# ECONOMIC DEVELOPMENT REFUNDING AGREEMENT BETWEEN WILLIAMSON COUNTY, TEXAS AND THE HUTTO ECONOMIC DEVELOPMENT CORPORATION, TYPE B FOR FM 3349 AT US 79--HUTTO MEGASITE RIGHT-TURN LANE

This Economic Development Refunding Agreement ("Agreement") dated April 10, 2023 ("Effective Date") is hereby made by and between Williamson County, Texas a Texas political subdivision of the State of Texas (the "County"), and the Hutto Economic Development Corporation Type B, a Texas nonprofit corporation established pursuant to the Development Corporation Act, as codified in the Texas Local Government Code, as amended, and pursuant to the Texas Non-Profit Corporation Act, as codified in the Texas Business Organizations Code, as amended (the "HEDC"). The County and the HEDC may be referred to individually as "Party" and collectively as "Parties" for the purposes of this Agreement.

#### **RECITALS**

WHEREAS, the Board of Directors (the "Board") of the HEDC finds Section 501.103 of the Texas Local Government Code defines an authorized project for an economic development corporation to include "expenditures found by the board of directors to be required or suitable for infrastructure necessary to promote or develop new or expanded business enterprises limited to: (1) streets and roads, rail spurs, water and sewer utilities, electric utilities, or gas utilities, drainage, site improvements, and related improvements; (2) telecommunications and Internet improvements; or (3) beach remediation along the Gulf of Mexico;" and

WHEREAS, the County seeks acquire, develop, and improve transportation infrastructure located within the City of Hutto and the County in order to grow the local, regional and state economy; and

WHEREAS, the County specifically desires to improve transportation infrastructure with the design and construction of a right turn lane for FM 3349 at US 79; and

WHEREAS, on or around January 26, 2023, the Board of the HEDC adopted Resolution No. R-2023-012, approving a funding agreement between the City of Hutto and the HEDC to construct a spine road at the Megasite (the "Megasite Spine Road Funding Agreement"); and

WHEREAS, on or around February 16, 2023, the City Council of the City of Hutto adopted Resolution No. R-2023-037, approving the Megasite Spine Road Funding Agreement; and

WHEREAS, on or around February 16, 2023, the City Council of the City of Hutto authorized the issuance of \$12,000,000.00 in General Obligation Bonds, Series 2023, to fund roadway construction for the Spine Road at the Megasite; and

WHEREAS, the Board of Directors of the HEDC finds that the right turn lane onto the Megasite spine road is a component of the Megasite Spine Road Funding Agreement contemplated in the inclusion of the of the construction project; and

WHEREAS, the Board of Directors of the HEDC finds the general obligation bonds issued or to be issued to fund the construction of the Megasite Spine Road, included the funding of the right turn lane; and

WHEREAS, the Parties desire to authorize this Agreement to fund such transportation infrastructure; and

**WHEREAS**, the Board of the HEDC finds and the Parties agree the expenditures of funds provided and described in the Agreement are required and suitable to fund such transportation infrastructure; and

WHEREAS, the Board of the HEDC finds and the Parties agree such infrastructure is necessary to promote or develop new and expanded business; and

WHEREAS, the Board of the HEDC finds the expenditure of up to \$600,000.00 is required and suitable to fund infrastructure necessary to develop street and related infrastructure improvements, enabling the improvement of transportation infrastructure in the City, thereby promoting and developing new and expanded business enterprises opportunities, pursuant to Texas Local Government Code Section 501.103; and

**NOW THEREFORE**, in consideration of the foregoing and the mutual agreements, covenants, and payments authorized herein and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and as authorized by the Laws of the State of Texas, the Parties agree as follows:

## ARTICLE 1 Recitals/Definitions

- 1.01 <u>Recitals.</u> The recitals referenced in this Agreement are incorporated herein for all purposes.
- **1.02** <u>Definitions.</u> As used in this Agreement, the following words and phrases shall have the meanings indicated:
- "HEDC Grant" means the grant of funds to the County from the HEDC in accordance with this Agreement.
- "Project" means the facilitation of the design and construction of a right turn lane onto FM 3349 at the approximate location shown on Exhibit "A" attached hereto, and the relocation of two existing easements (drainage easement held by Williamson County and a water easement held by Jonah SUD), if applicable.

### ARTICLE 2 Term

The term of this Agreement ("Term") will commence on the Effective Date and terminate after the HEDC provides the HEDC Grant to the County, unless sooner terminated as provided herein.

## ARTICLE 3 Grant

- **3.01** HEDC Grant. The current estimate for the Project is Six Hundred Thousand Dollars (\$600,000). The County shall invoice the HEDC monthly for costs incurred for the Project with proof sufficient for the HEDC Board to verify the validity and necessity of such expenses. Upon approval by the HEDC Board of such proof, HEDC shall issue a payment for such expenses within 30 days of receipt of invoice. The HEDC's obligation pursuant to this HEDC Grant is limited to the actual incurred and HEDC Board-approved costs of up to \$600,000.00.
- 3.02 <u>Debt.</u> Under no circumstances shall the obligations to the HEDC hereunder be deemed to create any debt within the meaning of any constitutional or statutory provision.
- **3.03** Current Revenue. The HEDC Grant payments will be paid solely from lawfully available funds that have been appropriated by the HEDC, as approved by the City Council of the City of Hutto.
- **3.04** Obligations of HEDC. The obligation of HEDC to provide the HEDC Grant is conditioned upon use of the funds in accordance with this Agreement.
- **3.05 ROW Acquisition.** The HEDC and the County agree that the right-of-way for the Project will be dedicated to the County, free and clear of any liens.

# ARTICLE 4 County Obligations

- **4.01 Project Design**. The County shall be responsible for all costs associated with the preliminary and final design, construction management, utility coordination, environmental permitting and all other costs related to the design and permitting of the Project.
- **4.02** Construction Plans. The County shall submit to the HEDC, prior to contract award, all plans and specifications related to the Project for the Parties' mutual review and approval. Any changes or modifications to the plans will be submitted to the HEDC for review and approval prior to commencement of construction. The plans will meet TxDOT requirements for turn lanes.
- **4.03** <u>Inspection</u>. The HEDC may inspect all aspects of the Project during construction. Upon receipt of notification from the HEDC that the HEDC inspectors have determined that the construction is not in accordance with the approved Project plans, the County will identify the deficiency and adopt a corrective plan of construction in accordance with this Agreement.

4.04 <u>Easement Relocation</u>. The Parties recognize that there are two existing easements (drainage easement held by Williamson County and a water easement held by Jonah SUD) that may need to be relocated because of the Project. The County will be responsible for negotiation, design, construction and the preparation of all related documents and new surveys for the relocation of such easements.

# ARTICLE 5 Miscellaneous

- **5.01** <u>Amendment</u>. This Agreement may be amended only by written amendment signed by both Parties.
- 5.02 <u>Venue</u>. All payments made pursuant to this Agreement and other obligations performed under this Agreement shall be made or performed in Williamson County, Texas. Venue for any action concerning this Agreement shall lie in a state court of competent jurisdiction in Williamson County, Texas. This Agreement shall be governed by and construed in accordance with the laws of the State of Texas without giving effect to any conflicts of law rule or principle that might result in the application of laws of another jurisdiction.
- **5.03** <u>Legal Construction</u>. In the event any one or more of the provisions in this Agreement shall be held to be invalid, illegal, or unenforceable, such invalidity, illegality or unenforceability shall not affect the other provisions of this Agreement.
- 5.04 Notices. All notices given with respect to this Agreement shall be in writing and shall be deemed to have been properly given for all purposes (i) if sent by a nationally recognized overnight carrier for next business day delivery, on the first business day following deposit of such notice with such carrier unless such carrier confirms such notice was not delivered, then on the day such carrier actually delivers such notice; or (ii) if personally delivered, on the actual date of delivery; or (iii) if sent by certified U.S. Mail, return receipt requested postage prepaid, on the fifth business day following the date of mailing; or (iv) if sent by facsimile, then on the actual date of delivery (as evidenced by a facsimile confirmation) provided that a copy of the facsimile and confirmation is also sent by regular U.S. Mail, addressed as follows:

#### For County:

Bill Gravell Williamson County Judge 710 S. Main St., Suite 101 Georgetown, TX 78626

#### For HEDC:

Attention Executive Director Hutto Economic Development Corporation Type B 500 W. Live Oak St. Hutto, TX 78634

- **5.05** Assignment. This Agreement is binding upon the Parties and their successors and assigns. This Agreement may not be assigned by either Party without the specific prior written consent of the other Party, which consent may be withheld at the sole discretion of the non-assigning Party.
- **5.06** Parties in Interest. Nothing in this Agreement shall entitle any party other than those stated herein to any claim, cause of action, remedy, or right of any kind.
- **5.07 Interpretation**. Each Party has had the opportunity to be represented by counsel of its choice in negotiating this Agreement. This Agreement shall therefore be deemed to have been negotiated and prepared at the joint request, direction, and construction of the Parties, at arm's length, and will be interpreted in accordance with its terms without favor to any Party.
- **5.08** No Joint Venture. Nothing contained in this Agreement is intended by the Parties to create a partnership or joint venture between the Parties.
- **5.09** Survival of Terms. All rights, duties, liabilities, and obligations accrued prior to termination shall survive termination.
- **5.10** Entire Agreement. This Agreement represents the entire agreement of the Parties with respect to the subject matter hereof.
- **5.11** Counterparts. This Agreement may be executed in counterparts. Each of the counterparts shall be deemed an original instrument, but all the counterparts shall constitute one and the same instrument.
- **5.12** Exhibits. All exhibits to this Agreement are incorporated herein by reference for all purposes wherever reference is made to the same.

5.13 <u>Authorization</u>. Each Party represents that it has full capacity and authority to grant all rights and assume all obligations that are granted and assumed in this Agreement.

	HUTTO ECONOMIC DEVELOPMENT CORPORATION, TYPE B
	By:
	ATTEST:
	By: Erin Clancy, Board Secretary
	The Hutto City Council approved this Agreement and authorized its execution by the undersigned on June 15, 2023.
	By: James Earps, City Manager
	ATTEST:
	By: Angela Lewis, City Secretary
	WILLIAMSON COUNTY
Bil	By: Bill Gravell, Jr., County Judge
	Nancy Rister, County Clerk

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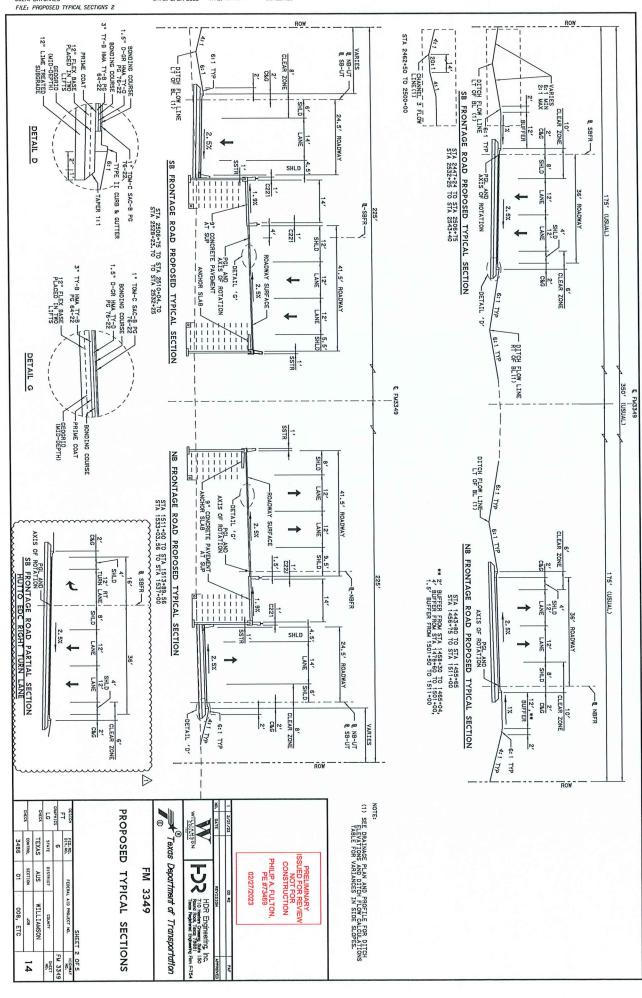
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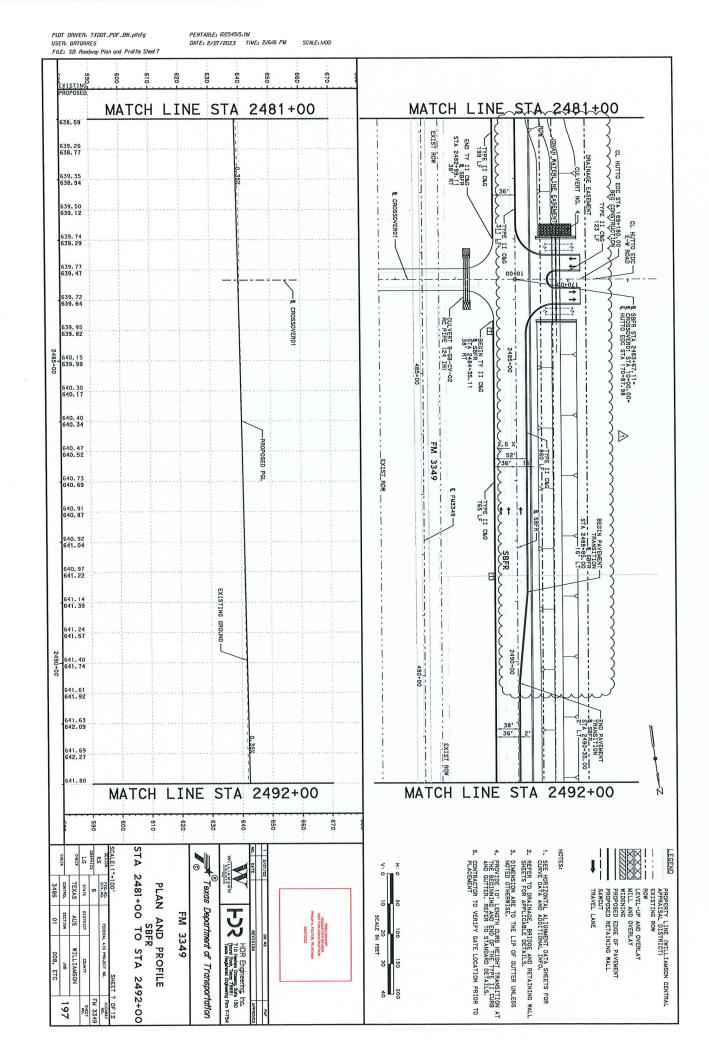
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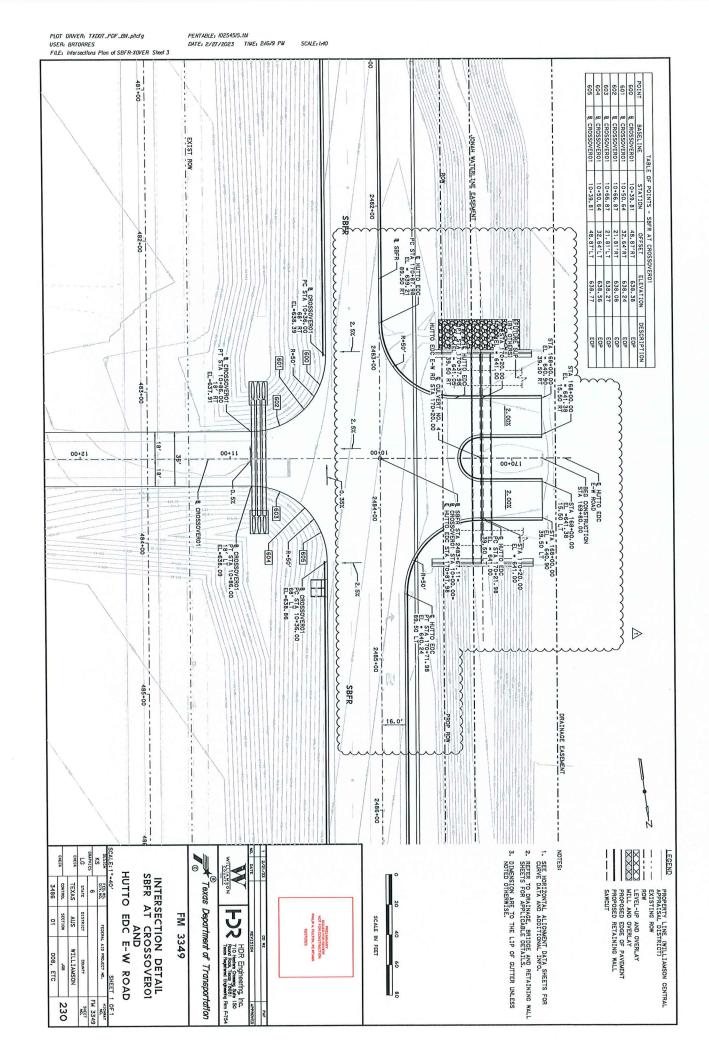
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2 \$ 14 R3-7R	13 R3-7R	-	12 R6-1L	R1-1		10 R5-1	9 R5-1	H	8 M3-3		7 R5-1a	6 R5-1a	5 R5-1	4 R5-1	X1-1	3 R6-1L	2 R6-1L	7of14 1 R2-1	2 R5-1a	60f14		2 W9-2TR	ther 50f14 1 W9-2TR	6 R2-1	on I	4 W8-13qT	3 D21-1TR	2 R5-1a	40f14 1 R5-1a		or do	33 R1-1	32 R1-1	MIT I	3of14 31	ş	PLAN SHEET SIGN SIGN	
RIGHT LANE MUST TURN RIGHT	RIGHT LANE MUST TURN RIGHT		ONE WAY	STOP	ONE WAY	DO NOT ENTER	CO NOT ENTER	FO	SOUTH FM 3349	OO ITIL	WRONG WAY	WRONG WAY	DO NOT ENTER	DO NOT ENTER		ONE WAY	ONE WAY	SPEED LIMIT 65	WRONG WAY	MRCING TAI	WDONO WAY	LANE ENDS MERGE RIGHT	LANE ENDS MERGE RIGHT	SPEED LIMIT 65	SIGN OMITTED	BRIDGE MAY ICE IN COLD WEATHER	CR 132 →	WRONG WAY	WRONG WAY		STOP	STOP	STOP	- M CC 10	NORTH EN 33/0		SIGN	
36X36 X	36X36 X	25/35	54X18 X		54X18 X	36X36 X	00000		24X24 X		42X30 X	42X30 X	36X36 X	36X36 X	Ц	54X18 X	54X18 X	30X36 ×		V OEVO	42X30 X	36X36 X	36X36 X	30X36 X		36X36 X	54X12 X	42X30 X			36X36 X	36X36 X	36X36 X		24X12 X	FLAT ALUM	DIMENSIONS	TYPE A)
10BWG		1 DEED	10BWG		1 OBWG	10BWG		10BWG		10BWG	1 OBWG	10BWG	10BWG	108%6		1 OBWG	1 OBWG	- CB			1 0BWG	1.0BWG 1	10BWG 1	10BWG		10BWG	10BWG	108WG		1 OBWG	1 OBWG 1	1 OBWG 1	1 OBWG		10BWG	EXAL ALLWAY FAR F 1 DBYG 1088 10 BWG = 10 BWG Soh 80	g	SM RD
1 SA	O.A.	And Management	1 SA		1 SA	1 SA		1 SA		SA	1 SA	1 SA	1 SA	JA		1 SA	1 SA	ų,		SA	1 SA	SA	SA	1 SA		SA	SA SA	SA SA	2. 5	60	SA	SA	SA		SA	2 SA=SIIp WS=Wedg		
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		***************************************			ВМ											BM															BM	BM	ax	2		WC = 1.12 #/ft Wing Channel EXAL= Extruded Alum Sign Panels	ATED 1EXT or 2EXT = # of EXT	
			<b>▶</b>																																	TY = TYPE TY S	(See	BRIDGE MOUNT CLEARANCE
8-16 DIST COUNTY SHEET NO. B-16 AUS WILLIAMSON 3.9	NEVISIONS	11	SSSS		SWALL SIGNS	SUMMARY OF		225 The second contract of the second contrac	Thereard Thereard and Thereard	NO. DATE REVISION	1 2/21/23 CO #2				Signs General Notes & Details SMD(GE	<ol><li>For Sign Support Descriptive Codes, see Sign Mounting Details Small Roadside</li></ol>	Assembly (bwcs/standard sheet.	2. For installation of bridge mount electance signs, see Bridge Mounted Clearance Sign		otherwise shown on the plans, the Contractor shall stake and the Engine	secure a more desirable location or	may shift the sign supports, within design guidelines, where necessary to	on the plans, except that the Engline	NOTE:		http://www.txdot.gov/	The Standard Highway Sign Designs for Texas (SHSD) can be found at			Greater than 15 0.125"			Square Feet Minimum Thickness	ALLIMININ STON BLANKS THICKNESS		THE PROPERTY OF THE PROPERTY O	NOT FOR CONSTRUCTION	





PENTABLE: 102545/5.16/ PLOT DRIVER: TXDOT\_PDF\_BN.pltdg TINE: 2J6:2I PM SCALE: 1:100 USER: BRTORRES DATE: 2/27/2023 FILE: Alignment Data Linear PT ( PC ( Tangent Dir Linear POB ( PC ( Tangent Dir Tangent PCPPC PROPERTOR Widdle PCPCQ CULVERT 22222 99+41.66 90: 5 39\*48'47.44', E 758:3443' VERT 3 CL " S 60° 32' ωωωωω 18\* 25\* 65. 29\* 16. 25 67+76. 83 68+08. 72 100.0000 100.0000 17. 31 49+75.63 67+76.83 262.4 1801.2015 68+34.22 68+50.27 160+66.05 18.2 18.2 31.836 31.836 31.8510 31.6510 31.2638 1.2638 1.2638 1.2638 1.2638 1.2638 1.2638 1.2638 1.2638 96+82.18 99+05.49 '11.62" E 223.3115 96+50.01 96+66.23 CL Right Loft 10174120-10174105-10174107-10174089-10175906.536 = ED 2222 10174089.611 Right Right 10171166. 10171157. 10171079. 10171143. 10171275. 10171287. 10171283. 10171188. 101711275. 10171323.214 10171143.095 10171098.279 NORTHING CHANNEL 989 611 176 393 489 974 954 954 974 134 140 067 095 3193555.503 3192914.549 3193100.006 3193130. 193324. 193326. 193225. 193324. 193318. 550 193316. 459 193317. 681 193319. 355 3193352.115 3193389.472 MMMM EASTING 1193324. 1193340. 1193275. 1193352. 193100. 193115. 193080. 193130. EASTING 994 743 833 489 408 115 489 931 CHANNEL Linear POB ( PC ( Tangent Dir Linear POE Tangent PROPERTY OF 9 Middle PRPRA PCPCIQ CUL LVERT 96+45-19 99+21-51 S 37-41'01-82" E 276-3202 37-41 52-18 38-44 39-48 78-26 11-33 58-03 52-18 37-41 39\* 48' 78" 26' 99+23.51 99+25.23 99+25.23 99+25.23 99+25.23 99+25.23 99-N 99+25-23 100+00.00 8,10+00.00 14-7702 1-1702 STATION 68+66.05 85+99.62 262.3\* 1733.5713 058772 86+62-56 80.000 71-6 6.29363 33.1936 61.3253 61.3253 61.72-3 61.72-3 7.72-3 7.73-3 7.73-3 85+99.62 86+32.82 87+64.41 87+97.74 88+27.57 88+27.57 71.68 63.31538 61.558 61.558 61.5164 61.5164 61.5267 71.68 2 0007140045 0007140001 000714001 000714001 000714001 000714001 000714001 000714001 000714001 000714001 206 RI ght 10171450.771 10171414.132 10171155.713 Lef+ 10171414. 10171406. 10171316. 10171377. R1ght Lef+ 10172314. 10172281. 10172303. 10172255. CHANNEL 10171158. 10171157. 10171219. 10171155. Œ, 10172255. 10171377.290 10174032.489 0000 CHANNEL 172174. 172147. 172125. 172114. 132 689 159 931 411 411 741 741 3192932.090 3193111.252 3193341.598 3193389.472 3193324.833 3193170.357 3193 MMMM 193339. 193340. 193418. 193341. 193111.252 193147.648 193091.217 193170.357 193091. 193086. 193170. 193107. 9393 EASTING 1088 1089 1089 866 078 260 502 956 956 991 UED PROPERTY OF PROPERTOR PROPER Middle  $\triangleright$ Radius:
Rei (Arc):
Length:
Length:
Ingent:
Congent:
Conge \_VERT C 98+66. 43 98+70. 19 100-0000 57-3 3-7164 1-3-7164 94+11.58 94+74.60 95+30.09 195+30.09 45.6 119.3212 116.30193 116.7090 11.7090 88+27.57 94+11.58 262.1 584.0175 æ 10171424.142 10171158.611 Lef+ 10172114. 921 10171536. 437 Lef+ 10171158. 10171157. 10171219. 10171155. 10171536. 10171474. 10171515. 10171424. 10171155.713 CHANNE JC DECK PROCK PROC 0 1437 142 140 741 713 STATE
TEXAS
CONTROL
3486 ALIGNMENT DATA 3193184.502 3193104.297 3193341.598 3193104-1 3193095-1 3193252-1 3193134-1 3193134.167 3193339.272 193339. 193340. 193418. 193341. J AUS SECTION Department of CONT FМ 297 643 876 598 3349 TO HER INUED WILLIAMSON )R Engineering, It Heaters Crossing, Surta of Rook, Texas 78881 is Registered Engineering Transportation

1 OF 2
HIGHMAY
NO.
FM 3349
SHEET
NO.

346

Inc. 150 4 Fam F-754

PENTABLE: 10254515.1bl DATE: 2/27/2023 TIME: 2/6:33 PM PLOT DRIVER: TXDOT\_PDF\_BW.pHcfg SCALE: 1:100 USER: BRTORRES FILE: NB & SB Drainage Dilch Plan and Profile Sheet 6 640 620 630 640 RT DITCH MATCH LINE FM3349 STA 471+00 MATCH LINE © FM3349 STA 471+00 MATCH LINE FM3349 STA 471+00 1475+00 628.96 627.78 EXIST ROW EXIST THESMI-11 630.8 힣 DRN ROW 629.16 627.99 ESMT 9.41% 631.09 0.44% 629.37 628.20 0. 42% RIPRAP (STONE INLET (COMPL) (BACKLESS)

B-NB-BI-09
B, NBF SIA 1476+06,00

THICKNESS (18 IN)

13 CY 631.31 629.57 628.41 INLET (COMPL) (BACKLESS)

-SBFR STA 2475-40.

-SBFR STA 2475-40.

-STRIPRAP (STONE PROTECTION) (12 14):

THICKNESS (18 25 CY 631.53 E PROTECTION) (24 IN) — THICKNESS (36 IN) W/ 6'Wx6'H TOEWALL NBFR DITCH LT OF WARNING: GAS PIPELINE 629.78 628.62 1476+06.00 RE PROTECTION) (12 IN) 631.74 629. 98 628. 83 CENTER RIPRAP ON OFF-SITE FLOWLINDO(報子) 631.96 630. 19 629. 04 632.18 2475+00 2475+00 DITCH RT OF E-630.39 629.25 475+00 632.40 11 **6888** INLET (COMPL) (BACKLESS)—
B-NB-B1-10
B-NB-B1-10
B NBFR STA 1481-35.00
[X]RIPRAP (STONE PROTECTION) (12 IN)
THICKNESS (18 IN)
13 CY 630.60 629.46 RIPRAP (STONE PROTECTION) (24 IN)

W RIPCONESS JOS INI

W RIPCONESS JOS INI

W RIPCONESS JOS INI

RIPCONESS JOS INI

RIPCONES JOS INI

RIPCONESS J NBFR DITCH LT OF B 632.62 SEE DRAINAGE DETAILS—FOR TYPICAL SECTION 630. 80 629. 67 PR CHANNEL3 \_ € FM3349 632.84 NBFR EXIST GROUND DITCH RT OF 631.01 629.88 633.06 631.21 630.09 633.28 NBFR 631.42 630.30 EXIST GROUND - 100 633.50 FL 633.50' 2478+06.82 FL 631.65' 631.62 630.51 DITCH LT OF USTA 1481+50.0 DITCH LT — B SBFR 631.80 630.72 유 SBFR CHANNEL 3 LT 631.98 630.93 0.42% ----632.15 631.14 OF B 2480+00 632.33 631.35 480+00 ARNING: 632.50 631.56 GAS PIPELINE 632.68 631.77 1485+00 632.85 631.98 PC EXIST ROW EXIST ROW ₽ 633.03 632.19 MATCH LINE © FM3349 STA 482+00 MATCH LINE © FM3349 STA 482+00 MATCH LINE © FM3349 STA 482+00 640 630 640 650 610 620 620 Texas L SCALE: 1"=100"

DCSTON

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GRAPHICS

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STATE

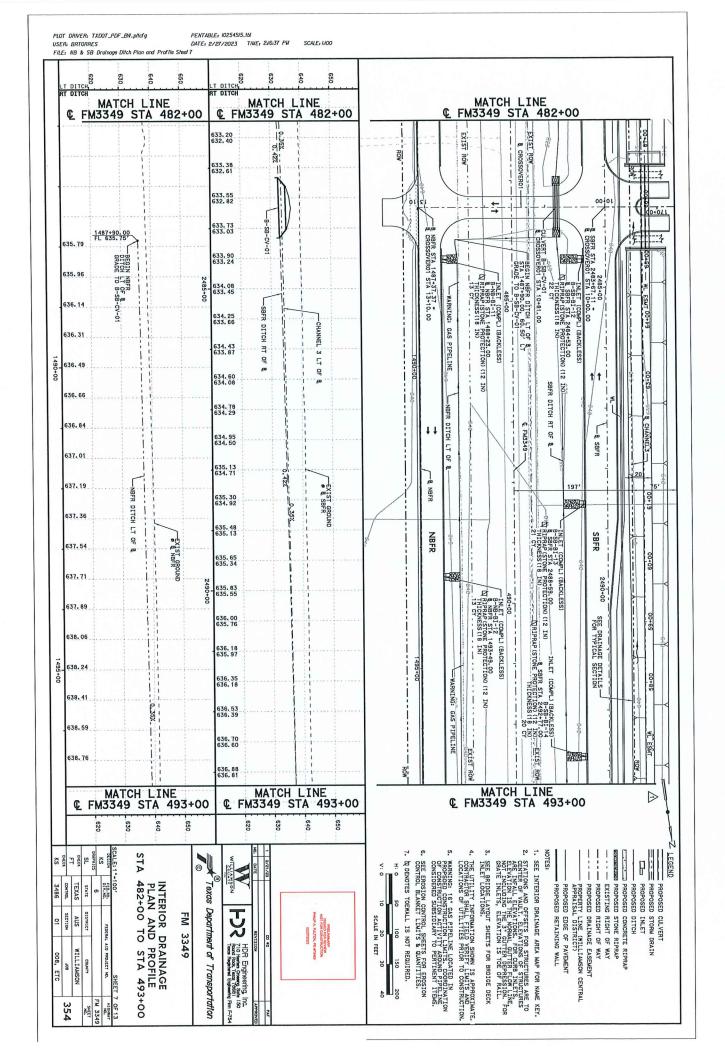
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3486 STA LEGEND STATIONS AND OFFSETS FOR STRUCTURES ARE TO CENTER OF VAULT. ELEVATIONS OF STRUCTURES ARE THALL ELEVATIONS. FOR CURB INLETS, ELEVATION IS THE MORAL GUTTER FLOW LIKE, NOT INCLUDING THE 3" GUTTER DEPRESSION. FOR GRATE INLETS, ELEVATION IS TOE OF RAIL. A DENOTES TOEWALL IS NOT REQUIRED. SEE EROSION CONTROL SHEETS FOR EROSION CONTROL BLANKET LIMITS & QUANTITIES. WARNING: 16" GAS PIPELINE LOCATED IN PROPSOED CONSTRUCTION LIMITS. COORDINATION OF CONSTRUCTION ACTUVITY AROUND PIPELINE CONSIDERED SUBSIDIARY TO PERTINENT ITEMS. THE UTILITY INFORMATION SHOWN IS APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY LIMITS AND LOCATIONS OF UTILITIES PRIOR TO CONSTRUCTION. SEE BRIDGE LAYOUT SHEETS FOR BRDIGE DECK INLET LOCATIONS. SEE INTERIOR DRAINAGE AREA MAP FOR NAME KEY. NO CHANGE DI PROPOSED CONCRETE RIPRAP
SE PROPOSED STONE RIPRAP
EXISTING RIGHT OF WAY
PROPOSED RIGHT OF WAY
PROPOSED DRAINAGE EASEMENT STATE
TEXAS
CONTROL
3486 INTERIOR DRAINAGE PLAN AND PROFILE 471+00 TO STA 482+00 PROPERTY LINE (WILLIAMSON CENTRAL APPRAISAL DISTRICT)
PROPOSED EDGE OF PAVEMENT
PROPOSED RETAINING WALL Department of Transportation HDR Engineering, Inc.
710 Honton Crossory, Surin 150
Tacan Royal Price 1708 1909
Texas Regulated Engineering Firm F-754 AUS SECTION 01 D CULVERT
D STORM DRAIN
D INLET FM 3349 SCALE IN FEET DITCH WILLIAMSON ETC SHEET 6 OF 13
NO. HIGHWAY
FM 3349
SHEET
SH å**.**L18



PENTABLE: 10254515.161 PLOT DRIVER: TXDOT\_PDF\_BW.pltcfg USER: BRTORRES
FILE: NB & SB Dro DATE: 2/27/2023 TIME: 2/6:49 PM SCALE: 1:100 620 640 650 RT DITCH T DITCH MATCH LINE FM3349 STA 493+00 MATCH LINE FM3349 STA 493+00 TCH MATCH LINE FM3349 STA 493+00 \_\_\_\_EXIST ROW\_\_\_\_\_ 197' INLET (COMPL) (BACKLESS)

B NBFR STA 1499+1.00

R NBFR PSTA 1499+1.00

R PROTECTION (12 IN)

THICKNESS (18 IN)

EXIST ROW ROW GAS PIPELINE 639.11 637.23 637.23 1 1 INLET (COMPL) (BACKLESS)

B-SB-91-15
B-SB-91-15
B-SBFR STA 2486-37-00
QRIPRAP (STONE PROTECTION) (12 IN)
THICKNESS (18 IN)
19 CY SEE DRAINAGE DETAILS —/
FOR TYPICAL SECTION 639.29 55+00 637.40 637.44 639.46 2495+00 637.58 637.65 SBFR DITCH RT OF .-639.64 637.75 637.86 NBFR-INLET (COMPL) (BACKLESS)

8. NBFR STA B-NB-81-14

8. NBFR STA B-NB-81-10

PROTECTION (STONE
PROTECTION (2 IN)

"HICKNESS (18 IN) LE SBFR 639.81 637.93 638.07 500+00 639.99 638.10 638.28 INLET (COMPL) (BACKLESS)
B-NB-B1-15
B NBFR STA 1502-45-00
[NRIPRAP (STONE PROTECTION) (12 IN)
THICKNESS (18 IN)
11 CY INLET (COMPL) (BACKLESS)

8 SBFR STA 2498-17-00

7 NETPAP (STOKE
PROTECTION) (12 IN)
PHOTECTION) (12 IN)
THICKNESS (18 IN)
(32 CY) INLET (COMPL) (BACKLESS)

B-SB-B1-17

B-SB 640.16 638. 28 638. 49 SBFR -GRADE 10:1 TO EXISTING GROUND & SBFR STA 2499+31.10 640.34 DITCH RT OF &-638.45 638.70 NBFR 640.51 DITCH LT OF & END CHANNEL 638.63 638.91 LT OF B DITCH LT OF & NBFR 640.69 638.80 639.12 -€ FM3349 SBFR - 20 40.86 638.98 639.33 2499+33.00 FL 639.10' 641.04 INLET (COMPL) (BACKLESS)
B-SB-9I-18
B-SB-9I-18
B SBFR STA 2499+24,00
NGTPRAP (STONE PROTECTION) (12 IN)
THICKNESS (18 IN) 640.71 639.54 SOOLOO
INLET (COMPL) (BACKLESS)

INLET (COMPL) (BACKLESS)

R NBFR STA 1505-80.00

R NBFR STA 1505-80.10

THICKNESS (B. N)

THICKNESS (B. N) 2499+81.00 FL 643.65 PCO SFT LEFT C-SB-CI-01 E SBFR STA 2501+42.94 1503+50.00 FL 641.21 641.21 EXIST GROUND 2500+00 2499+80.00 FL 639.67' 643.26 639.51 2500+00.00 FL 643.26 -BEGIN SBFR DITCH LT OF & STA 2500+00.00 641.04 BEGIN SBFR DITCH LT OF B 643.01 639.12 640.86 642.76 638.73 -SBFR DITCH EXIST GROUND L\_INLET (COMPL) (BACKLESS)
C-NB-B1-01
B. NBFR STA 1504+56, 00
DRIPRAP (STONE PROTECTION) (12
THICKNESS (18 IN)
12 CY 640.68 SBFR DITCH LT OF & 642.51 638.34 -P-SB-01 SETP-CD 18IN 6:17 SBFR STA 2502+91.00 87.04' RT PCO 5FT LEFT — E SBFR STA 2502+90.88 — 23.03, LT — 23.03, LT — 23.03, LT — 23.03, LT — 25.03, LT — 25. 640,50 STA 2501+43.00 INLET (COMPL.) (BACKLESS) —
C-NB-B1-03

R. NBFR STA 1507+34-03

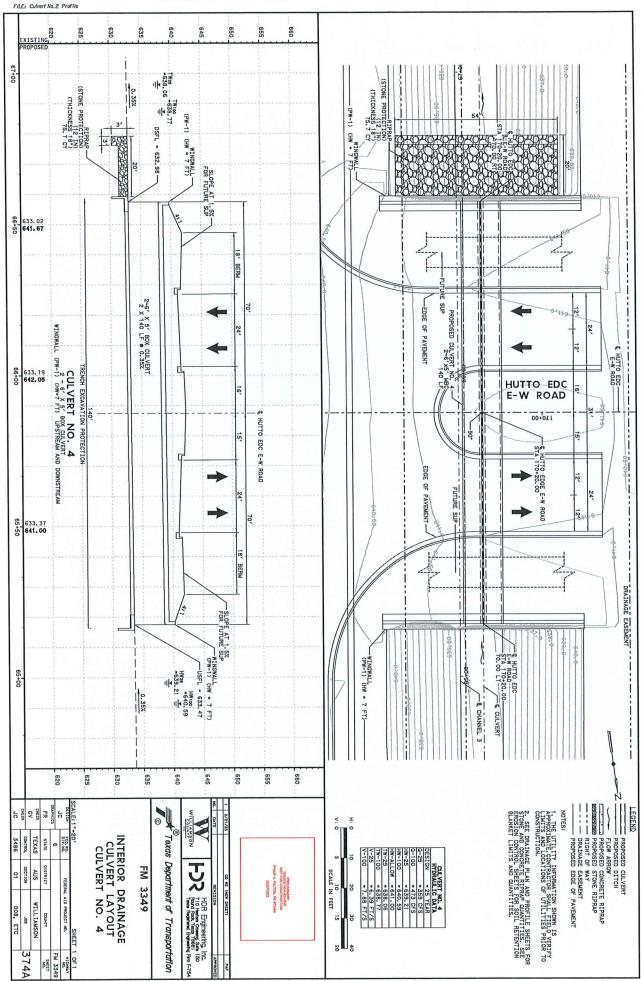
R. NBFR STA 1507+34-03

ROTICATION (12 IN)
THICKNESS (18 IN)
THICKNESS (18 IN) 642.26 637.94 EXIST ROW 640.33 642.01 637.55 WARNING: GAS PIPELINE 640.15 K 641.76 -0. Z8% P-SB-02 -0.50X NB-UT 639.97 WL\_ESMT\_--0. 36% EXIST 641.51 636.77 ROW 639.79 R Q¦ 1 11 MATCH LINE © FM3349 STA 504+00 & FM3349 STA 504+00 639, 61 MATCH LINE © FM3349 STA 504+00 620 630 640 650 640 650 620 0 STA 4 1. SEE INTERIOR DRAINAGE AREA MAP FOR NAME KEY KS KS CHAPHICS SL CHECK FT CHECK MILLIAMESON STATIONS AND OFFSETS FOR STRUCTURES ARE IT CENTER OF VALIT. ELEVATIONS. FOR CURB INJETS. ELEVATIONS. FOR CURB INJETS. ELEVATION IS THE NORM. EUTER FLOW ILFE, NORM. EMPRESSION. FOR CURB INJETS. ELEVATION IS THE NORM. EMPRESSION. FOR CURB INJETS. ELEVATION IS TOO OF ANIL FOR MATERIAL INJETS. A DENOTES TOEWALL IS NOT REQUIRED. SEE EROSION CONTROL SHEETS FOR EROSION CONTROL BLANKET LIMITS & QUANTITIES. WARNING: 16" CAS PIPELINE LOCATED IN PROPSOED CONSTRUCTION LIMITS. COORDINATION OF CONSTRUCTION ACTIVITY AROUND PIPELINE CONSIDERED SUBSIDIARY TO PERTINENT ITEMS. THE UTILITY INFORMATION SHOWN IS APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY LIMITS AND LOCATIONS OF UTILITIES PRIOR TO CONSTRUCTION. SEE BRIDGE LAYOUT SHEETS FOR BRDIGE DECK INLET LOCATIONS. XXXX PROPOSED STONE RIPRAP

— EXISTING RIGHT OF WAY

— PROPOSED RIGHT OF WAY

— PROPOSED DRAINAGE EASEMENT TEXAS
CONTROL
3486 INTERIOR DRAINAGE
PLAN AND PROFILE
493+00 TO STA 504+00 Texas PROPOSED CULVERT PROPOSED STORM DR PROPOSED RETAINING WALL PROPERTY LINE (WILLIAMSON CENTRAL APPRAISAL DISTRICT) PROPOSED EDGE OF PAVEMENT PROPOSED CONCRETE RIPRAP PROPOSED DITCH Department of Transportation HDR Engineering, Inc.
710 Heaton Covery, Sun 150
Road Road, Trace 70891
Texts Registered Explorating Firm F-754 FM 3349 AUS SCALE IN FEET DRAIN WILLIAMSON 008, ETC SHEET 8 OF 13
NO. HIGHWAY
FM 3349
SHEET
SHEET \$ L 28



DISCLAIMER:
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SBFR CULVERT NO. 1 US (L+)
SBFR CULVERT NO. 1 DS (R+)
SBFR CULVERT NO. 2 US (L+)

1 ~ 10' X 4'

8. 92' 8. 92'

SCP-10

0 0

(SL:1) 4:1

4.083

N/A N/A N/A

19.333 19.333 35.667

N/A 23. 833 N/A 54. 919

0.5 0.3 (CY)

6.9 43.1 6.9 42.3

106 636 106 602

41.248

0.0 6.4 2.5

5.3

54.919

N/A

5.167 0.0 0.0

5.0 N/A 27.2

Þ

of End of Wingwall (Ft)
N/A
N/A
N/A
N/A
N/A

(Ft) 11.667

Class (2) "C" Conc (Curb)

Class (3)
"C"
Conc
(Wingwall)

Total Wingwall Area

(CX)

(SF)

Atw Anchor Toeswall Length (Ft) N/A N/A N/A N/A

Hw (1)
Height
of
Wingwall

0

8" 10" 10" (*In*)

10" 10" 10"

2. 625 0.583 4.083 0.583

7. 292 8.917

N/A

N/A

27.000 13.750 N/A 0.0 1.0 49.2 730

N/A

1.000

6.750 2. 625 5.542 5.167 5.167 (Ft)

SCP-10

No. Spans ~ Span X Height

2 ~ 10' X 4' 2 ~ 10' X 4' 1 - 10' X 4'

8. 92' 8. 92' 7. 45' 5. 7'

SCP-10 SCP-10 SCP-8 SCP-8

1 ~ 4' X 2' 1' 2 - 6' X 5'

SCP-4

SETB-CD SW-0 PW-1 PW-1 PW-1 O-WS

0 8 8 0

4: 1 4:1 4: 4: 1 4:

œ\_

MC-6-16

4 ~ 8' X 4' 4 ~ B' X 4' Culvert Station and/or Creek Name followed by applicable end (Lt, Rt or Both)

Description of Box Culvert

Max Fill Height (Ft)

Applicable
Box
Culvert
Standard

Applicable Wingwall or End Treatment Standard

Skew Angle (0°,15°, 30° or 45°)

BFR CULVERT NO. 3 US (L+) SBFR CULVERT NO. 2 DS (R+)

CULVERT NO. 4 (BOTH)

NOTES: Stew = 0" on SW-0, FW-0, SETB-CD, SETB-SW-0, and SETB-FW-0 standard sheets: S0" maximum for safety end treatment

 SL:1 = Horizontal : 1 Vertical
 Side slope at culvert for flared or straight wingwalls.
 Channel slope for parallel wingwalls.
 Slope must be 3:1 or flatter for safety end treatments. T=Box culvert top slab thickness. Dimension can be found on the applicable box culvert standard sheet

U=Box culvert wall thickness. Dimension can be found on the applicable box culvert standard sheet. C = Curb height

See applicable wing or end treatment standard sheets for calculations of Hw, A, B, Lw, Ltw, Atw, and Total Wingwall Area. Hw = Height of wingwall

A = Distance from face of curb to end of wingwall (not applicable to parallel or straight wingwalls)

Lw = Length of longest wingwall.B = Offset of end of wingwall (not applicable to parallel or straight wingwalls)

Ltw = Length of culvert toewall (not applicable when using riprap apron)

Atw = Length of anchor (bewall (applicable to safety end treatment only). Tokal Wingwall Area = Wingwal area in sq. ft. for two wingpoals (one structure end) if Lt or for any other and of the other wingwalls (two structure ends) if Both.

(1) Round the wall heights shown to the nearest foot for bidding purposes.

② Concrete volume shown is for box culvert curb only. For curbs using the Box Culvert Hall Mounting Details (RMC) standard sheet very large. Ones is concrete is required for the top slab of the culvert, also provide Class S concrete for the top slab of the culvert. Also provide Class S concrete for the top slab of the Culvert for payment.

(a) Regardless of the type of culvert shown on this sheet, the Contractor has the pulvints unless otherwise the Contractor has the pulvints unless otherwise shown a steember on the plans. If the Contractor shown on this sheet, it is the Contractor's responsibility to make the necessory adjustments to the dimensions and quantities shown. (a) Concrete volume shown is total of wings, footings, culvert toewall (if any), anchor toewalls (if any) and wingwall toewalls, fignop a prons, culverts, and curb quantities are not included.

Texas Department of Transportation

Bridge Division Standard

BOX CULVERT SUPPLEMENT

WINGS AND END TREATMENTS

| DN TXD0T | CC: TXD0T | DN: TXD0T | CC: T

AUS WILLIAMSON

401

DISCLAIMER:
The use of this standard is governed by the "Texas Engineering Practice Act". No marranty of any mind is made by TyDDI for any purpose whatsoever, TyDDI assures no responsibility for the conversion of this standard to other formals or for incorrect results or danages resulting from its use. DATE: 2/27/2023 2:16:56 PM FILE: 9FILE9 NUMBER OF SPANS Š SECTION DIMENSIONS x c 108 #6
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10 No. Size Spa Bars 13-6" 2.190 1084 123-6 108 4 23-6 Length ... | 108 | #5 | 9 | 6-7" | 742 | 6-8" | 751 | 108 | #6 | 9" | 6-9" | 1,093 | 108 | #6 | 9" | 16-9" | 204 | 108 | 46 | 9" | 15-9" | 204 | 108 | 45 | 9" | 6-7" | 742 | 6-8" | 751 | 108 | #6 | 9" | 15-9" | 3,044 | 108 | #5 | 9" | 6-7" | 742 | 6-8" | 751 | 108 | #6 | 9" | 15-9" | 3,044 | 108 | #5 | 9" | 6-7" | 742 | 6-8" | 751 | 108 | #6 | 9" | 6-9" | 4,011 | 108 | #5 | 9" | 7-7" | 854 | 6-8" | 751 | 108 | #6 | 9" | 6-9" | 1,099 | 108 | #5 | 9" | 7-7" | 854 | 6-8" | 751 | 108 | #6 | 9" | 24-9" | 4,011 | 108 | #5 | 9" | 7-7" | 854 | 6-8" | 751 | 108 | #6 | 9" | 24-9" | 4,011 | 108 | #5 | 9" | 7-7" | 854 | 6-8" | 751 | 108 | #6 | 9" | 24-9" | 4,011 | 108 | #5 | 9" | 7-7" | 854 | 6-8" | 751 | 108 | #6 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | #5 | 9" | 12-9" | 3,044 | 108 | 40 | 9" | 3,044 | 108 | 40 | 9" | 3,044 | 108 | 40 | 9" | 3,044 | 10 No Size Spa Bars C Bars C & D W 3.M BILLS Size OF REINFORCING 5pa Bars E Length 
 G - 97
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 W. No. Bars F1 - #4 Spa STEEL (For ¥, No. Box Length Bars F2 ~ Spa Length #4 Wt H No. 40 Bars M ~ Spa feet) #4 × No. Spa Bars Y & 155 5-3 189

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 APPROVED Length Bars H 4 ~ #4 MULTIPLE BOX CULVERTS

CAST-IN-PLACE
6'-0" SPAN
2' TO 20' FILL W Texas Department of Transportation Bars K No. 3,74 LOADING (CX) ور م er Foot Barrel | CAN Renf (Lb) QUANTITIES 
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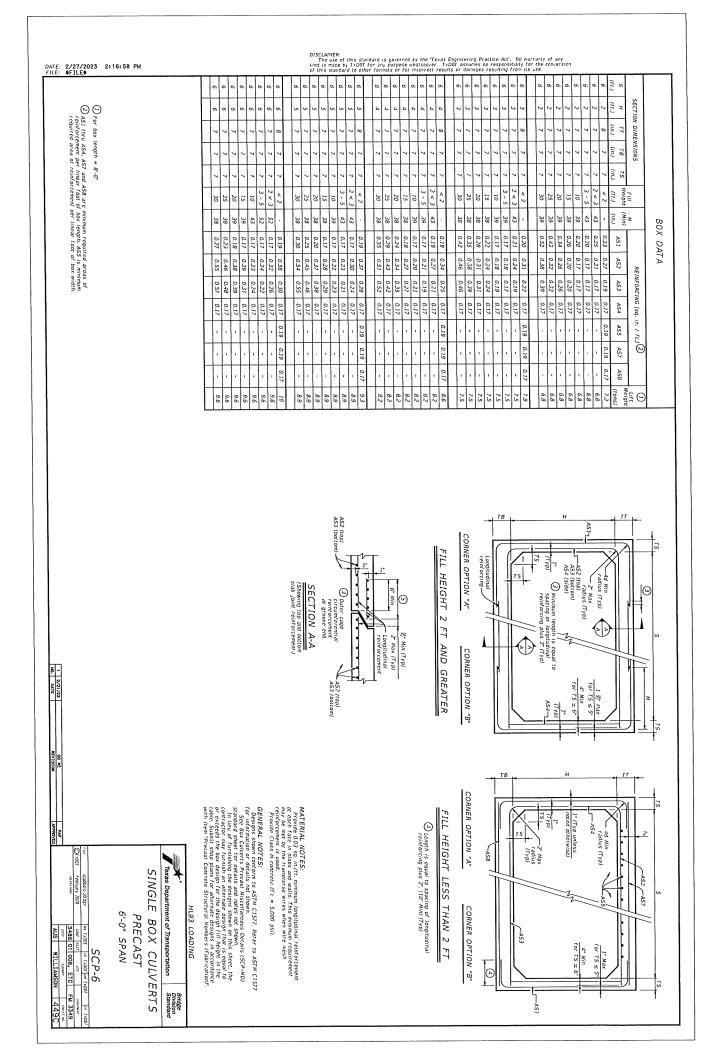
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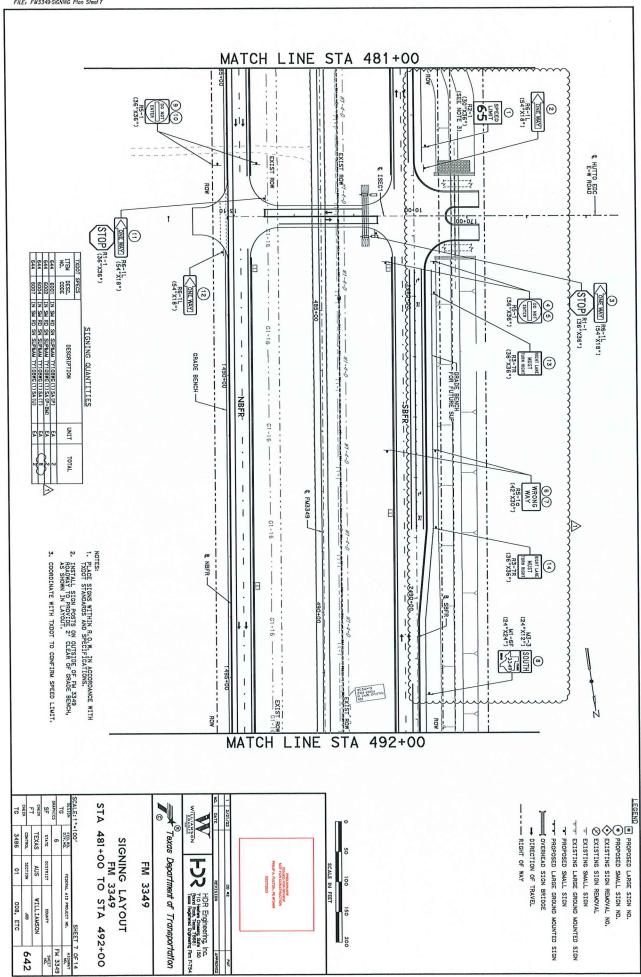
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 17 MC-6-20 CAS SHEET Curb (Lb) 2 OF 2 (CX) Conc Bridge Division Standard Total Rent (Lb)





PLOT DRINER: TXDOT\_PDF\_BN.pildg PENI USER: GUMARTIN DATE FILE: FM3349-IllumInation Plan - STA 48H00 to STA 492-00 PENTABLE: 10254515.1bl DATE: 2/20/2023 TIME: 6.07:29 PM SCALE: 1:100 EXIST ROW ROM LSTXA RO RO! ESSZEVIZ SERVICE ES2 ES2 4 (8) SERVICE POLE NO. **13** SEGMENT No. 485+00 ROADWAY ILLUMINATION ASSEMBLY SUMMARY STATION OFFSET CONDUCTORS AND CONDUIT STAMARY

EXEMENT CONDUIT (LF) CONDUIT (LF) ORZO-6008 ORZO-6008

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EXECUTIO Charles of the same GROUND BOX STA 484+58,00 100,00 LT (FMS349) ROM 0416 6029 DRILL SHAFT (RDWY II 0432 6001 RIPRAP (CONC) (4 IN) 0610 6216 IN RD IL (TY SA) 40 0618 6023 CONDT (PCC) (SCH 40) 0620 6007 ELEC CONDR (NO.8) B) 99. 00 RT (FM3349) (TYPE SA 40 T-10 (250W EQ) LED 93. 75 LT (FM3349) (TYPE SA 40 T-10 (250W EQ) LED -NBFR--SBFR -DESCRIPTION
DESCRIPTION
DY ILL POLE) (30 IN) 01-16 40T-10 (250W EQ) LED SSEMBLY TYPE GROUND BOX STA 488+88.00 112.00 LT (FAC349) ----1 € FM3349 UNIT QTY

LF 1,26

EA 1,26

LF 2190

EA 2190

EA 2190 NOTES G1-16 NBFR. EXIST ROW 490+00 1. ALL WORK SHALL BE COMPLETED ACCORDING TO THE MOST CURRENT TOOT STANDARDS, UTILITY COMPANY STANDARDS, AND THE NATIONAL ELECTRIC COOE. MYTIMUM OF 4" HORIZONTAL NO VERTICAL MOVELENT.

MACHINE COMPUTIT COMPLINE SIML ALONG TOR TO SET FOR THE STATE OF THE SET FOR T REFER TO ILLUMINATION SUMMARIES, SCHEMATICS, TXDOT STANDARDS FOR ADDITIONAL INFORMATION. THE COMPACTOR SULL VERETY BITH THE UTILITY COMPANIES THE EXCENT LOCAL TIME OF RECESTION.

PROCESSED JUDICIARION COMPANIES OR DAMAGE TO THE LOCAL TIME COMPANIES OF THE LOCAL THE LOCAL THE COMPANIES OF THE LOCAL THE LOCAL THE COMPANIES OF THE LOCAL THE COMPANIES OF THE LOCAL THE COMPANIES OF THE EXCENTING PROPOSED UTILITIES. PROPOSED ABOVE GROUND NEWA 3R JUNCTION BOXES SHALL NOT BE PAID FOR DIRECTLY, BUT SHALL BE SUBSIDIARY TO THE VARIOUS BID ITEMS. REFER TO BRIDGE DRAWINGS FOR EXACT LOCATION OF BRIDGE MOUNTED ILLUMINATION ASSEMBLIES AND ASSOCIATED INSTALLATION DETAILS. 495+00 EXIST ROW ROM ROW **MATCH** INE STA 492+00 A P LLUMINATION LEGEND 오 P XXX——ILLUMINATION ASSEMBLY DESIGNATION (§) 0 - SERVICE POINT CIRCUIT DESIGNATION
- ELECTRICAL SERVICE DESIGNATION STA 0 CRM PKD PKD PKD FUTURE TOOT STANDARD ILLUMINATION ASSEMBLY 40 MONTHS HEIGHT FO FT. LUMINATE AND RIVATURE MALE LEGITING BRAZET, TIPE III DISTRIBUTION

DISTR CONDUCTORS/CONDUIT SEGMENT NO. CONDUCTORS IN CONDUIT RUN (BORED) CONDUCTORS IN CONDUIT RUN (EMBEDDED IN BRIDGE STRUCTURE) CONDUCTORS IN CONDUIT RUN (RIGID METAL CONDUIT) DISCONNECT SWITCH (NEWA 3R) ELECTRICAL SERVICE ASSEMBLY, TYPE A, 240/480 VOLT, 1 PHASE, STEEL POLE TADOT STANDARD ILLUMINATION ASSEMBLY, 40' MOUNTING HEIGHT, 10 FT. LUMINAIRE ARM, (1) LED LUMINAIRE (ZEOW EG), TRANSFORMER BASE, TYPE III DISTRIBUTION FUTURE TYPOT STANDARD ILLUMINATION ASSEMBLY, 40' MOUNTING HEIGHT, 10 FT. LUMINAIRE ARM, (1) LED LUMINAIRE (250W EQ). SHOE BASE TO BRIDGE BLISTER, TYPE III DISTRIBUTION CONDUCTORS IN CONDUIT RUN (TRENCH) GROUND BOX (NEMA 3R) GROUND BOX WITH APRON (NEW 3R) TYDOT STANDARD TYPE II UNDERPASS ILLUMINATION ASSEMBLY, (1) LED LUMINAIRE (150% EQ), TYPE III DISTRIBUTION JUNCTION BOX (NEW 3R). -100' FED. RD. DIV. NO. 481+00 TO STA 492+00 TEXAS
CONTROL
3486 Texas Department of Transportation ILLUMINATION PLAN PAUL K. DAVILA AUS SECTION 01 HDR Engineering, Inc.
710 Heaten Crowns, Sure 150
Floor Rook Treas 70889 150
Team Rogarized Engineering Film F-75-FΜ 101043 3349 AID PROJECT NO. 008, ETC

FM 3349 701

PENTABLE: 102545/5.16/ PLOT DRNER: TXDOT\_PDF\_BW.pltcfg USER: GUNATIN DATE: 2/20/2023 TIME: 6:10:54 PM FILE: FM3349-Illumination Plan - STA 492:00 to STA 503:00 SCALE: 1:100 | 170 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 MATCH LINE STA 492+00 ROM EXIST ROW EXIST ROM ROM 61-16 (3) GROUND BOX 5TA 493+BB,00 112,00 LT (FM5349) STA 493+88.00 172.00 LT (FMSS49) ₽ Q 1 495+00 (8) G1-16 ١ SERVICE
ES2
ES2
ES2
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ES2
ES2 ES2 SERVICE OUIE). 1) AERLIK SERVICE DROP (CONDUCTORS, SERVICE CRIPS, AND SERVICE CONNECTORS) OWED, INSTALLED AND SOMECTED TO SERVICE ENTRANCE CONDUCTORS BY UTILITY COMPANY. COMBINATE WITH UTILITY COMPANY RECURROMENTS. POLE NO. CIRCUIT - Mas 3. C1-16 ROADWAY ILLUMINATION ASSEMBLY SUMMARY SEGMENT LENGTH (LF) 46483 (3) E FACS49 182.00 LT (FM3349) 186.00 LT (FM3349) 170.25 RT (FM3349) -NBFR-SBFR-61-16 TYPE SA. 40 T-10 (250W EQ) LED
(TYPE SA. 40 T-10 (250W EQ) LED ⑻ #8 BARE (GROUND) (TYPE SA 40 T-10 (250W EQ) LED 1-1-1 ASSEMBLY TYPE (3) #8 XHHW (POWER) UTURN1-PROPOSED LOCATION OF UTILITY COMPANY TRANSFORMER POWER POLE G1-16 500+00 (4) ES2/0/16 -NOTES NOTES E UTURNI-1---- $\triangleright$ . THE CONTRACTOR SHALL YESTEY WITH THE UTILITY PROPOSED WITH SHARP OF EXISTENCE TO PROPOSED WITH SHARP OF THE CONTRACTION WAS TO THE CONTRACTION SHALL SELE THE APPROVAL OF THE GROUND CONFILE OF SHARP OF THE CONTRACTOR SHALL SELE THE APPROVAL OF THE GROUND SHALL SH . ALL WORK SHALL BE COMPLETED ACCORDING TO THE MOST CURRENT TODOT STANDARDS, UTILITY COMPANY STANDARDS, AND THE MATIONAL ELECTRIC CODE. MYZIMWY GE 4. HOUTGALLY WAD AELICAT MAADEN!.

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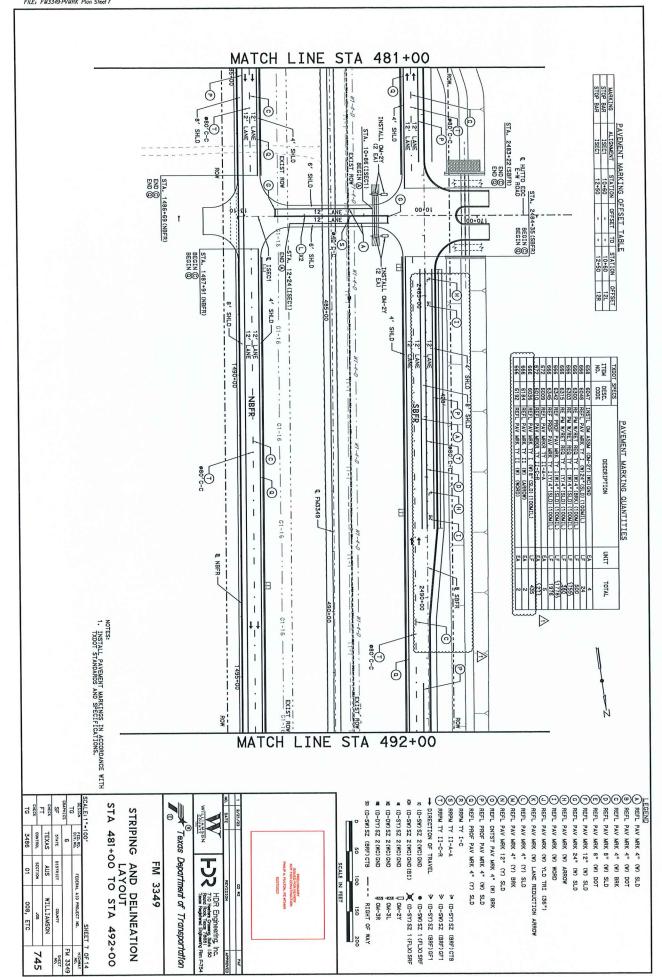
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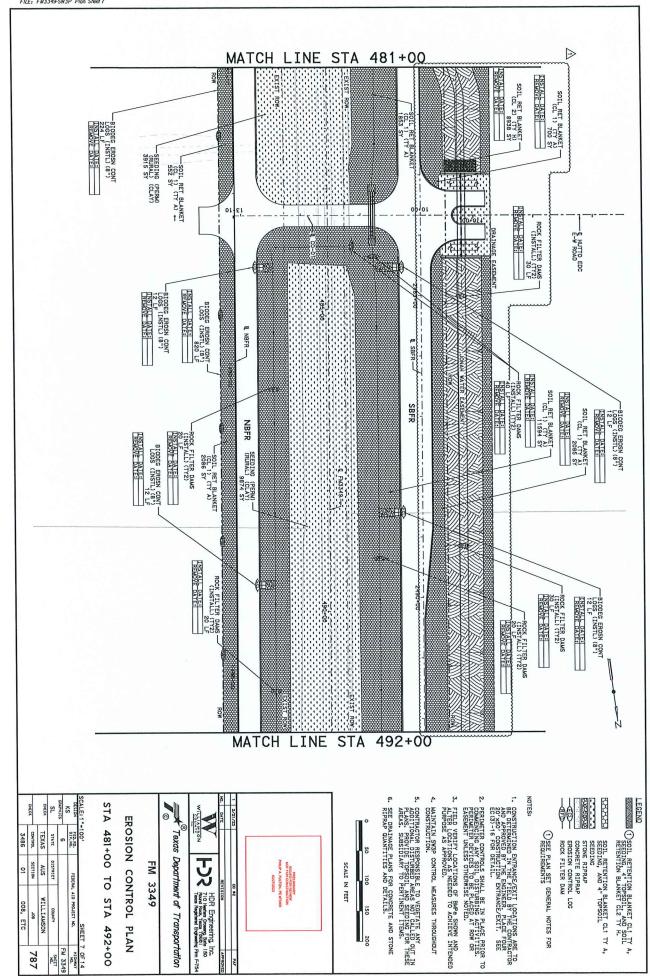
MATCH CONTROL

MATCH REFER TO ILLIMINATION SUMMARIES, SCHEMATICS, AND TXXXI STANDARDS FOR ADDITIONAL INFORMATION. PROPOSED ABOVE GROUND NEWA 3R JUNCTION BOXES SHALL NOT BE PAID FOR DIRECTLY, BUT SHALL BE SUBSIDIARY TO THE VARIOUS BID ITEMS. PROPOSED ELECTRICAL-SERVICE 'ES2' STA 503+00,00 -195,00 LT (FMC349) REFER TO BRIDGE DRAWINGS FOR EXACT LOCATION OF BRIDGE MOUNTED ILLUMINATION ASSEMBLIES AND ASSOCIATED INSTALLATION DETAILS. 190.00 LT (FM3349 EXIST ROW (8) Eszs ROM 503+00 STA LINE MATCH P 오 P (8) X/X/X---ILLUMINATION ASSEMBLY DESIGNATION 0 GRAM
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PKD STA SERVICE POINT CIRCUIT DESIGNATION
ELECTRICAL SERVICE DESIGNATION 0 WILLIAMSON FUTURE TODOT STANDARD ILLUMINATION ASSEMBLY, 40' MOUNTING HEIGHT, 10 FT. LUMINAIRE ARM, 11 LED LUMINAIRE (SOM ED), SIOE BASE TO BRIDGE BLISTER, TYPE III DISTRIBUTION CONDUCTORS IN CONDUIT RUN (RIGID METAL CONDUIT) FUTURE TAMOT STANDARD ILLIMITALTON ASSEMELY,
40' INDUSTRIE HEIGHT, 10 FT. LIMINATE ARM,
(1) LIDUATINA FALL LIGHTING BRACKET, TYPE III
DISTRIBUTION THE LIGHTING BRACKET, TYPE III CONDUCTORS/CONDUIT SEGMENT NO. CONDUCTORS IN CONDUIT RUN (BORED) CONDUCTORS IN CONDUIT RUN (EMBEDDED IN BRIDGE STRUCTURE) ELECTRICAL SERVICE ASSEMBLY, TYPE A, 240/480 VOLT, 1 PHASE, STEEL POLE CONDUCTORS IN CONDUIT RUN (TRENCH) DISCONNECT SWITCH (NEMA 3R) JUNCTION BOX (NEW 3R). GROUND BOX (NEWA 3R) GROUND BOX WITH APRON (NEW 3R) TADOT STANDARD TYPE II UNDERPASS ILLUMINATION ASSEMBLY, (1) LED LUMINAIRE (150% EQ), TYPE III DISTRIBUTION TXDOT STANDARD ILLUMINATION ASSEMBLY, 40'
MOUNTING HEIGHT, 10 FT. LUMINAIRE ARM, (1)
LED LUMINAIRE (250W EQ), TRANSFORMER BASE,
TYPE III DISTRIBUTION 492+00 Texas Department of Transportation ILLUMINATION PLAN HDR Engineering, Inc.
710 Harten Crossing, Surin 150
Round Rook, Taxon 76881
Texas Registered Explosering Firm F PAUL K. DAVILA FM 3349 AUS 5 WILLIAMSON STA 503+00 008, ETC

702 NO.



PLOT DRNER: TXDOT\_PDF\_BN.pitcfg USER: BRTORRES FILE: FM3349-SW3P Plan Sheel 7



PLOT DRNER: TXDOT\_PDF\_BW.pitefg USER: BRTORRES FILE: FW3349-SW3P Plon Sheet 8

PENTABLE: 10254515.161 DATE: 2/27/2023 TIME: 257:27 PM

SCALE: 1:100

