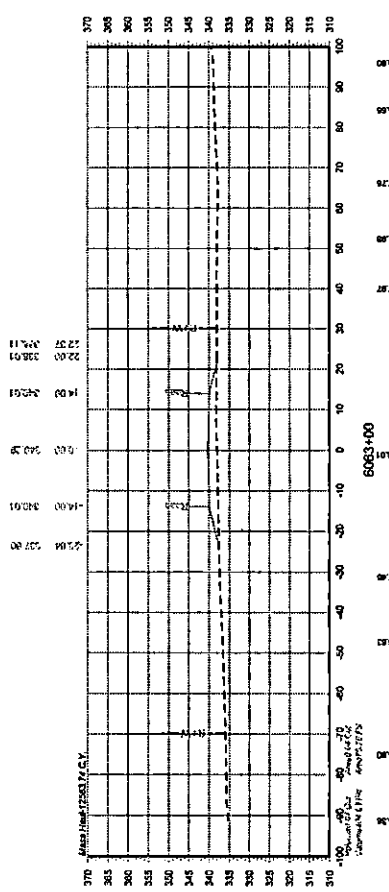


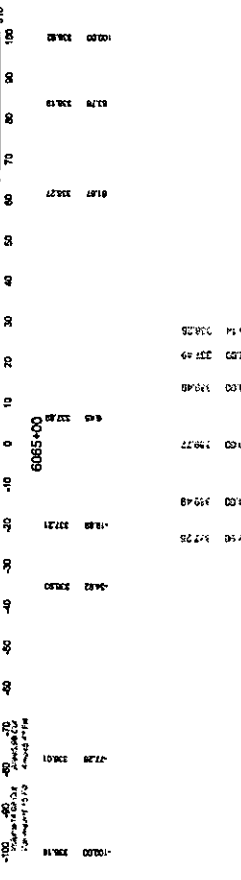
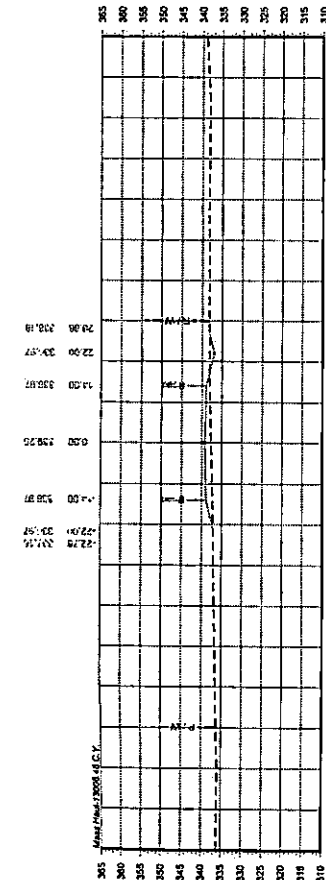
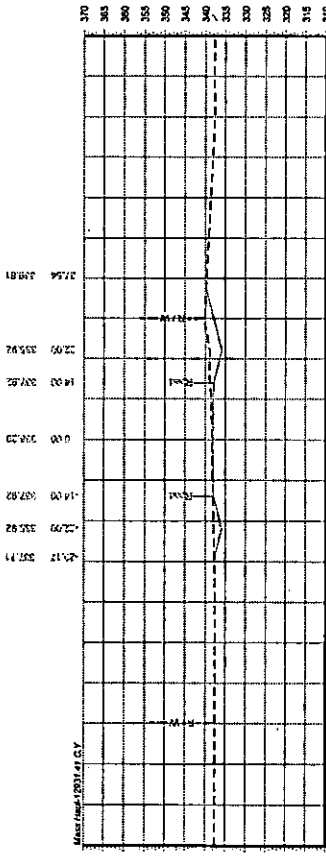
**DAVID EVANS
 AND ASSOCIATES, INC.**
 1845 Green Prairie Road, Suite D4
 College Station, TX 77845
 Phone: 879/775600



**UNION PACIFIC
 RAILROAD**
 DRAWN BY: JES
 CHECKED BY: NFG
 DATE: 8/27/2021
 X01441 X024

BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE: CROSS SECTIONS STA. 6060+00 TO STA. 6063+00





UNION PACIFIC RAILROAD
 LOCATION DESCRIPTION: BIG SANDY TX
 PROJECT NUMBER: 81272021
 SHEET NUMBER: 1016 OF 1004
 DATE: 8/27/2021
 SHEET TITLE: CONSTRUCT EAST ROAD ALIGNMENT
 CROSS SECTIONS STA. 6064+00 TO STA. 6067+00



DAVID EVANS AND ASSOCIATES INC.
 1645 Owens Prairie Road, Suite 04
 College Station, TX 77845
 Phone: 879-877-5500



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEV J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5653

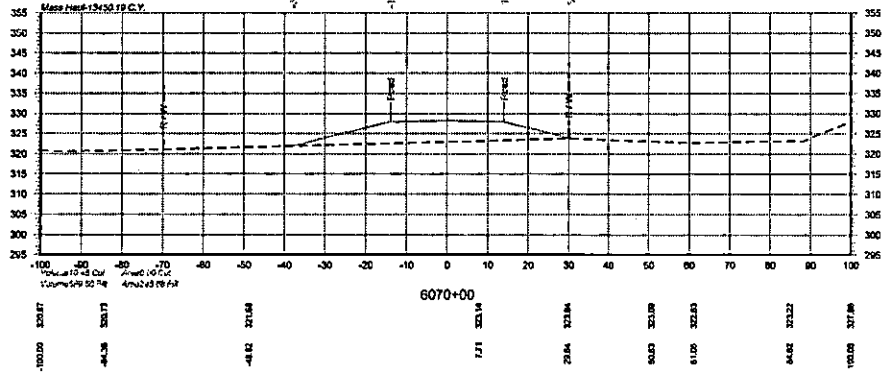
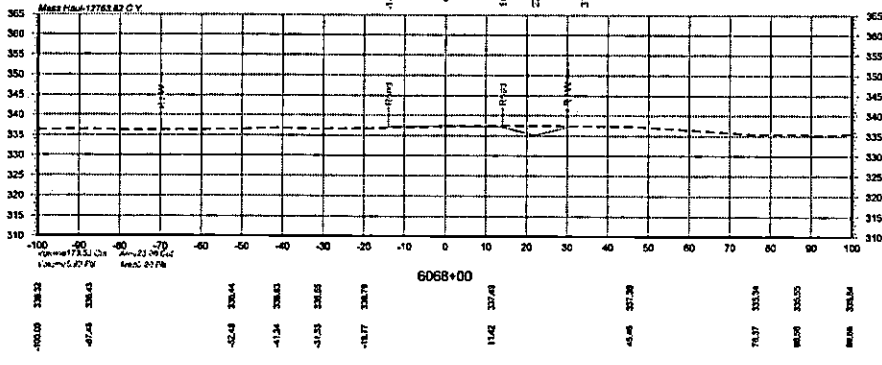
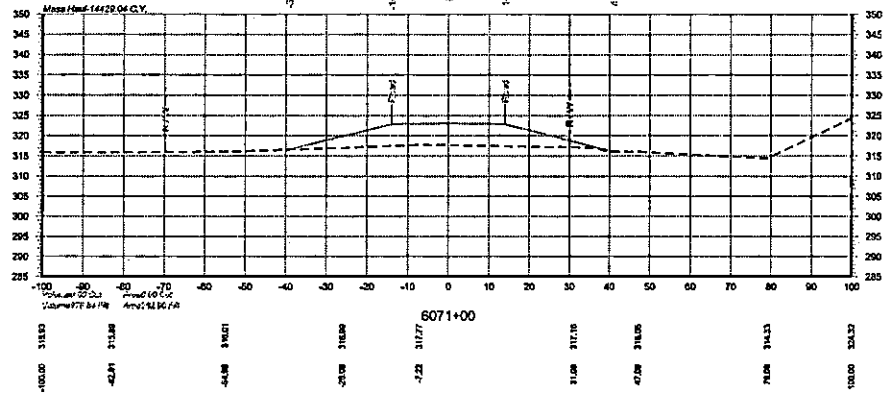
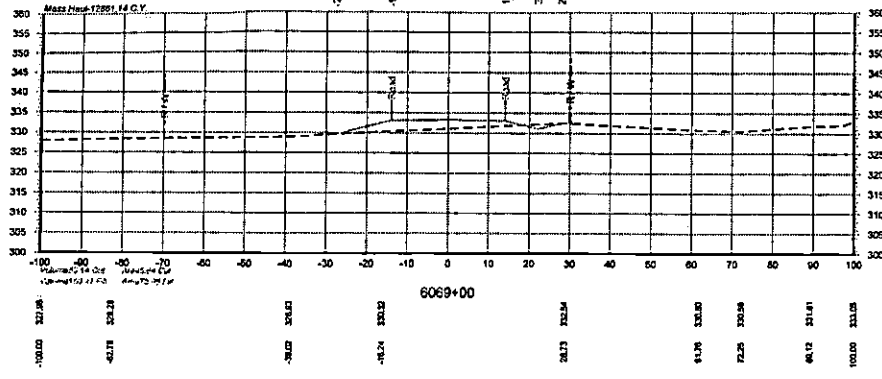
90% DESIGN NOT FOR CONSTRUCTION

East Road

Color Tables: C:\Users\jturner\Documents\Projects\UPRR\Tables\Pen\UPRR_90%_Permissible_500640.tbl
 Path: C:\Users\jturner\Documents\Projects\UPRR_90%_Permissible_500640.tbl
 8/27/2021 8:27:20Z

90% DESIGN
NOT FOR CONSTRUCTION

East Road



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117583 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543



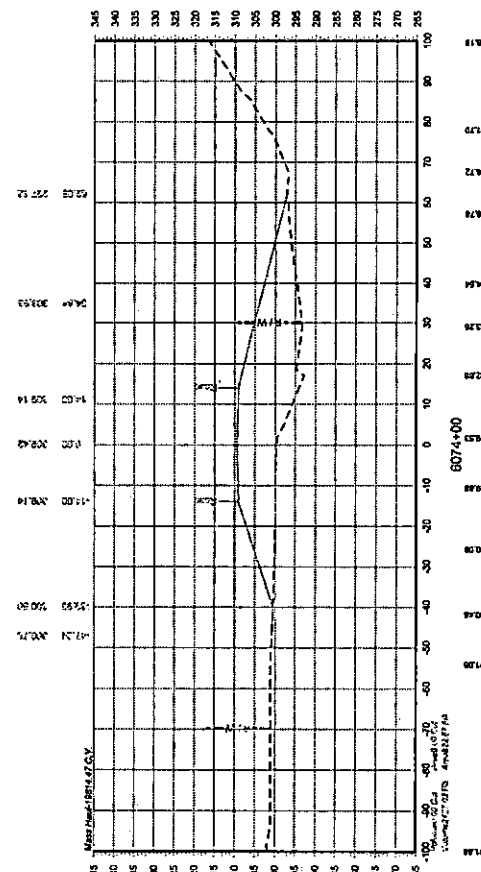
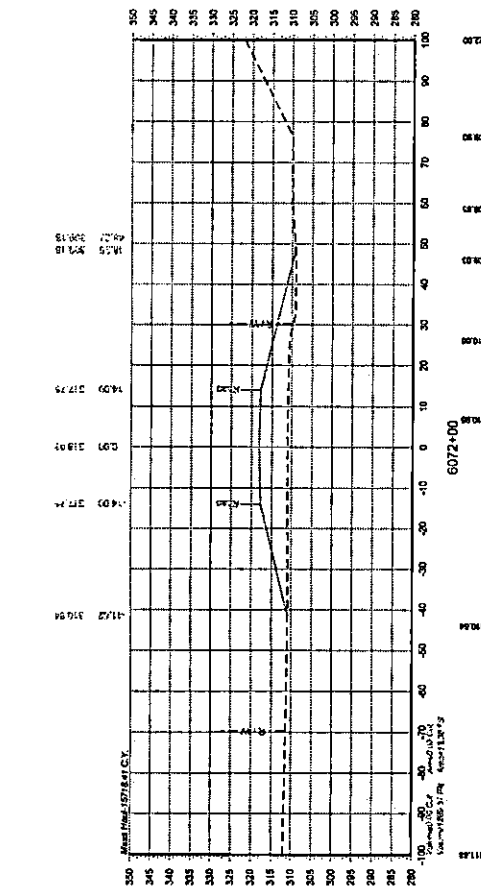
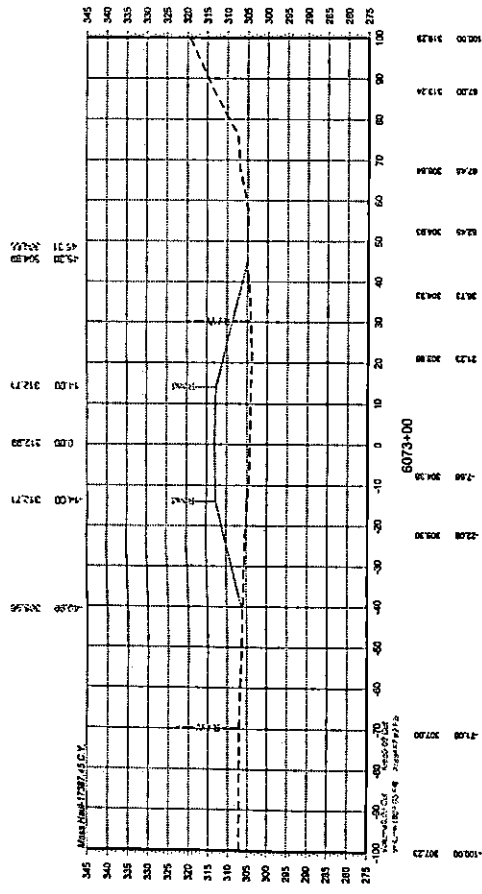
DAVID EVANS AND ASSOCIATES INC.
1645 Greens Prairie Road, Suite 104
College Station, TX 77845
Phone: 979-777-5600



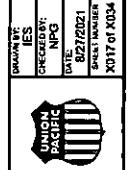
DRAWN BY: IES
CHECKED BY: NPG
DATE: 8/27/2021
SHEET NUMBER: X016 of X034

UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.76 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT
SHEET TITLE: CROSS SECTIONS STA.6068+00 TO STA.6071+00



DRAWN BY: **UNION PACIFIC RAILROAD**
 CHECKED BY: **UNION PACIFIC RAILROAD**
 DATE: **8/27/2021**
 SHEET NUMBER: **X017 OF X034**



DAVID EVANS AND ASSOCIATES INC.
 845 Orchard Park Road, Suite 804
 Colport Station, TX 77845
 Phone 870-977-5600



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION WITHOUT THE SIGNATURE OF LEVI J. TURNER, P.E. TEXAS REGISTERED ENGINEERING FIRM F-5543

90% DESIGN
NOT FOR CONSTRUCTION
East Road

CROSS SECTIONS STA. 6072+00 TO STA. 6074+00

Color: tablet
 IN: BENTLEY/Configurator8/Workspaces/Civil/MapX/JPRR1/Tables/Prop/UPRR.VB...Pantable_505R40.tbl
 8/27/2021 8:27:20Z

90% DESIGN
 NOT FOR CONSTRUCTION

East Road

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117553 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

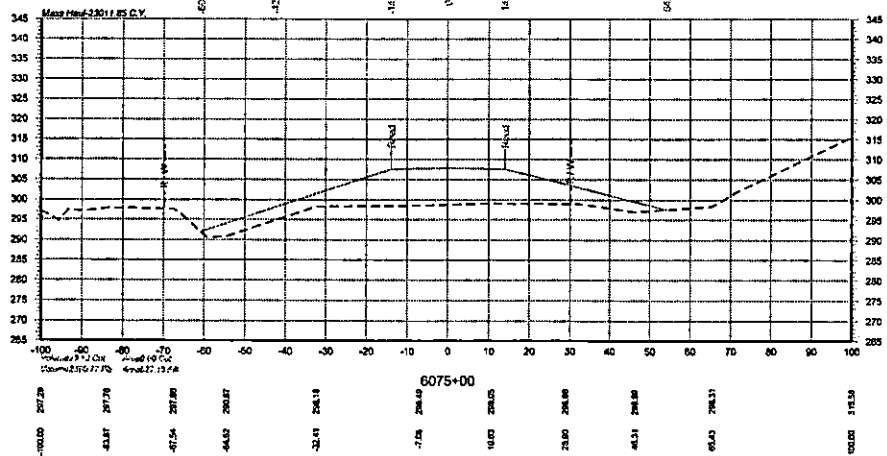
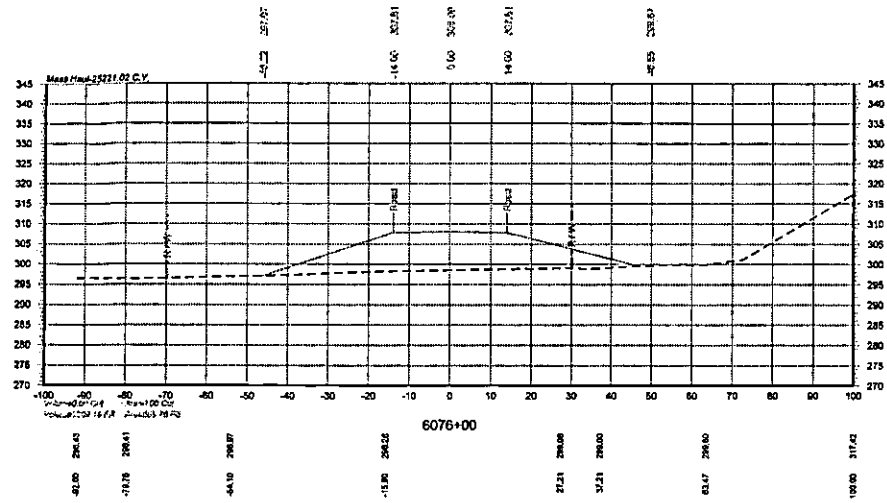
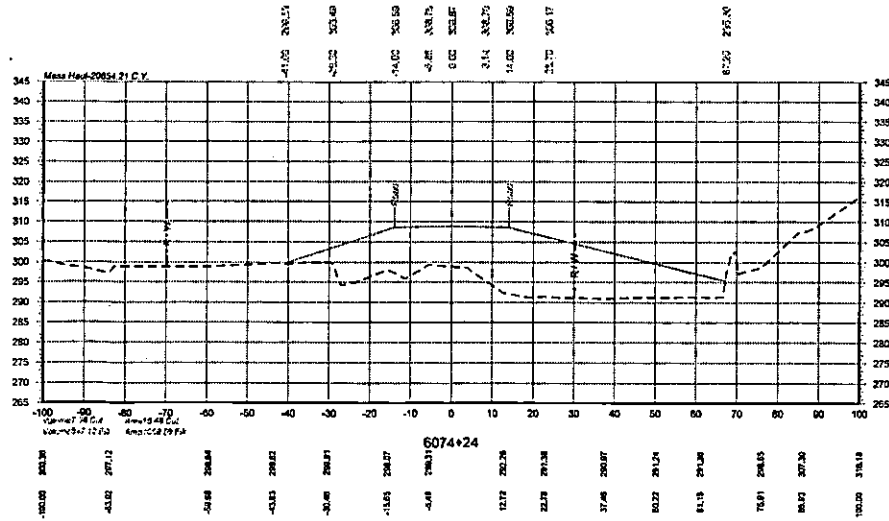


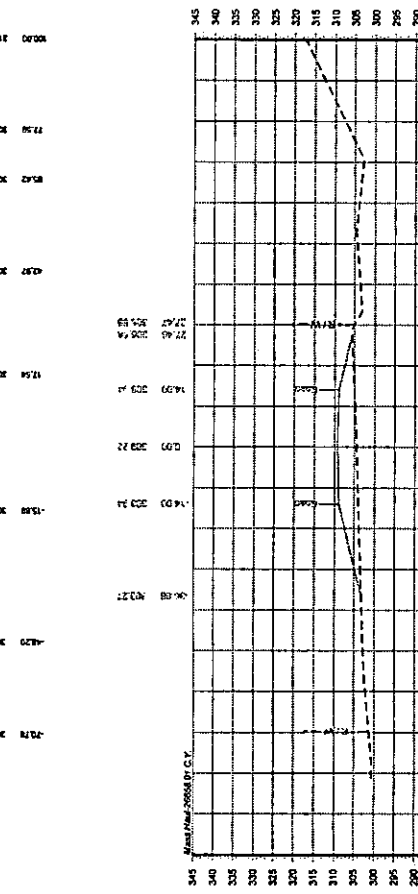
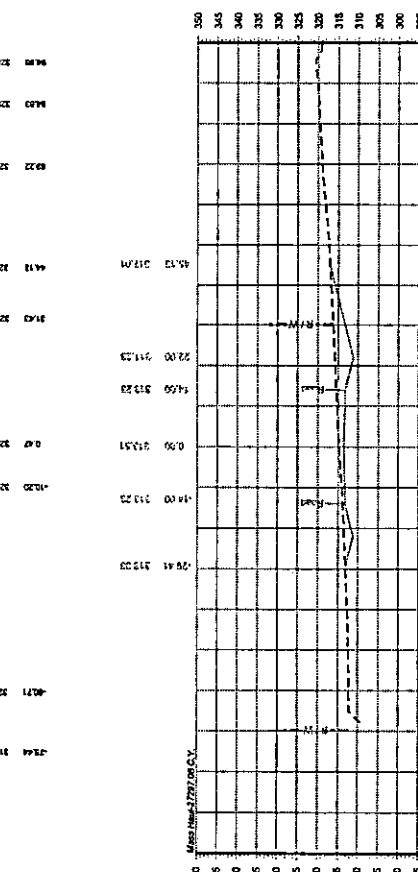
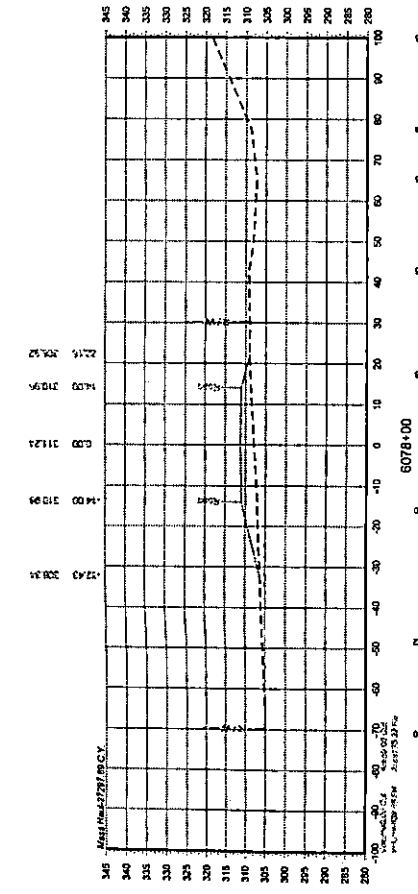
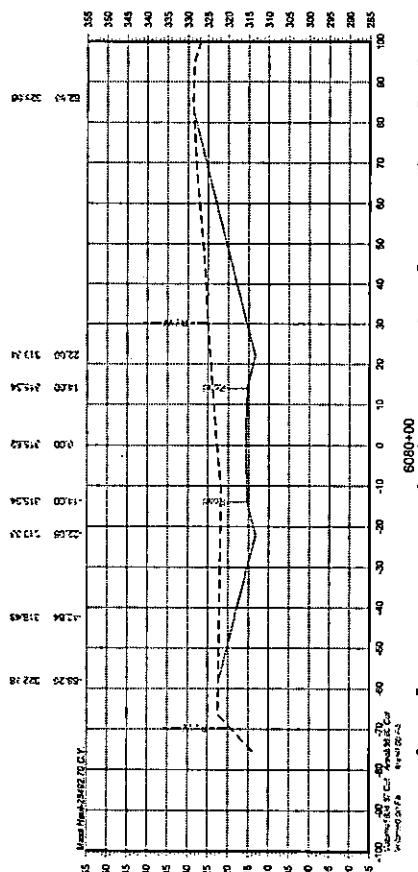
DAVID EVANS AND ASSOCIATES INC.
 1645 Greens Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979.977.5600



DRAWN BY: IES
 CHECKED BY: NPG
 DATE: 8/27/2021
 SHEET NUMBER: X018 of X034

UNION PACIFIC RAILROAD
 LOCATION & DESCRIPTION: BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE: CROSS SECTIONS STA.6074+24 TO STA.6076+00





DRAWN BY: **UNION PACIFIC RAILROAD**
 PROJECT NO: **MPG**
 DATE: **8/27/2021**
 SHEET NUMBER: **X019 of X024**



DAVID EVANS AND ASSOCIATES INC.
 345 Green Plains Road, Suite 104
 College Station, TX 77845
 Phone: 878.977.5600

THIS DOCUMENT IS RELEASED FOR THE
 PURPOSE OF OWNER REVIEW UNDER THE
 AUTHORITY OF LEVI J. TURNER, P.E. 117563
 ON 8/27/2021. IT IS NOT TO BE USED FOR
 BIDDING, OR CONSTRUCTION
 PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

90% DESIGN
NOT FOR CONSTRUCTION
East Road

CROSS SECTIONS STA. 6077+00 TO STA. 6080+00

Color Labels: 9/21/2021 8:27:02
 P:\MINEOLA\00000000\00000000\CADD\NRR\04610400\NRR\04610400\04610400.dwg
 8/27/2021 8:27:02

**90% DESIGN
NOT FOR CONSTRUCTION**

East Road

THIS DOCUMENT IS RELEASED FOR THE
PURPOSE OF OWNER REVIEW UNDER THE
AUTHORITY OF LEVI J. TURNER, P.E. 117583
ON 8/27/2021. IT IS NOT TO BE USED FOR
PERMIT, BIDDING, OR CONSTRUCTION
PURPOSES.
TEXAS REGISTERED ENGINEERING FIRM F-5543

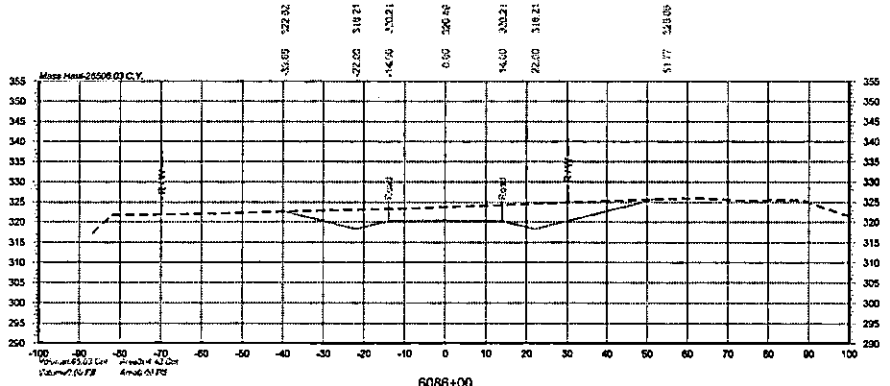
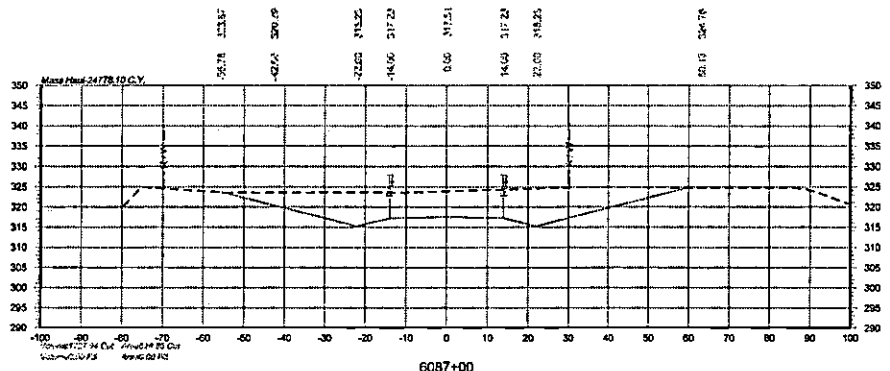
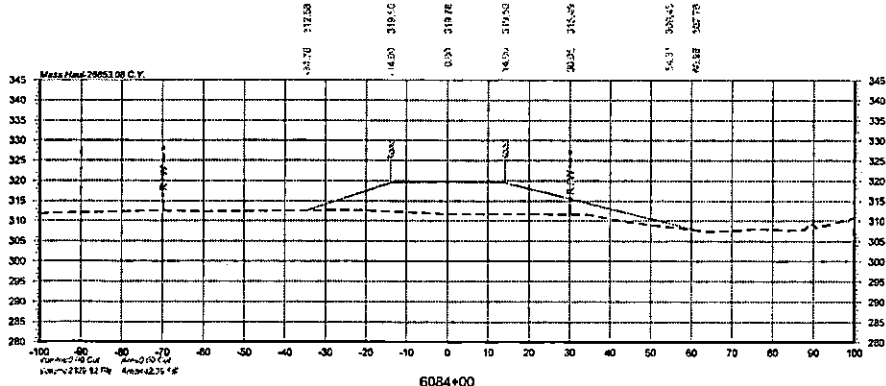
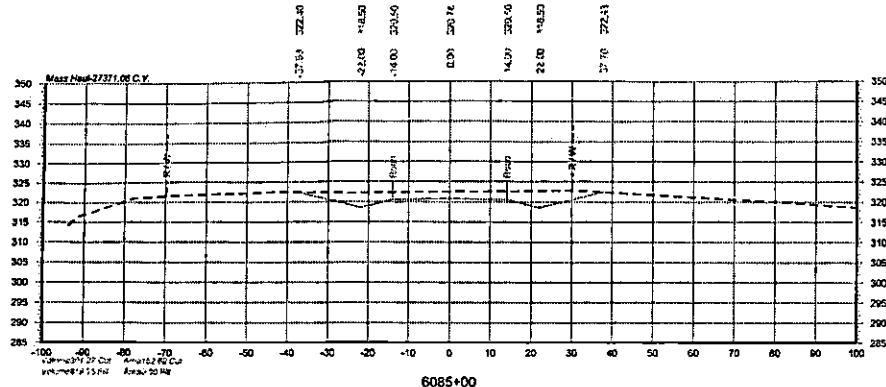


**DAVID EVANS
AND ASSOCIATES INC.**
1645 Greene Prairie Road, Suite 104
College Station, TX 77845
Phone: 979.877.5600



DRAWN BY:
IES
CHECKED BY:
NPG
DATE:
8/27/2021
SHEET NUMBER:
X021 of X034

**UNION PACIFIC
RAILROAD**
LOCATION & DESCRIPTION: BIG SANDY, TX
MINEOLA SUBDIVISION MP 113.76 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT
SHEET TITLE:
CROSS SECTIONS STA. 6084+00 TO STA. 6087+00



Color Tables: C:\Users\jturner\OneDrive\Documents\11778\11778.dwg (11/15/2021) 8:27:20 AM
 Color Tables: C:\Users\jturner\OneDrive\Documents\11778\11778.dwg (11/15/2021) 8:27:20 AM
 Color Tables: C:\Users\jturner\OneDrive\Documents\11778\11778.dwg (11/15/2021) 8:27:20 AM

90% DESIGN
 NOT FOR CONSTRUCTION

East Road

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 1177563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

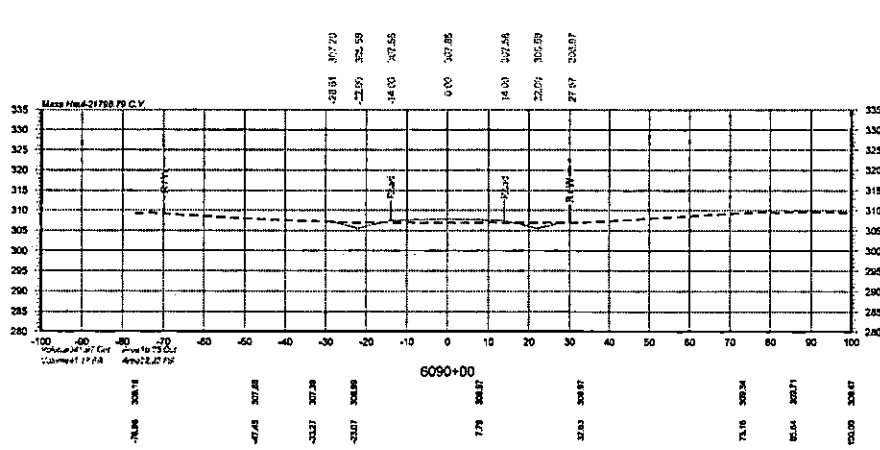
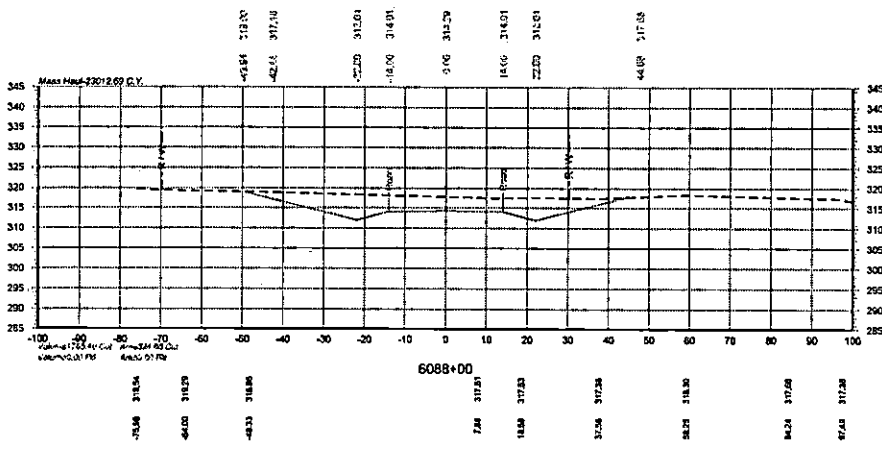
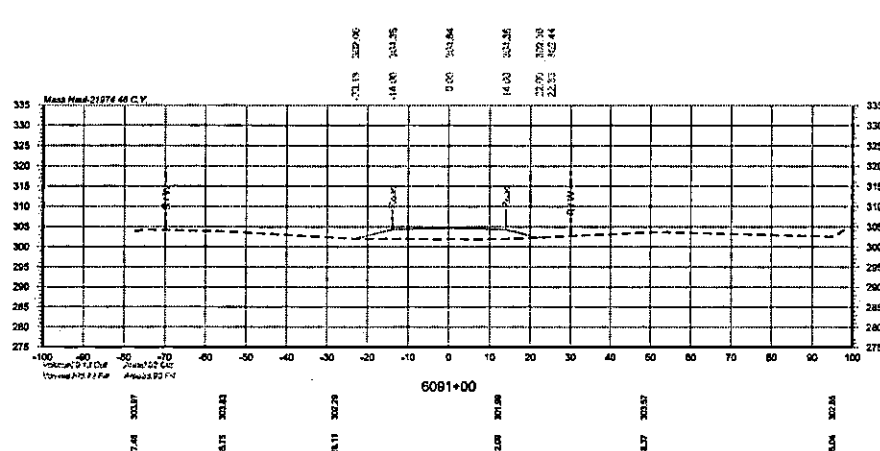
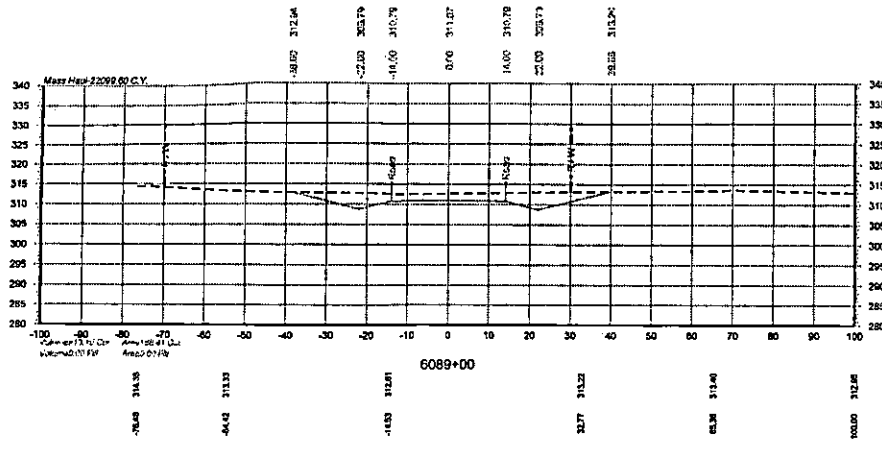


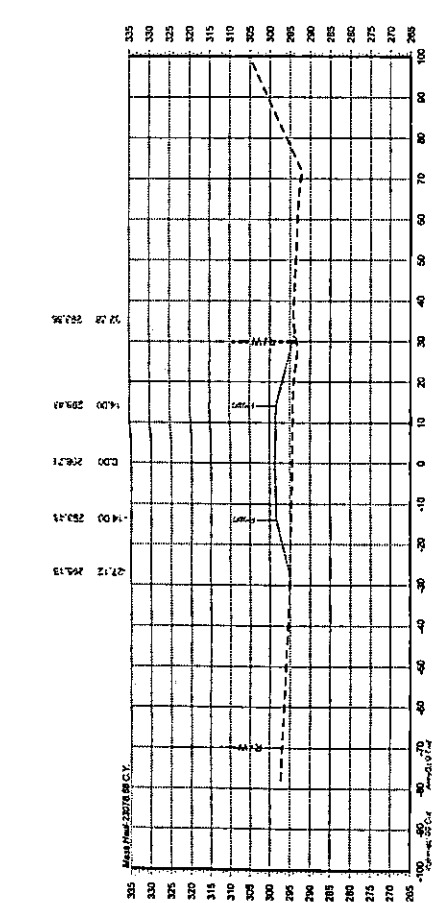
DAVID EVANS AND ASSOCIATES INC.
 1645 Croome Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979.877.5600



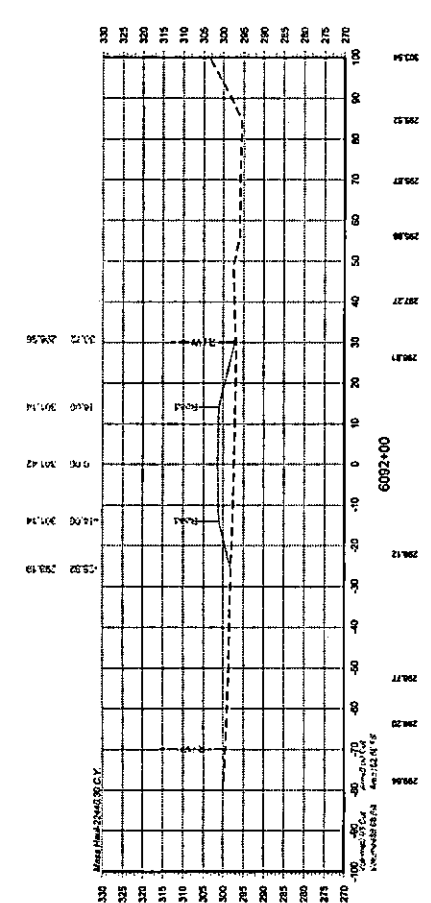
DRAWN BY: IES
 CHECKED BY: NPG
 DATE: 8/27/2021
 SHEET NUMBER: X022 of X034

UNION PACIFIC RAILROAD
 LOCATION & DESCRIPTION: BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE: CROSS SECTIONS STA.6088+00 TO STA.6091+00

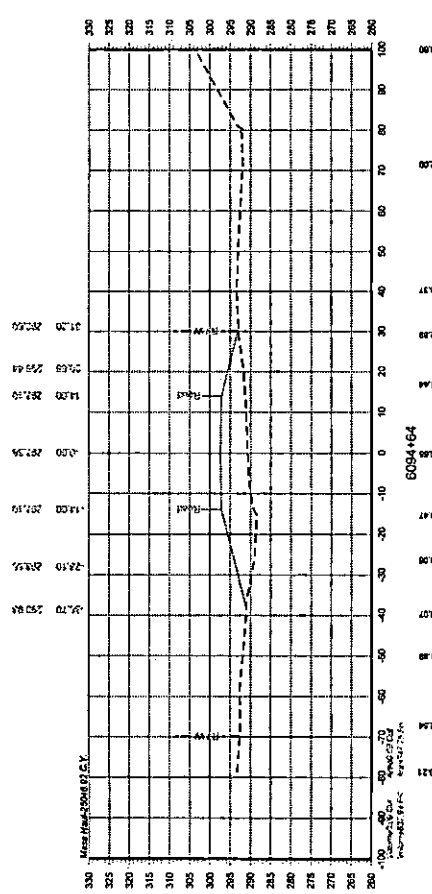




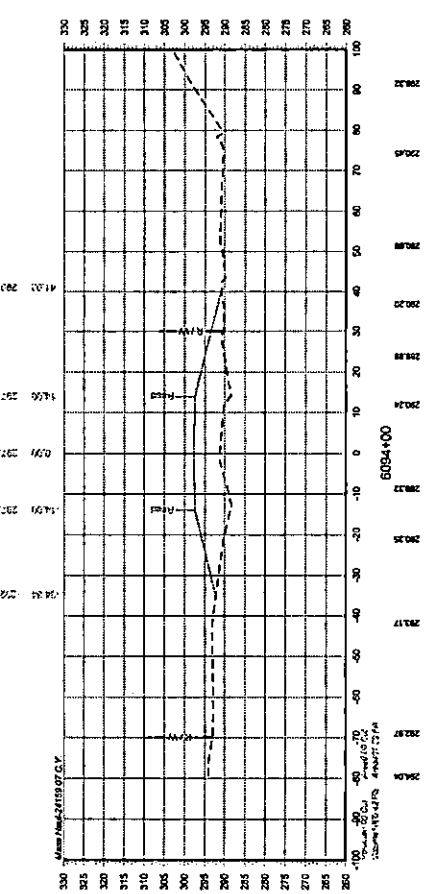
Mass Haul: 2307.68 C.Y.
 100' ±
 50' ±
 0' ±
 -50' ±
 -100' ±
 100.00 303.14
 84.55 298.04
 63.08 292.22
 28.01 293.18
 17.88 294.21
 -4.87 294.41
 -33.33 294.28
 -42.88 294.11
 -18.08 292.28
 6093+00
 1"=40' HORIZ SCALE
 1"=4' VERT SCALE
 DATE: 8/27/2021



Mass Haul: 2248.90 C.Y.
 100' ±
 50' ±
 0' ±
 -50' ±
 -100' ±
 100.00 303.14
 84.90 295.92
 62.56 295.77
 28.04 295.88
 16.19 297.27
 26.19 296.37
 -16.00 293.14
 -33.33 294.19
 -42.88 294.11
 -18.08 292.28
 6092+00
 1"=40' HORIZ SCALE
 1"=4' VERT SCALE
 DATE: 8/27/2021

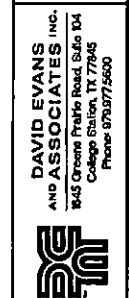


Mass Haul: 2304.87 C.Y.
 100' ±
 50' ±
 0' ±
 -50' ±
 -100' ±
 100.00 303.00
 71.44 292.00
 40.22 293.17
 28.00 292.89
 16.53 291.64
 -14.00 291.19
 -25.19 293.55
 -35.70 292.84
 -44.13 291.88
 -47.22 292.54
 -18.08 292.21
 6094+64
 1"=40' HORIZ SCALE
 1"=4' VERT SCALE
 DATE: 8/27/2021



Mass Haul: 2119.07 C.Y.
 100' ±
 50' ±
 0' ±
 -50' ±
 -100' ±
 100.00 303.00
 71.44 292.00
 41.00 293.17
 28.00 292.89
 14.06 297.42
 -14.00 291.70
 -25.19 293.55
 -35.70 292.84
 -44.13 291.88
 -47.22 292.54
 -18.08 292.21
 6094+00
 1"=40' HORIZ SCALE
 1"=4' VERT SCALE
 DATE: 8/27/2021

THIS DOCUMENT IS RELEASED FOR THE
 PURPOSE OF OWNER REVIEW UNDER THE
 AUTHORITY OF LEVI J. TURNER, P.E. 117563
 08/27/2021. IT IS NOT TO BE USED FOR
 PERMITTING, BIDDING, OR CONSTRUCTION
 PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-55433



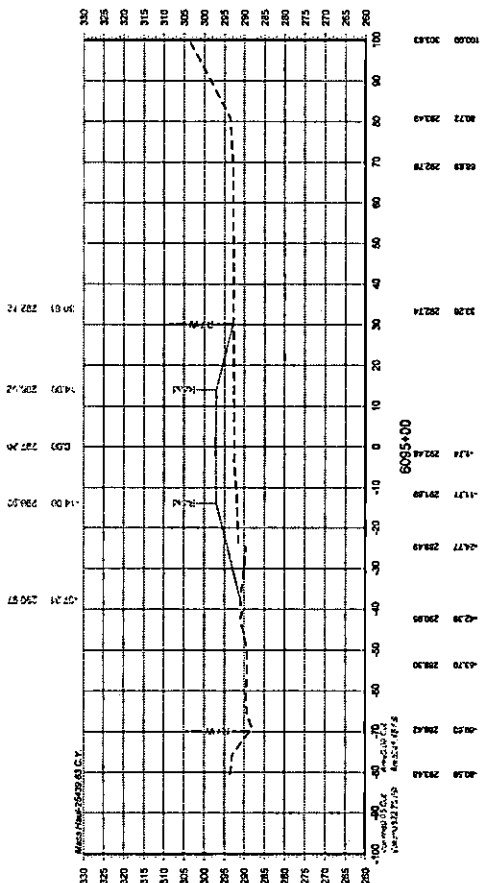
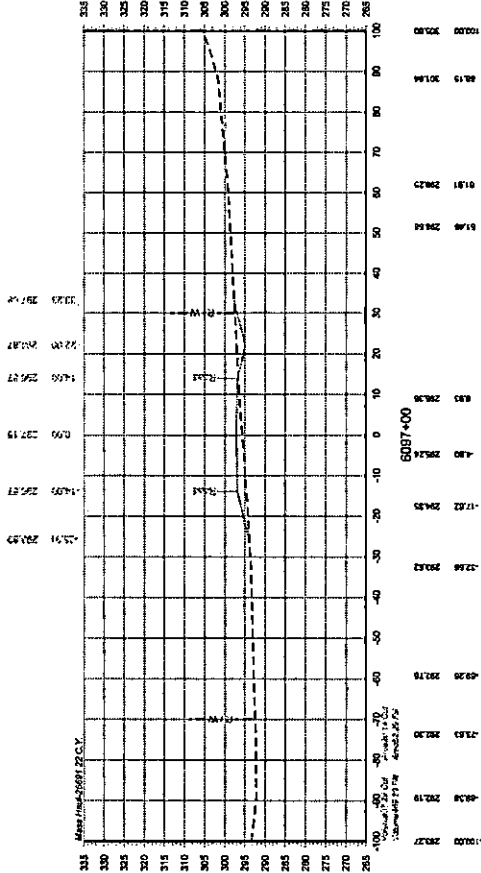
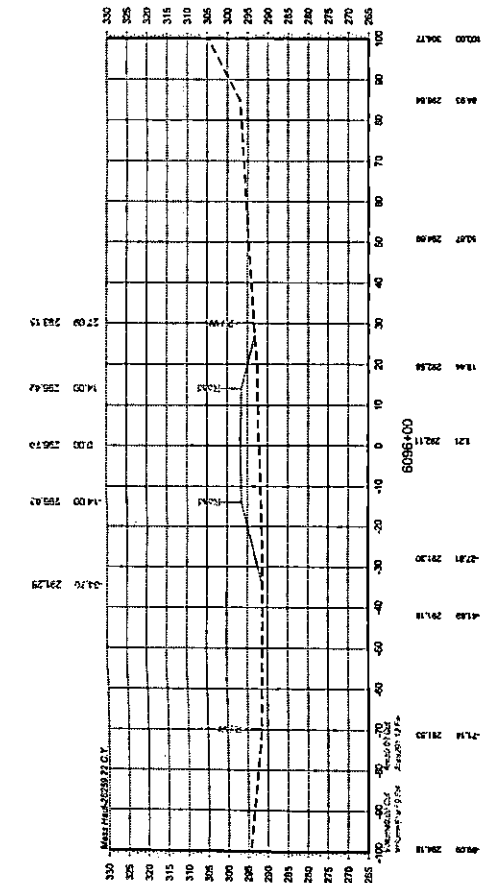
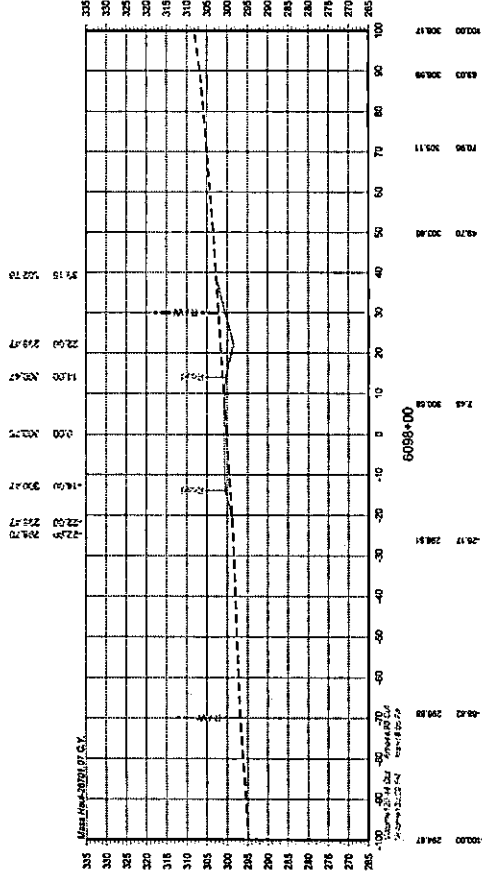
**DAVID EVANS
 AND ASSOCIATES INC.**
 1645 Greene Prairie Road, Suite 04
 College Station, TX 77945
 Phone: 679.677.5600

**UNION PACIFIC
 RAILROAD**
 LOCATION & DESCRIPTION
 BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE
 CROSS SECTIONS STA. 6092+00 TO STA. 6094+64

DRAWN BY: JES
 CHECKED BY: NFG
 DATE: 8/27/2021
 PROJECT NUMBER: X023 OF X024

**90% DESIGN
 NOT FOR CONSTRUCTION**

East Road




UNION PACIFIC RAILROAD
 LOCATION: BIG SANDY, TX
 PROJECT: MINEOLA SUBDIVISION MP 113.76 - 118.74
 SHEET TITLE: CONSTRUCT EAST ROAD ALIGNMENT
 SHEET NUMBER: X024 of X034
 CROSS SECTIONS STA. 6095+00 TO STA. 6098+00


DAVID EVANS AND ASSOCIATES, INC.
 1545 Greene Prairie Road, Suite 804
 College Station, TX 77945
 Phone: 870.977.5000

THIS DOCUMENT IS RELEASED FOR THE
 PROJECT FOR THE USE OF THE
 AUTHORITY OF LISA TURNER, P.E. 117383
 ON 02/27/2021. IT IS NOT TO BE USED FOR
 PERMIT, BIDDING, OR CONSTRUCTION
 PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

90% DESIGN
NOT FOR CONSTRUCTION
East Road

CROSS SECTIONS STA. 6099+00 TO STA. 6102+00
 PROJECT TITLE: MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 DATE: 02/27/2021
 DRAWN BY: JES
 CHECKED BY: NPG
 PROJECT NO.: 20210021
 SHEET NO.: 1025 OF 1024


UNION PACIFIC RAILROAD
 1000 NORTH GARDNER STREET
 OMAHA, NE 68102-4299

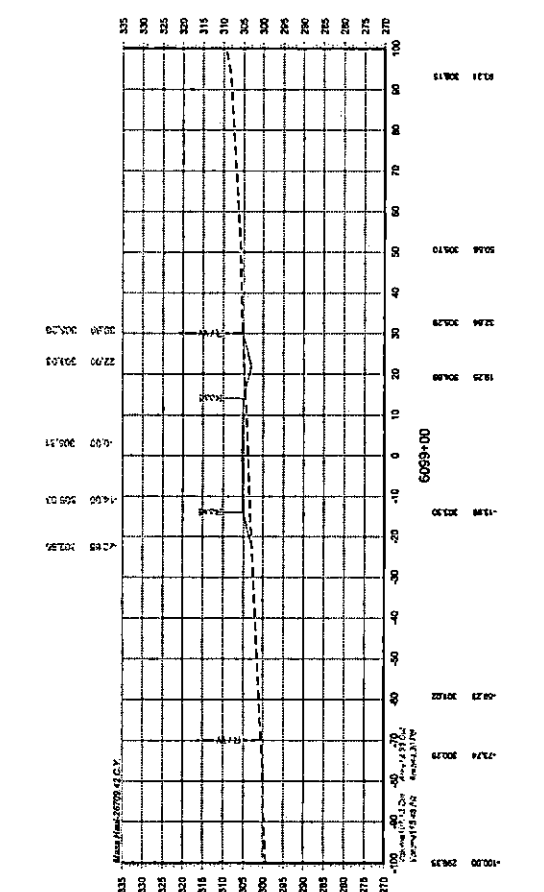
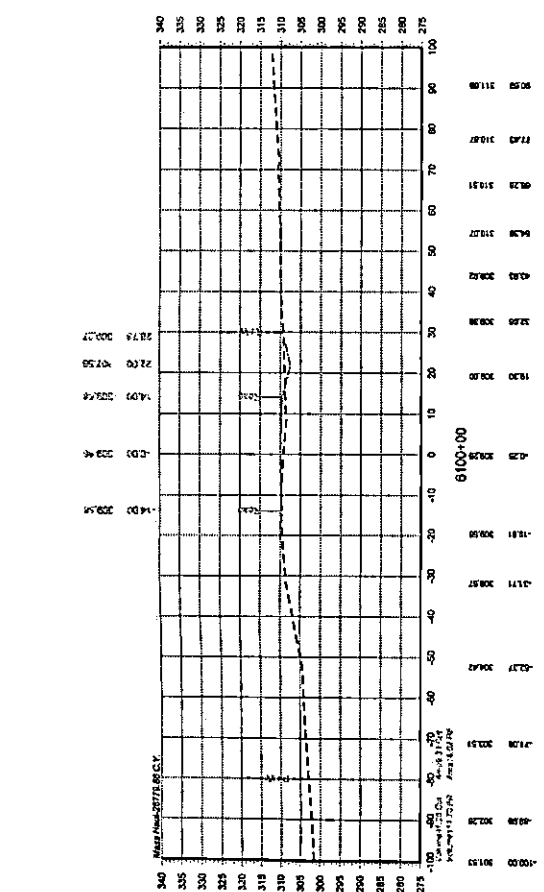
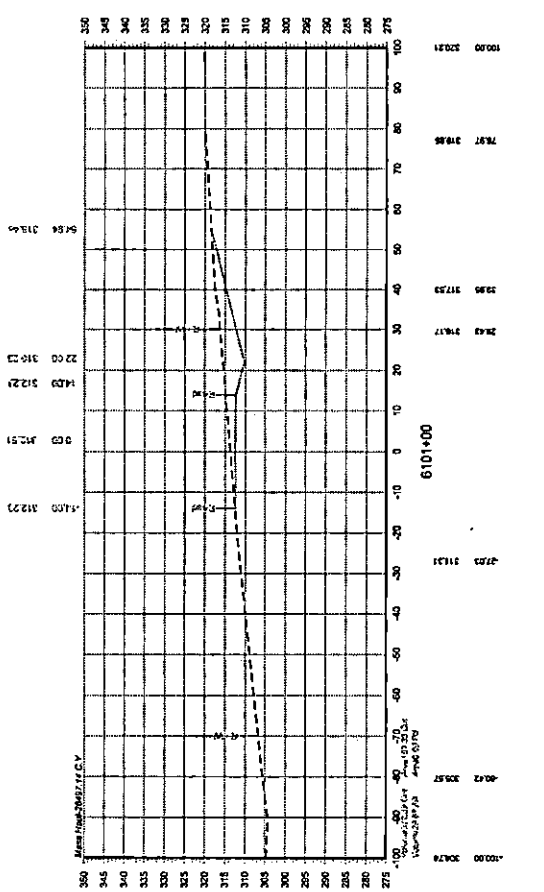
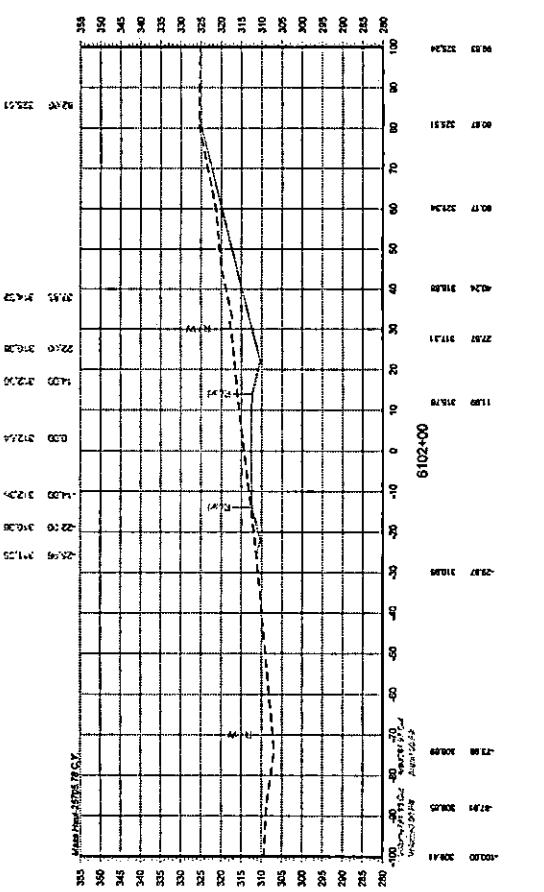

DAVID EVANS AND ASSOCIATES INC.
 3645 Green Prairie Road, Suite 04
 College Station, TX 77945
 Phone: 0719775600

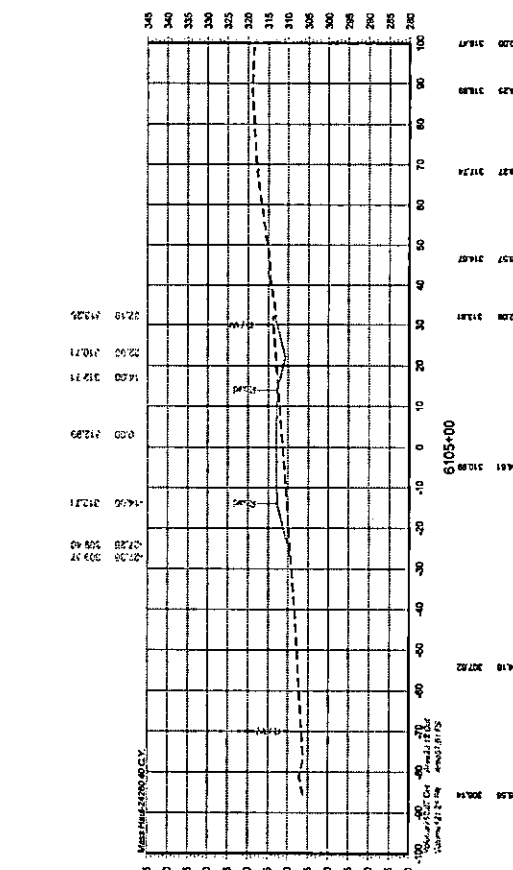
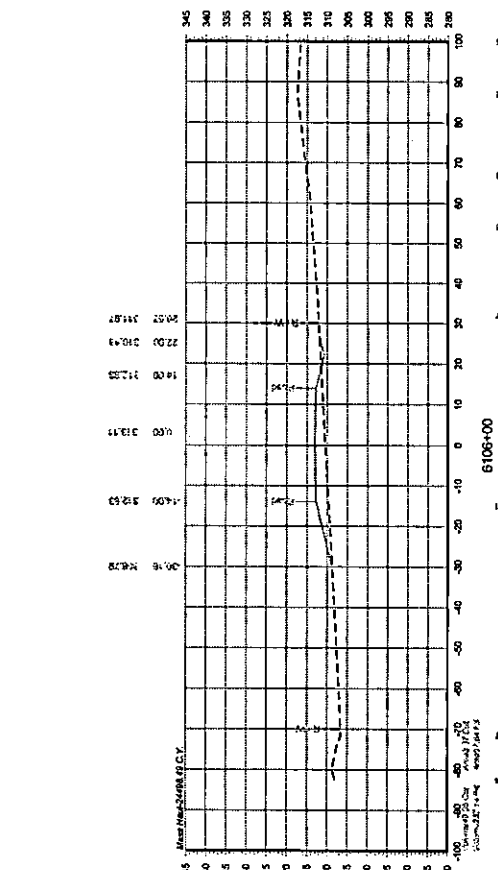
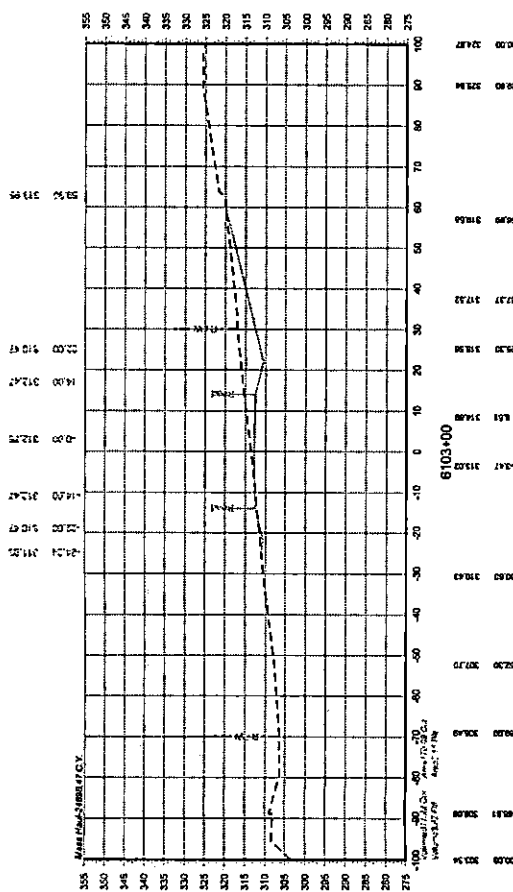
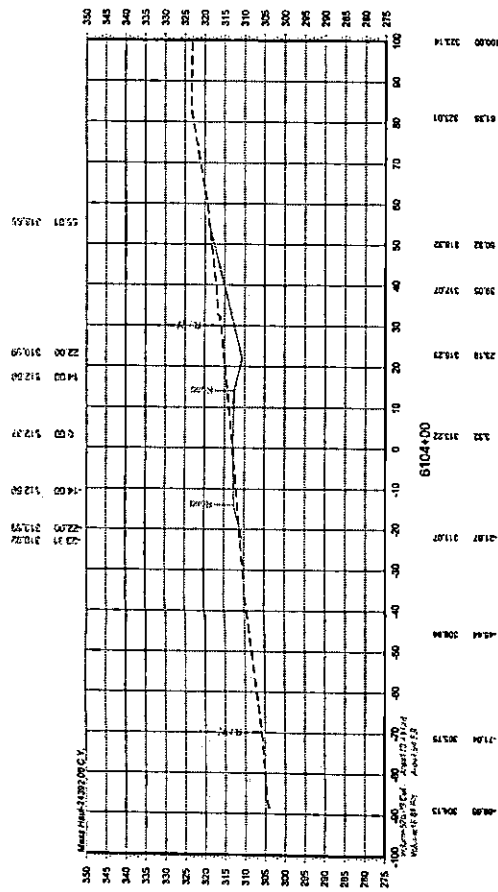
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 177563. IT IS NOT TO BE USED FOR PERMITTING, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

90% DESIGN

East Road

NOT FOR CONSTRUCTION





THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE PROVISIONS OF TITLE 19, CHAPTER 171, SECTION 171.001, TEXAS CIVIL STATUTES, EFFECTIVE JANUARY 1, 2001. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES. TEXAS REGISTERED ENGINEERING FIRM F-5543



DAVID EVANS AND ASSOCIATES INC. AND ASSOCIATES INC. 1945 Greene Freire Road Suite 804 College Station, TX 77945 Phone: 979.977.5600



UNION PACIFIC RAILROAD
 DRAWN BY: LES
 CHECKED BY: NPO
 DATE: 7/2/201
 SHEET NUMBER: X026 of X024
 CROSS SECTIONS STA. 6103+00 TO STA. 6106+00

LOCATION & DESCRIPTION:
 BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT

90% DESIGN NOT FOR CONSTRUCTION

East Road

Color: \\blt\c\config\actions\Monte\spec\CI\en\8\UPPR\Tables\Plan\UPPR_VB_Pencable_500RAD.dwg
 I:\BENTLEY\Projects\Monte\spec\CI\en\8\UPPR\Tables\Plan\UPPR_VB_Pencable_500RAD.dwg
 P:\UPPR\000005030\01000\DRAWING\SEETS\East Road Design\X-021.dgn
 8/27/2021 8:27:20Z

90% DESIGN
NOT FOR CONSTRUCTION

East Road

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543

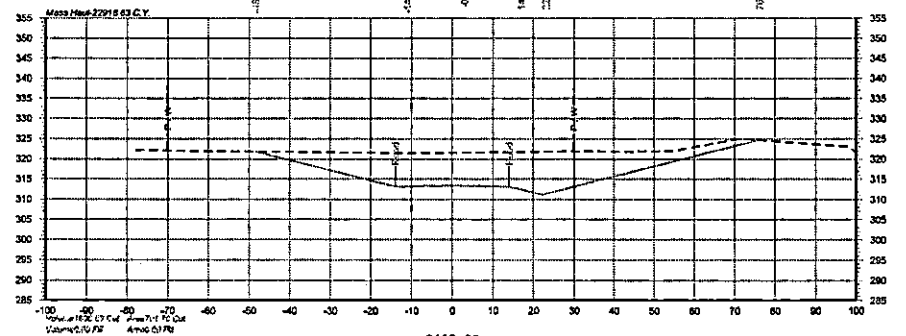
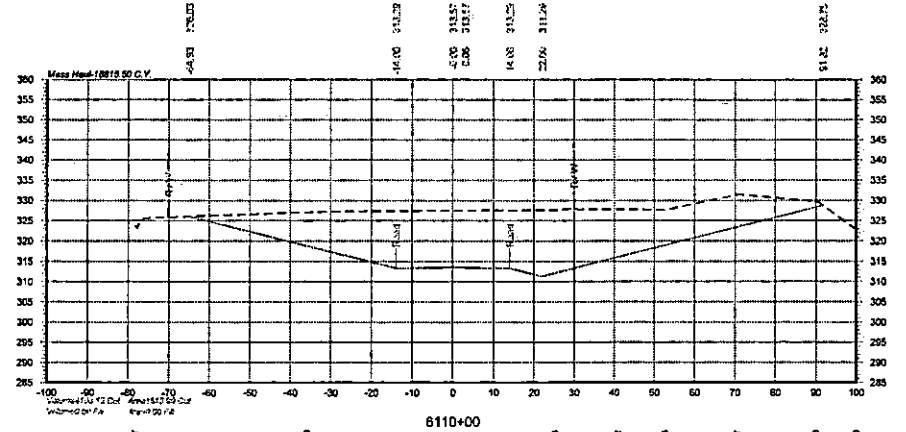
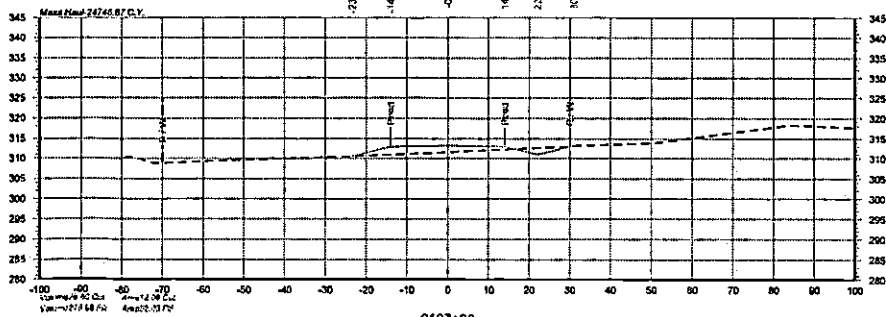
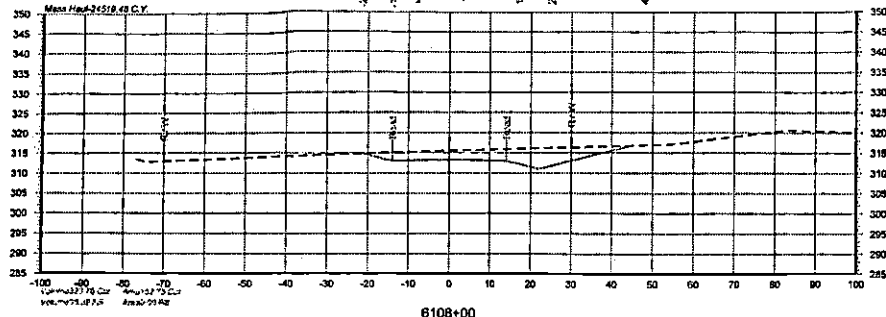


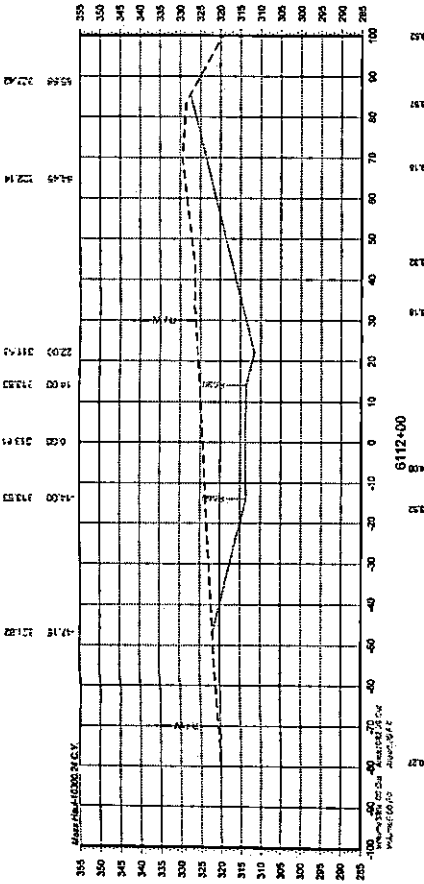
DAVID EVANS AND ASSOCIATES, INC.
 1645 Greens Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979.977.5600



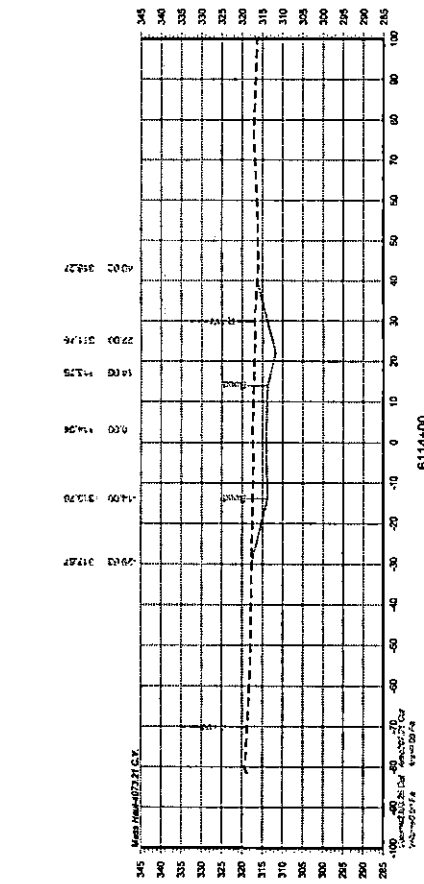
DRAWN BY: IES
 CHECKED BY: NPG
 DATE: 8/27/2021
 SHEET NUMBER: X027 of X034

UNION PACIFIC RAILROAD
 LOCATION & DESCRIPTION: BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE: CROSS SECTIONS STA.6107+00 TO STA.6110+00

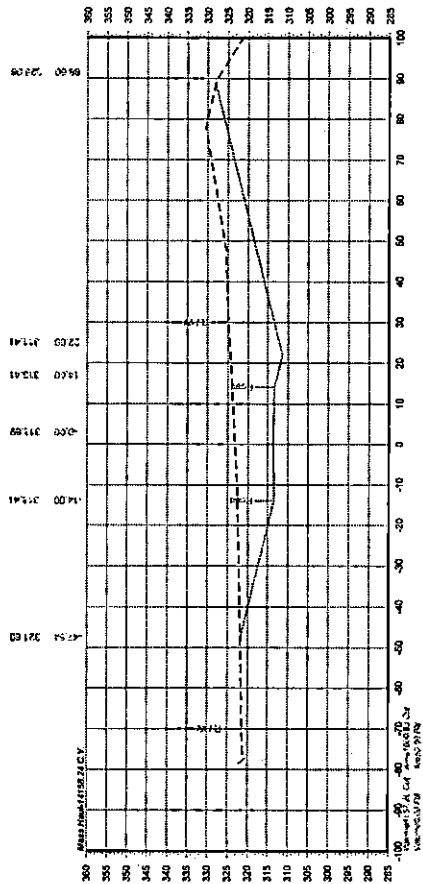




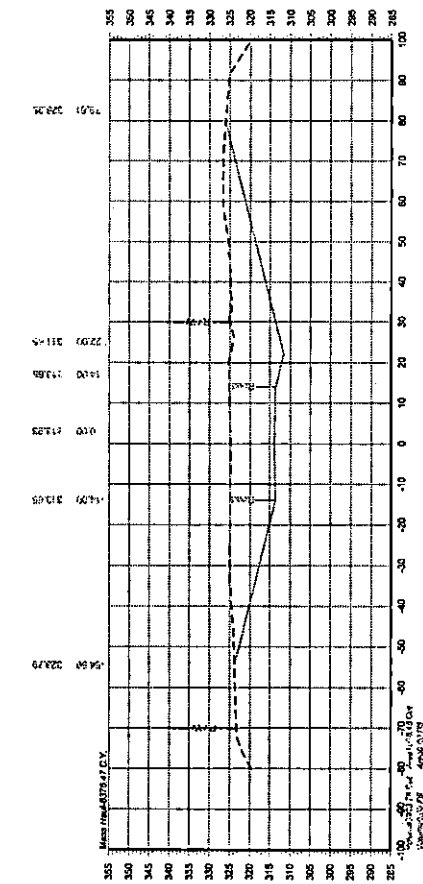
Station	Elevation
-100	315.00
-90	315.00
-80	315.00
-70	315.00
-60	315.00
-50	315.00
-40	315.00
-30	315.00
-20	315.00
-10	315.00
0	315.00
10	315.00
20	315.00
30	315.00
40	315.00
50	315.00
60	315.00
70	315.00
80	315.00
90	315.00
100	315.00



Station	Elevation
-100	315.00
-90	315.00
-80	315.00
-70	315.00
-60	315.00
-50	315.00
-40	315.00
-30	315.00
-20	315.00
-10	315.00
0	315.00
10	315.00
20	315.00
30	315.00
40	315.00
50	315.00
60	315.00
70	315.00
80	315.00
90	315.00
100	315.00



Station	Elevation
-100	315.00
-90	315.00
-80	315.00
-70	315.00
-60	315.00
-50	315.00
-40	315.00
-30	315.00
-20	315.00
-10	315.00
0	315.00
10	315.00
20	315.00
30	315.00
40	315.00
50	315.00
60	315.00
70	315.00
80	315.00
90	315.00
100	315.00



Station	Elevation
-100	315.00
-90	315.00
-80	315.00
-70	315.00
-60	315.00
-50	315.00
-40	315.00
-30	315.00
-20	315.00
-10	315.00
0	315.00
10	315.00
20	315.00
30	315.00
40	315.00
50	315.00
60	315.00
70	315.00
80	315.00
90	315.00
100	315.00

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEW J. TURNER, P.E. 177563 AS AN INSTRUMENT OF SERVICE FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES. TEXAS REGISTERED ENGINEERING FIRM F-5543

90% DESIGN NOT FOR CONSTRUCTION

East Road



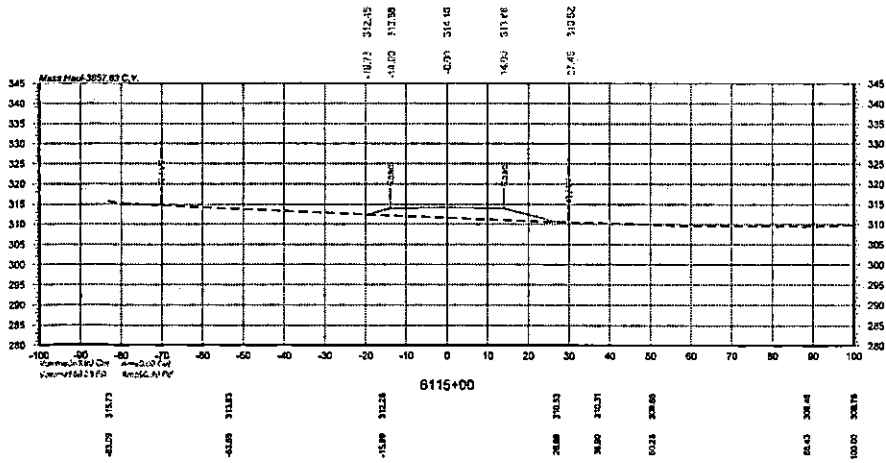
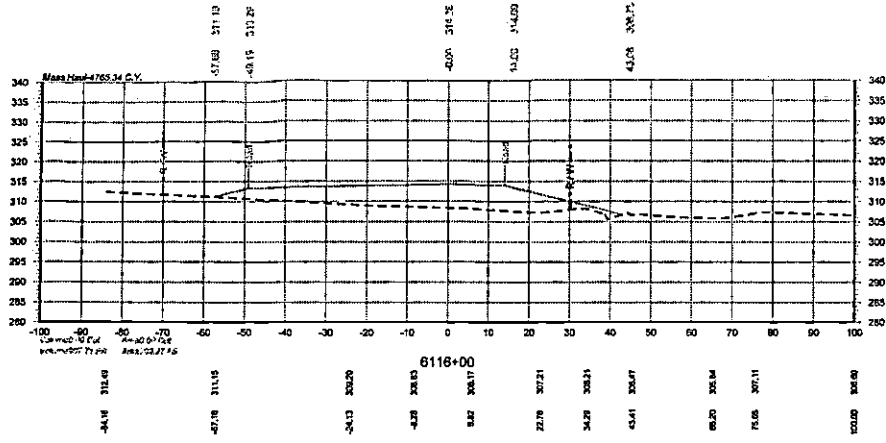
DAVID EVANS AND ASSOCIATES, INC.
1645 Greene Prairie Road, Suite 604
College Station, TX 77945
Phone 579/977-5600



UNION PACIFIC RAILROAD
LOCATION & DESCRIPTION
BIG SANDY, TX
MINEDLA SUBDIVISION MP 113.76 - 116.74
CONSTRUCT EAST ROAD ALIGNMENT

CROSS SECTIONS STA. 6111+00 TO STA. 6114+00
SHEET TITLE: CROSS SECTIONS STA. 6111+00 TO STA. 6114+00
SHEET NO: 4004
DATE: 8/27/2021
DESIGNED BY: JES
CHECKED BY: RJP

Color: table
 I:\BENTLEY\Conf\aration8\WorkSpace\Clients\UPRR\Tables\Pen\UPRR_VB_Pentable_E00RAC.dwg
 P:\UPRR\000503D_040004\UPRR\SET\East Road Design\X-025.dgn
 8/27/2021 8:27:20Z



90% DESIGN
 NOT FOR CONSTRUCTION

East Road

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543



DAVID EVANS AND ASSOCIATES INC.
 1045 Greene Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979/977-5600



DRAWN BY: IES
 CHECKED BY: NPG
 DATE: 8/27/2021
 SHEET NUMBER: X023 of X034

UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION: BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE: CROSS SECTIONS STA. 6115+00 TO STA. 6116+00

Color: white
 IN:\BENTLEY\Configure\station8\Map\space\CI\ten\81\UPRR\Tables\Pen\UPRR_V8_P\Penbase_500RD_01.dwg
 P:\AUP\000005000\0400CAD\RR\BIEE\15\East Road Design\X-03.dwg
 8/27/2021 8:21:28AM

Baseline Station	Cut		Fill		Mass Ordinate
	Area	Volume	Area	Volume	
6008+00.00	78.58	0	0	0	-13006.46
6009+00.00	12.38	170.25	28.73	49.49	-13071.11
6010+00.00	0	22.92	148.57	324.62	-12931.41
6011+00.00	0	0	289.19	810.67	-12763.82
6012+00.00	0	0	419.61	1312.6	-12611.14
6013+00.00	5.77	10.69	338.55	1404	-13450.19
6014+00.00	0	10.69	320.98	1221.35	-14429.04
6015+00.00	0	0	336.62	1217.78	-15718.41
6016+00.00	0	0	401.97	1367.77	-17387.45
6017+00.00	0	0	365.65	1421.53	-19814.47
6018+00.00	0	0	335.11	1297.72	-20654.21
6019+00.00	0	0	292.32	1161.92	-23011.85
6020+00.00	0	0	169.04	654.37	-25221.02
6021+00.00	7.13	13.2	85.17	470.75	-26658.01
6022+00.00	23.32	56.39	58.69	266.41	-27297.89
6023+00.00	14.52	70.08	81.75	260.08	-27278.06
6024+00.00	4.68	35.54	76.72	293.46	-25492.7
6025+00.00	12.82	32.39	24.52	187.48	-22935.39
6026+00.00	65.88	145.89	10.11	64.13	-21243.49
6027+00.00	220.28	529.65	0	18.72	-24067.32
6028+00.00	327.2	1013.81	0	0	-24523.16
6029+00.00	248.4	1065.91	0	0	-26853.08
6030+00.00	149.05	736.02	0	0	-27371.06
6031+00.00	98.65	458.71	0	0	-26506.03
6032+00.00	36.02	249.39	26.71	49.47	-24778.1
6033+00.00	4.55	75.12	47.13	136.75	-23012.69
6034+00.00	1.83	11.44	62.49	203.02	-22099.6
6035+00.00	0.56	4.05	68.02	241.69	-21779.79
6036+00.00	30.02	56.64	8.87	142.4	-21674.46
6037+00.00	40.08	129.81	1.48	19.14	-22440.3
6038+00.00	4.19	81.97	40.08	78.93	-23078.66
6039+00.00	0	7.78	73.45	210.24	-24159.07
6040+00.00	0.25	0.48	63.37	253.37	-25046.82
6041+00.00	44.91	83.62	4.01	124.78	-25439.63
6042+00.00	109.58	286.05	0	7.42	-26259.22
6043+00.00	253.11	671.81	0	0	-26991.22
6044+00.00	266.3	961.88	0	0	-26701.07
6045+00.00	282.18	978.63	0	0	-26709.42
6046+00.00	269.58	984.67	0	0	-26779.86
6047+00.00	279.65	1017.08	0	0	-26497.14
6048+00.00	178.06	843.9	0	0	-25705.78
6049+00.00	108.45	523.18	0	0	-24888.47
6050+00.00	30.11	252.89	16.48	30.52	-24392.06
6051+00.00	0	55.76	322.45	627.68	-24260.4
6052+00.00	0	0	1243.99	2800.82	-24498.49
6053+00.00	0	0	271.39	2806.25	-24746.87
6054+00.00	197.6	365.92	0	502.58	-24519.46
6055+00.00	84.71	522.79	0	0	-22918.63
6056+00.00	14.51	183.74	43.65	80.84	-18815.5
6057+00.00	0	28.87	104.16	273.73	-14158.24
6058+00.00	0	0	122.31	419.38	-10300.24
6059+00.00	0	0	124.17	456.44	-8378.47
6060+00.00	0	0	93.57	403.23	-4073.21
6061+00.00	0	0	134.79	422.9	-3857.63
6062+00.00	0	0	141.71	512.05	-4765.34
6063+00.00	0.04	0.07	76.78	404.63	-12819.39
6064+00.00	1.65	3.12	62.96	258.78	

Baseline Station	CUT		FILL		Mass Ordinate
	Area	Volume	Area	Volume	
6055+00.00	5.98	14.09	45.67	201.18	-13006.46
6056+00.00	20.58	49.14	15.78	113.79	-13071.11
6057+00.00	70.65	168.93	0	29.23	-12931.41
6058+00.00	23.06	173.53	3.2	5.93	-12763.82
6059+00.00	5.64	53.14	78.05	150.47	-12611.14
6070+00.00	0	10.45	245.68	599.5	-13450.19
6071+00.00	0	0	282.9	978.84	-14429.04
6072+00.00	0	0	413.36	1289.37	-15718.41
6073+00.00	0	0	487.92	1669.05	-17387.45
6074+00.00	0	0	822.67	2427.02	-19814.47
6074+24.19	16.48	7.38	1068.59	847.12	-20654.21
6075+00.00	0	23.13	627.19	2380.77	-23011.85
6076+00.00	0	0	565.76	2209.16	-25221.02
6077+00.00	0	0	210.22	1436.89	-26658.01
6078+00.00	0	0	135.32	639.88	-27297.89
6079+00.00	135.76	251.4	0	250.59	-27278.06
6080+00.00	838.8	1804.37	0	0	-25492.7
6081+00.00	541.8	2556.31	0	0	-22935.39
6082+00.00	1.73	1008.55	115.37	213.65	-22143.49
6083+00.00	0	3.21	825.23	1827.04	-24067.32
6083+12.78	0	0	1000.19	455.84	-24523.16
6084+00.00	0	0	442.39	2329.92	-26853.08
6085+00.00	162.69	301.27	0	819.25	-27371.06
6086+00.00	304.43	865.03	0	0	-26506.03
6087+00.00	628.66	1727.94	0	0	-24778.1
6088+00.00	324.66	1765.4	0	0	-23012.69
6089+00.00	168.41	913.1	0	0	-22099.6
6090+00.00	16.25	341.87	22.23	41.17	-21779.79
6091+00.00	0.02	30.13	88.8	205.79	-21674.46
6092+00.00	0	0.03	162.68	465.88	-22440.3
6093+00.00	0	0	182.03	638.35	-23078.66
6094+00.00	0	0	401.39	1080.42	-24159.07
6094+84.00	0.08	0.09	347.75	887.94	-25046.82
6095+00.00	0	0.05	241.45	392.75	-25439.63
6096+00.00	0	0	201.12	819.59	-26259.22
6097+00.00	20.14	37.28	52.29	465.29	-26991.22
6098+00.00	44.9	120.44	18.06	130.28	-26701.07
6099+00.00	12.95	107.13	44.3	115.48	-26709.42
6100+00.00	9.33	41.26	16.02	111.7	-26779.86
6101+00.00	158.36	312.39	0	28.67	-26497.14
6102+00.00	267.97	791.38	0	0	-25705.78
6103+00.00	170.09	811.22	2.11	3.82	-24888.47
6104+00.00	113.43	525.93	7.94	18.61	-24392.06
6105+00.00	23.12	252.87	57.51	121.21	-24260.4
6106+00.00	3.37	49.05	87.54	287.14	-24498.49
6107+00.00	12.08	28.6	52.03	276.88	-24746.87
6108+00.00	162.75	323.76	0	96.35	-24519.46
6109+00.00	701.7	1800.83	0	0	-22918.63
6110+00.00	1513.99	4103.13	0	0	-18815.5
6111+00.00	1000.93	4657.26	0	0	-14158.24
6112+00.00	1082.39	3858	0	0	-10300.24
6113+00.00	1036.45	3923.78	0	0	-8378.47
6114+00.00	207.31	2303.28	0	0	-4073.21
6115+00.00	0	383.9	90.9	168.33	-3857.63
6116+00.00	0	0	399.27	907.71	-4765.34
Grand Total:		49047.68		53813.03	

Quantity Summary Proposed Roadway East

Proposed Subgrade
 Sta. 6008+00.00 to Sta. 6116+47.30
 Cut: 49,048 CY
 Fill: 53,813 CY
 Net: 4,765CY (Cut)

90% DESIGN
 NOT FOR CONSTRUCTION

East Road

THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEVI J. TURNER, P.E. 117563 ON 8/27/2021. IT IS NOT TO BE USED FOR PERMIT, BIDDING, OR CONSTRUCTION PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543



DAVID EVANS AND ASSOCIATES INC.
 1645 Greens Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979.977.5600



DRAWN BY: IES
 CHECKED BY: NPG
 DATE: 8/27/2021
 SHEET NUMBER: X030 of X034

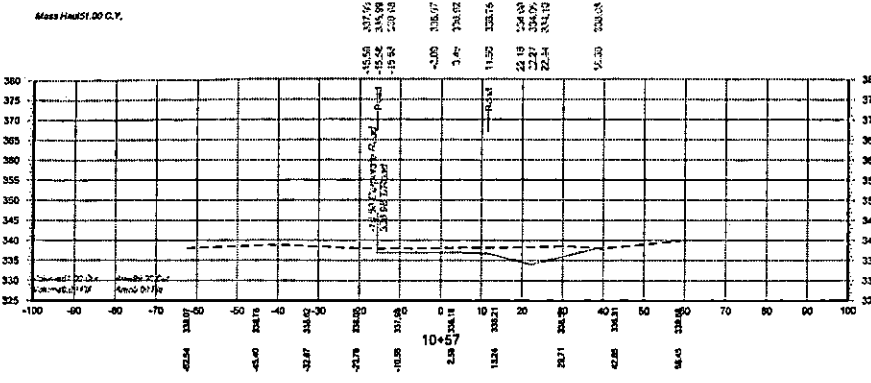
UNION PACIFIC RAILROAD

LOCATION & DESCRIPTION: BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT EAST ROAD ALIGNMENT
 SHEET TITLE: EARTHWORK QUANTITIES

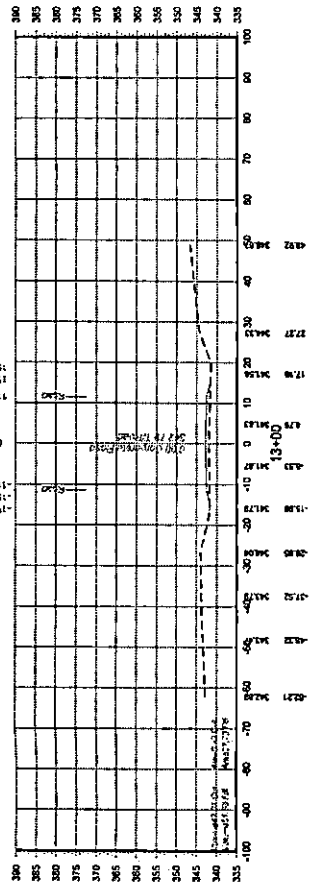
Color table:
 \BENTLEY\Conf\estoon8\WorkSpace\Clint\A6_UPRR\Tables\PenUPRR_VB_Pentable_50DRA0.dwg
 P:\NUPRR\00005050\0400CAD\RRS\SHETS\East Road Design\01.dgn
 8/21/2021 8:21:20AM

60% DESIGN
 NOT FOR CONSTRUCTION

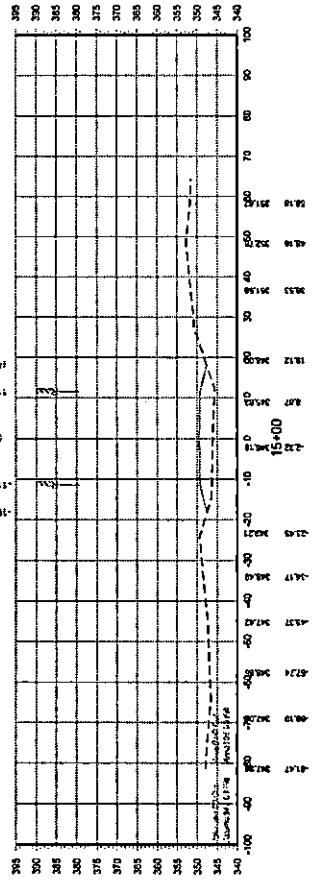
Corporate Road



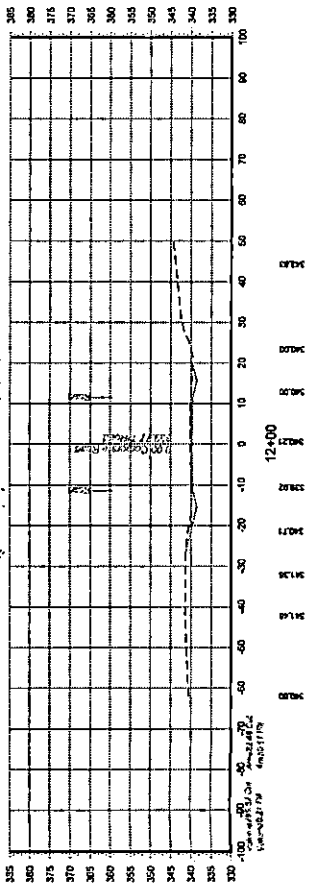
Align Point 03207 C.Y.



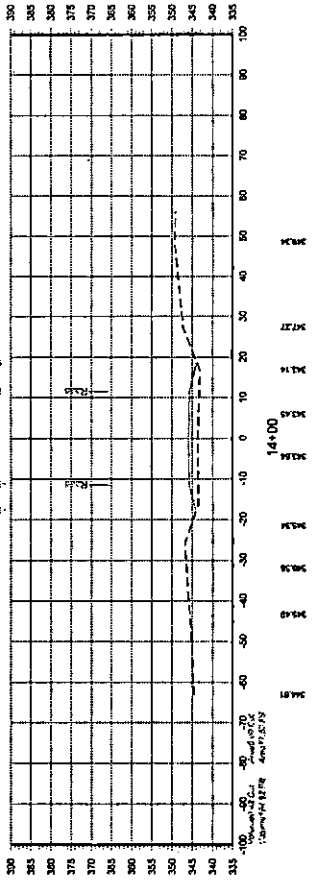
Align Point 1300 C.Y.



Align Point 03201 C.Y.



Align Point 03208 C.Y.



THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF OWNER REVIEW UNDER THE AUTHORITY OF LEV J. TURNER, P.E. 117553 ON 8/27/2021. IT IS NOT TO BE USED FOR BIDDING, OR CONSTRUCTION PURPOSES. TEXAS REGISTERED ENGINEERING FIRM F-55243

60% DESIGN Corporate Road

NOT FOR CONSTRUCTION



DAVID EVANS AND ASSOCIATES INC.
 845 Orange Prairie Road, Suite 304
 College Station, TX 77845
 Phone: 0707/775600



UNION PACIFIC RAILROAD
 LOCATION & DESCRIPTION
 BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 118.74
 CONSTRUCT CORPORATE ROAD ALIGNMENT

PROJECT TITLE: CROSS SECTIONS STA. 12+00 TO STA. 15+00
 SHEET NUMBER: A02 OF A04
 DATE: 8/27/2021
 CHECKED BY: NFO
 DRAWN BY: JTB

C:\pwworkspace\Projects\18 Corporate Road\18 Corporate Road.dwg
 P:\18 Corporate Road\18 Corporate Road.dwg
 8/27/2021 8:27:20 AM

60% DESIGN
 NOT FOR CONSTRUCTION

Corporate Road

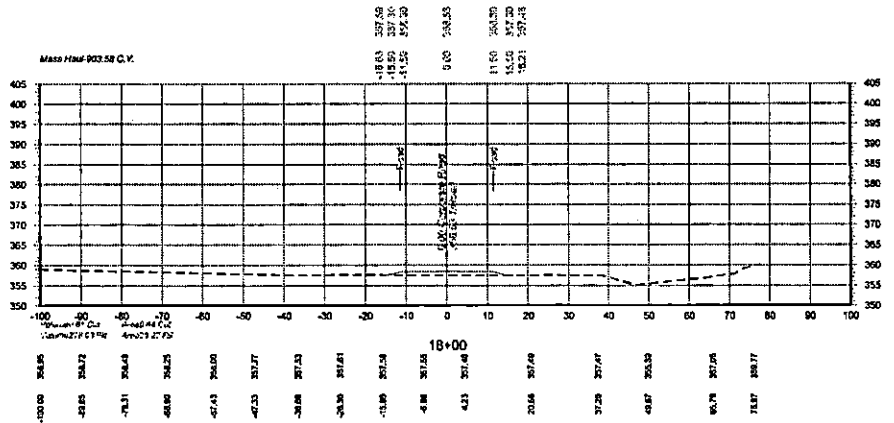
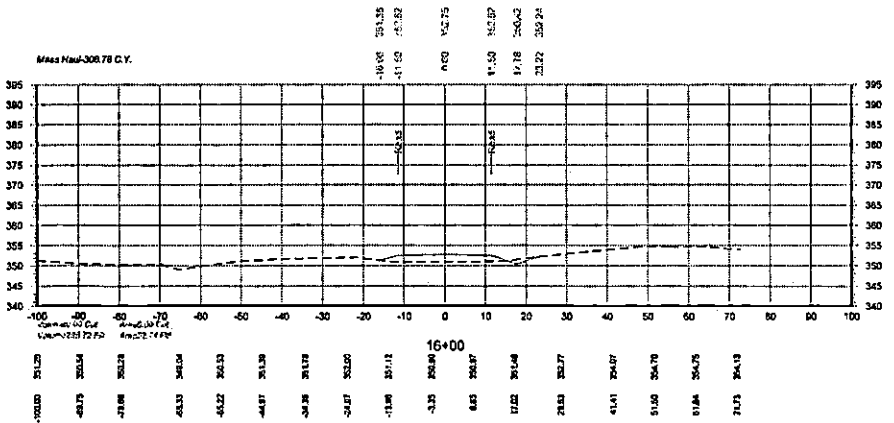
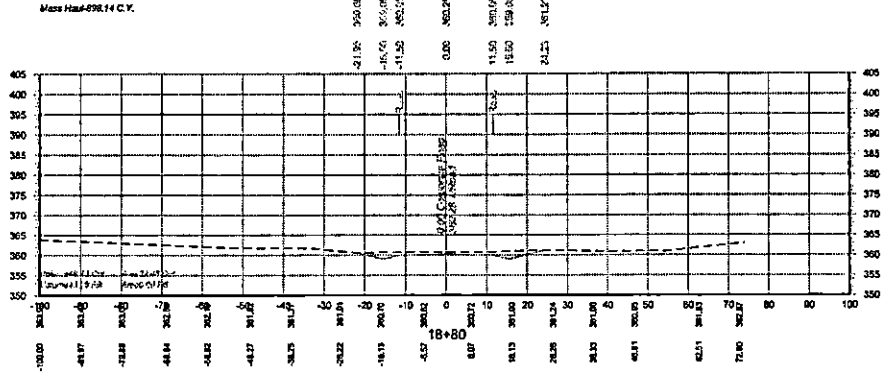
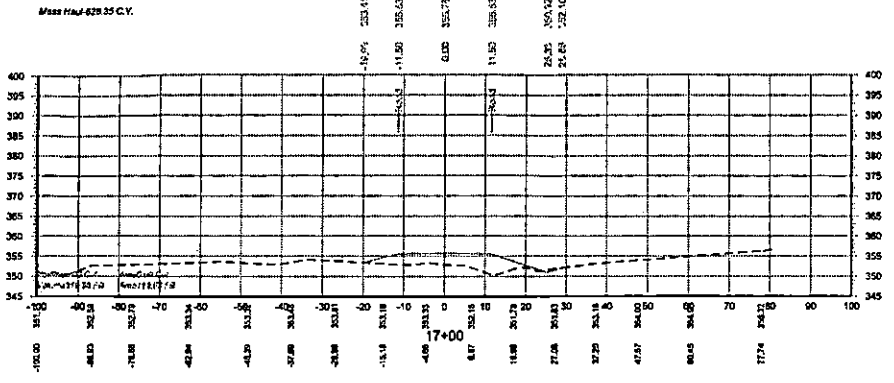
THIS DOCUMENT IS RELEASED FOR THE
 PURPOSE OF OWNER REVIEW UNDER THE
 AUTHORITY OF LEVI J. TURNER, P.E. 117563
 ON 8/27/2021. IT IS NOT TO BE USED FOR
 PERMIT, BIDDING, OR CONSTRUCTION
 PURPOSES.
 TEXAS REGISTERED ENGINEERING FIRM F-5543


**DAVID EVANS
 AND ASSOCIATES
 INC.**
 1845 Greens Prairie Road, Suite 104
 College Station, TX 77845
 Phone: 979/9775600



DRAWN BY:
 IES
 CHECKED BY:
 NPO
 DATE:
 8/27/2021
 SHEET NUMBER:
 X033 of X034

**UNION PACIFIC
 RAILROAD**
 LOCATION & DESCRIPTION:
 BIG SANDY, TX
 MINEOLA SUBDIVISION MP 113.76 - 116.74
 CONSTRUCT CORPORATE ROAD ALIGNMENT
 SHEET TITLE:
 CROSS SECTIONS STA. 16+00 TO STA. 18+80



**EXHIBIT C
TO
ROAD CONSTRUCTION AGREEMENT**

Form of Special Warranty Deed

(Attached hereto)

**RECORDING REQUESTED BY AND
WHEN RECORDED, RETURN TO:**

Upshur County
100 S. Main Street
Quitman, Texas 75783

(Space Above Line for Recorder's Use Only)

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORDING IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

[UP Folder#]

SPECIAL WARRANTY DEED

STATE OF TEXAS)
) **KNOW ALL MEN BY THESE PRESENTS:**
COUNTY OF WOOD)

That [_____], a [_____] ("Grantor"), for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to the undersigned by the Grantee herein named, the receipt and sufficiency of which are hereby acknowledged and confessed, HAS GRANTED, SOLD, AND CONVEYED, and by these presents DOES HEREBY GRANT, SELL, AND CONVEY unto UPSHUR COUNTY, a Texas government entity ("Grantee"), all of that certain real estate ("Property") lying and being situated in Wood County, State of Texas, more particularly described in **Exhibit A**, attached hereto and made a part hereof.

This Special Warranty Deed is made SUBJECT TO the following:

- (a) All taxes and all assessments, or, if payable in installments, all installments of assessments, levied upon or assessed against the Property which became or may become due and payable in the year 2021 shall be prorated as of the date of delivery of this Special Warranty Deed by Grantor to Grantee, said date being the _____ day of _____, 2021; and Grantee assumes and agrees to pay, or to reimburse Grantor for, if paid by it, all such taxes and assessments and installments of assessments applicable to the period subsequent to the date of delivery of this Special Warranty Deed and assumes all taxes and all assessments and all installments of assessments which may become due and payable after said year.

(b) All liens, encumbrances, clouds upon, impairments of and defects in the title created or permitted to be created by Grantee on and after the date of delivery of this Special Warranty Deed by Grantor to Grantee, and any and all restrictions and limitations imposed by public authority, and any easements, restrictions and/or outstanding rights of record, and exceptions, reservations and conditions contained in prior deeds or open and obvious on the ground, including, without limitation, the following:

(c) Licenses and other rights to use the Property, regardless of whether visible, open and obvious, recorded or unrecorded or for public streets, rights of way or utilities.

The Property is conveyed by Grantor subject to the following covenants, conditions and restrictions which Grantee, by the acceptance of this Special Warranty Deed, covenants for itself, its successors and assigns, faithfully to keep, observe and perform:

(a) Restriction on Use. The Property must not be used for (i) residential, (ii) lodgings or accommodations (including, without limitation, hotels, motels, boarding houses, dormitories, hospitals, nursing homes, or retirement centers), or (iii) educational or child-care facilities (including, without limitation, schools, kindergartens or day-care centers).

(b) Railroad Proximity.

(i) Grantee acknowledges that the property abutting the northern boundary line of the Property is dedicated and used for railroad purposes, that railroad operations may create noise, vibrations, emissions, fumes and odors twenty-four (24) hours a day, and that the amount, nature and intensity of railroad operations may increase or change (collectively, the "Permitted Effects"). Grantee accepts the Property subject to the existence of the Permitted Effects. By acceptance of the Property, Grantee agrees that, at Grantee's sole cost and expense, as part of the development of the Property, Grantee shall design and install and/or construct and thereafter maintain improvements to reduce or limit the Permitted Effects and to comply with all governmental requirements, if any, which may be imposed as a condition to the development and use of the Property because of the Permitted Effects.

(ii) Grantee shall not, and hereby waives all rights to, (A) institute legal proceedings against Grantor to reduce or lessen the Permitted Effects, and (B) directly or indirectly participate in petition drives, lobbying efforts or other activities seeking the enactment of federal, state or local laws or ordinances to reduce or lessen the Permitted Effects. Any party breaching such covenant shall reimburse Grantor for all costs incurred by Grantor to comply with any such orders, laws or ordinances, including, without limitation, attorney fees and court costs.

(iii) If Grantee sells or leases all or any portion of the Property, Grantee shall require all purchasers and tenants to acknowledge the location of the railroad operations abutting the Property and the existence of the Permitted Effects, and to agree in writing, for the benefit of Grantor, to comply with the above covenants.

The foregoing covenants, conditions and restrictions shall run with the Property, the burden of which will be binding on the successors and assigns of Grantee, and the benefit of which will inure to the successors and assigns of Grantor. A breach of the foregoing covenants, conditions and restrictions, or the continuance thereof, may, at the option of Grantor, its successors or assigns, be enjoined, abated or remedied by appropriate proceedings.

Environmental Covenants:

(a) "As Is" Sale. Grantee, for itself, its successors and assigns, including any successor owner of any interest in the Property, acknowledges and agrees that the Property has been sold and conveyed to and accepted by Grantee in an "AS IS" condition, with all faults, and Grantee acknowledges that the Property may have been used for railroad and/or industrial purposes, among other uses. Grantee acknowledges and agrees that any information Grantee may have received from Grantor or its agents concerning the Property (including, but not limited to, any lease or other document, engineering study or environmental assessment) was furnished on the condition that Grantee would make an independent verification of the accuracy of the information. Grantor does not make any representations or warranties of any kind whatsoever, either express or implied, with respect to the Property; in particular, without limitation, Grantor makes no representations or warranties with respect to the use, condition, title, occupation or management of the Property, or compliance with applicable statutes, laws, codes, ordinances, regulations, requirements (collectively, "Condition of the Property"). Grantee acknowledges and agrees that the Property has been sold and conveyed on the basis of Grantee's own independent investigation of the physical and environmental conditions of the Property. Grantee assumes the risk that adverse physical and environmental conditions may not have been revealed by its investigation.

(b) Release and Indemnity. GRANTEE, FOR ITSELF, ITS SUCCESSORS AND ASSIGNS, INCLUDING ANY SUCCESSOR OWNER OF ANY INTEREST IN THE PROPERTY, HEREBY RELEASES GRANTOR, AND, TO THE MAXIMUM EXTENT PERMITTED BY LAW, INDEMNIFIES, DEFENDS AND SAVES HARMLESS GRANTOR, ITS AFFILIATES, THEIR EMPLOYEES, AGENTS, OFFICERS, SUCCESSORS AND ASSIGNS, FROM AND AGAINST ANY AND ALL SUITS, ACTIONS, CAUSES OF ACTION, LEGAL OR ADMINISTRATIVE PROCEEDINGS, CLAIMS, DEMANDS, FINES, PUNITIVE DAMAGES, LOSSES, COSTS, LIABILITIES AND EXPENSES, INCLUDING ATTORNEYS' FEES, IN ANY WAY ARISING OUT OF OR CONNECTED WITH THE KNOWN OR UNKNOWN

CONDITION OF THE PROPERTY (INCLUDING, WITHOUT LIMITATION, ANY CONTAMINATION IN, ON, UNDER OR ADJACENT TO THE PROPERTY BY ANY HAZARDOUS OR TOXIC SUBSTANCE OR MATERIAL), OR ANY FEDERAL, STATE OR LOCAL LAW, ORDINANCE, RULE OR REGULATION APPLICABLE THERETO, INCLUDING, WITHOUT LIMITATION, THE TOXIC SUBSTANCES CONTROL ACT, THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT, AND THE RESOURCE CONSERVATION AND RECOVERY ACT. THE FOREGOING WILL APPLY REGARDLESS OF ANY NEGLIGENCE OR STRICT LIABILITY OF GRANTOR, ITS AFFILIATES, OR THEIR EMPLOYEES, AGENTS OR OFFICERS.

TO HAVE AND TO HOLD the Property, together with all and singular the rights and appurtenances thereto in any wise belonging unto the said Grantee, its successors and assigns forever, and Grantor does hereby bind itself, its successors and assigns, to warrant and forever defend all and singular the Property unto Grantee and its successors and assigns, against every person whomsoever lawfully claiming or to claim the same, or any part thereof, by, through or under it, but not otherwise, subject, however, as aforesaid.

(Remainder of page intentionally left blank.)

Grantee hereby accepts this Special Warranty Deed and agrees for itself, its successors and assigns, to be bound by the covenants set forth herein.

Dated this _____ day of _____, 2021.

**UPSHUR COUNTY,
a Texas government entity**

By: _____
Name: _____
Title: _____

STATE OF TEXAS)
) ss.
COUNTY OF _____)

This instrument was acknowledged before me on _____,
2021, by _____,
of WOOD COUNTY, a Texas government entity, on behalf of said entity.

WITNESS my hand and official seal.

Notary Public

(Seal)

EXHIBIT A


**LEGAL DESCRIPTION OF THE PROPERTY
(TO BE ATTACHED)**

FILED
TERRI ROSS
COUNTY CLERK

2021 OCT 15 PM 3:04

UPSHUR COUNTY, TX.

BY



DEPUTY