

# MIDLAND COUNTY, TEXAS 2024 PAVEMENT MAINTENANCE PROJECT

MARCH 2024

## MAINTENANCE (FOG) SEAL COAT



**MIDLAND COUNTY  
TEXAS**

**OWNER:**

MIDLAND COUNTY, MIDLAND, TX.

**UTILITY RELOCATION NOTICE:**

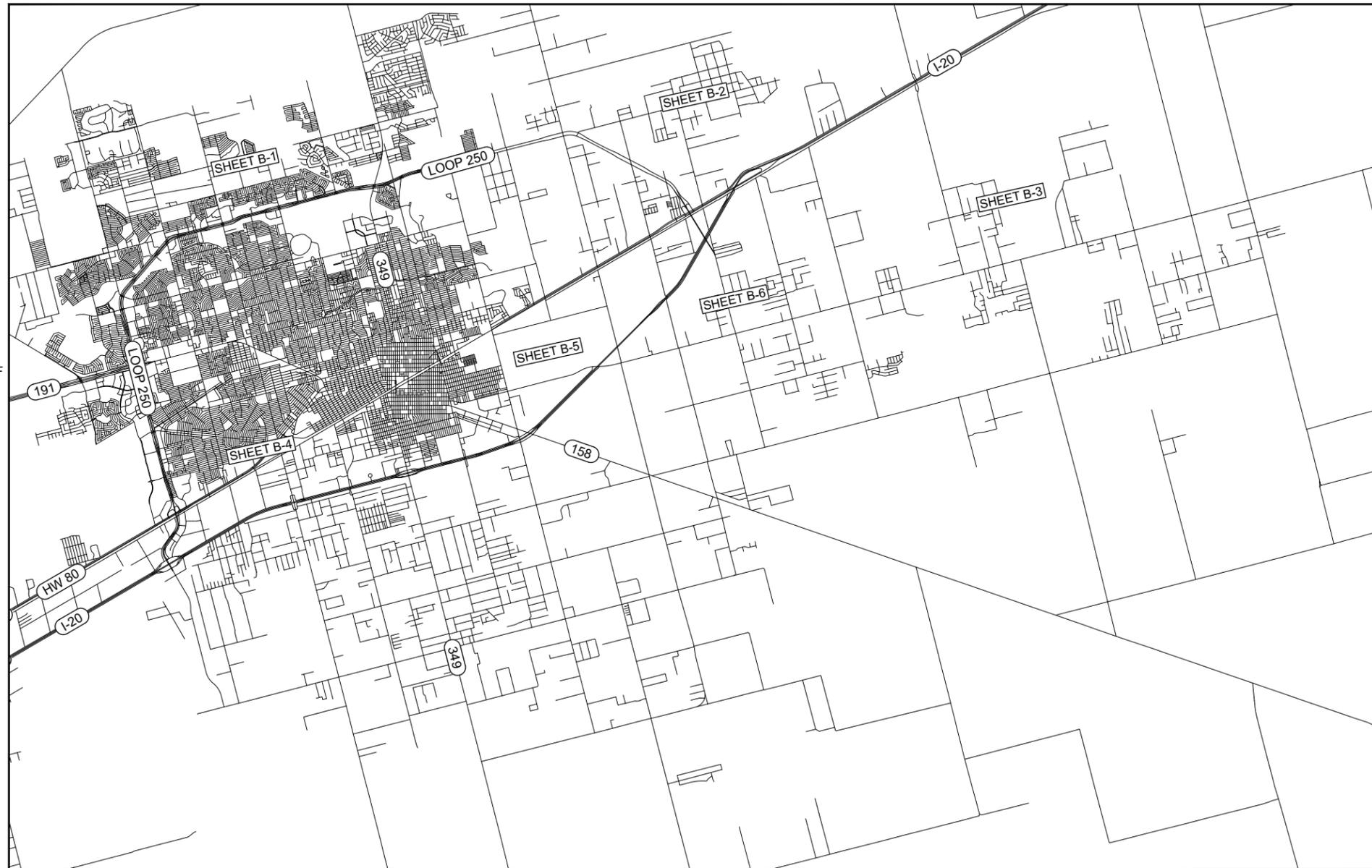
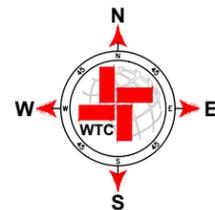
CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANY TO COORDINATE THE RELOCATION OF ANY UTILITY THAT IS FOUND TO BE IN CONFLICT WITH THESE CONSTRUCTION DOCUMENTS.

PREPARED BY



**WEST TEXAS CONSULTANTS, INC.**

ENGINEERS PLANNERS SURVEYORS  
405 S.W. 1st. Street  
Andrews, TX 79714  
(432) 523-2181  
TEXAS REGISTERED ENGINEERING FIRM F-2746  
TEXAS REGISTERED SURVEYOR FIRM #100792-00



**PROJECT LOCATION MAP**

NOT TO SCALE

**SHEET INDEX**

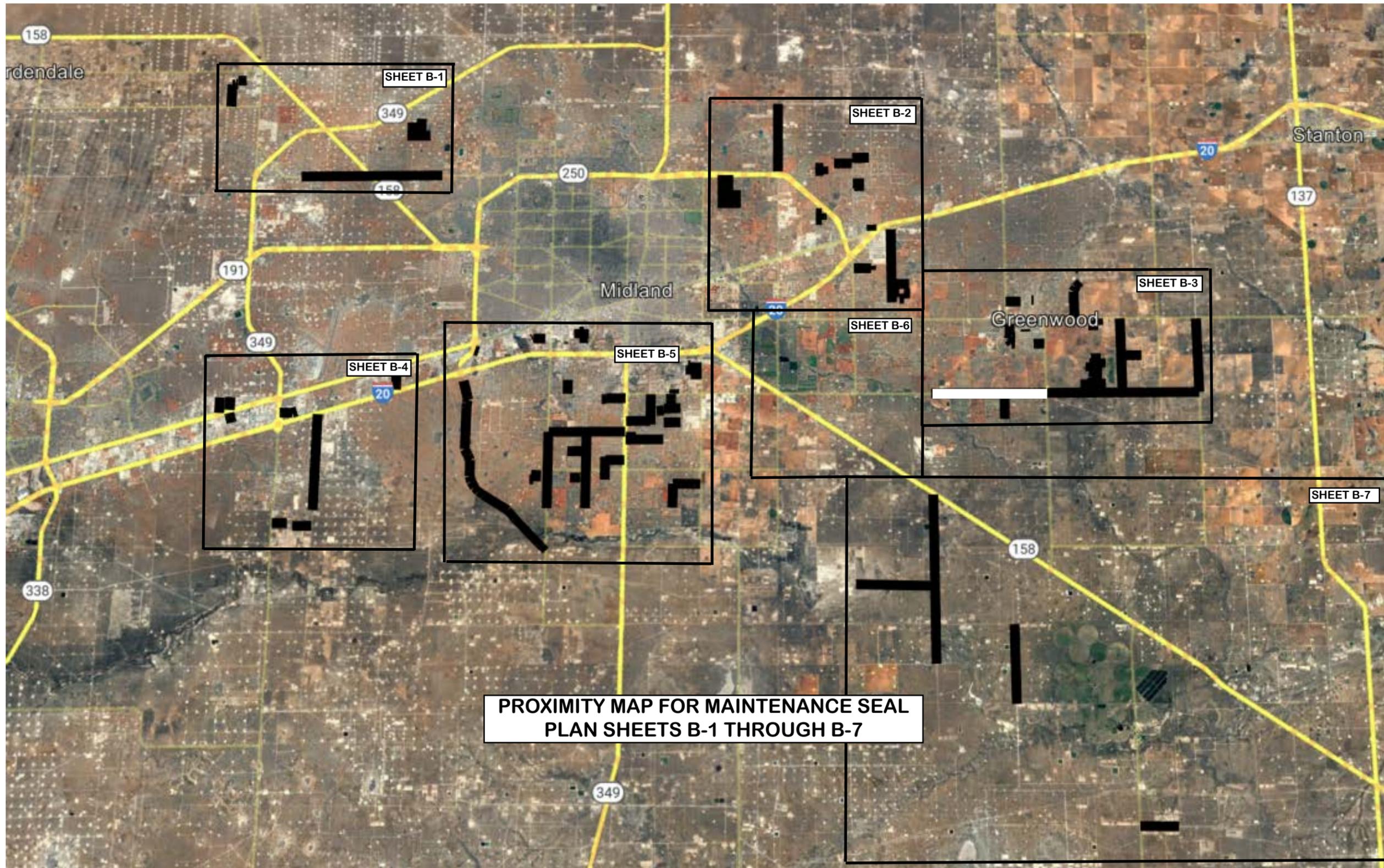
- A-6.0 MAINTENANCE (FOG) SEAL COVER
- B-0 MAINTENANCE SEAL PROXIMITY MAP
- B-1 MAINTENANCE (FOG) SEAL COAT
- B-2 MAINTENANCE (FOG) SEAL COAT
- B-3 MAINTENANCE (FOG) SEAL COAT
- B-4. MAINTENANCE (FOG) SEAL COAT
- B-5 MAINTENANCE (FOG) SEAL COAT
- B-6 MAINTENANCE (FOG) SEAL COAT
- B-7 MAINTENANCE (FOG) SEAL COAT



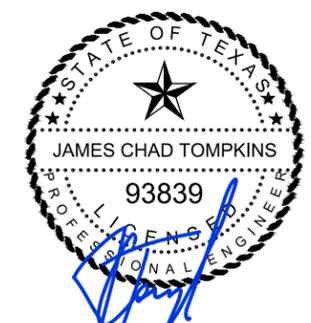
*J. Tompkins*

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAMES C. TOMPKINS, P.E. 93839 ON MARCH, 22 2024

PLAT: PROJECT ENGINEERING & SURVEYING FOR MIDLAND COUNTY PAVING 2024 - DESIGN/CONSTRUCTION GRADE B PDF DRAWINGS/2024 MIDLAND COUNTY PAVING PROJECT - COVER SHEET LAYOUT.TB 14.03.2024 2:01 PM EDGAR RIOS



- GENERAL NOTES:**
1. CONTRACTOR TO PLACE TEMPORARY TABS ALONG EXISTING CENTERLINE AND EDGELINE STRIPING FOR STRIPING.
  2. QUANTITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED BY CONTRACTOR.
  3. TRAFFIC CONTROL DURING APPLICATION OF ASPHALT SHALL BE ACCORDING TRAFFIC CONTROL PLAN SEAL COAT OPERATIONS.
  4. MAINTENANCE SEAL (FOG SEAL): CONTRACTOR SHALL APPLY A MAINTENANCE SEAL COAT TO THE ROADWAY SURFACE WHICH SHALL BE COMPOSED OF EMULSIFIED ASPHALT DILUTED WITH WATER AT A RATIO NOT TO EXCEED 1:1 UNLESS OTHERWISE APPROVED BY ENGINEER. THE ASPHALT SHALL BE APPLIED EVENLY USING A DISTRIBUTOR TRUCK AT A RATE OF APPLICATION BETWEEN 0.08 and 0.12 GALLON PER SQUARE YARD.
  5. FOR AREAS THAT THE MAINTENANCE SEAL APPLICATION RATE WAS EXCEEDED OR ASPHALT IS PONDING THE SURFACE AREA SHALL BE COVERED WITH SAND AT A RATE OF 1.0 TO 2.0 POUNDS PER SQUARE YARD. EXCESS SAND SHALL BE REMOVED FROM THE ROADWAY SURFACE BY SWEEPING.



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAMES C. TOMPKINS, P.E. 93839 MAY, 22 2024

**PROXIMITY MAP FOR MAINTENANCE SEAL PLAN SHEETS B-1 THROUGH B-7**

LEGEND	

ITEM #	ITEM	QTY.	UNIT
1	MAINTENANCE SEAL (APPROX.)	1,286,139	SY
2	STRIPING SKIP YELLOW	405,221	LF
3	STRIPING SOLID WHITE	630,738	LF
BILL OF MATERIAL BY OTHERS			
ITEM #	ITEM	QTY.	UNIT
1	POTHOLE REPAIR (BY OTHERS)		SY
2			LF

**WTC**  
**ENGINEERS | SURVEYORS**  
**WEST TEXAS CONSULTANTS, INC.**  
 ENGINEERS PLANNERS SURVEYORS  
 405 S.W. 1st. Street | Andrews, TX 79714 |(432) 523-2181  
 TEXAS REGISTERED ENGINEERING FIRM F-2746  
 TEXAS REGISTERED SURVEYOR FIRM #100792-00

REVISION DESCRIPTION	REVISION	DATE

LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MAY NOT INCLUDE ALL UNDERGROUND UTILITIES PRESENT. CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITY CROSSINGS BEFORE EXCAVATION OF ROADWAY.

CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND RESIDENTS A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITIES ON OR IN THE VICINITY OF THEIR PROPERTY.

Before You Dig Anywhere in Texas STOP! CALL 1-800-245-4545  
 TOLL-FREE OSHA RULE 1926.651 REQUIRES PREVIOUS NOTIFICATION TEXAS ONE CALL SYSTEM

MIDLAND COUNTY, TEXAS					
2024 MIDLAND PAVEMENT MAINTENANCE PROJECT					
DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	SHEET #
J.C.T.	H.R.	3/19/24	56276		<b>B-0</b>

DRAWN BY: J.C.T. DATE: 3/19/24 PROJECT: 2024 MIDLAND PAVEMENT MAINTENANCE PROJECT SHEET: B-0



- GENERAL NOTES:**
1. CONTRACTOR TO PLACE TEMPORARY TABS ALONG EXISTING CENTERLINE AND EDGELINE STRIPING FOR STRIPING.
  2. QUANTITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED BY CONTRACTOR.
  3. TRAFFIC CONTROL DURING APPLICATION OF ASPHALT SHALL BE ACCORDING TRAFFIC CONTROL PLAN SEAL COAT OPERATIONS.
  4. MAINTENANCE SEAL (FOG SEAL): CONTRACTOR SHALL APPLY A MAINTENANCE SEAL COAT TO THE ROADWAY SURFACE WHICH SHALL BE COMPOSED OF CM5-1P APPLIED WITH AN ASPHALT DISTRIBUTOR AT A RATE OF 0.12 GALLON PER SQUARE YARD. ONCE THIS IS PERFORMED AND THE ASPHALT HAS CURED, THE ROAD WILL BE RE-STRIPED.
  5. FOR AREAS THAT THE MAINTENANCE SEAL APPLICATION RATE WAS EXCEEDED OR ASPHALT IS PONDING THE SURFACE AREA SHALL BE COVERED WITH SAND AT A RATE OF 1.0 TO 2.0 POUNDS PER SQUARE YARD. EXCESS SAND SHALL BE REMOVED FROM THE ROADWAY SURFACE BY SWEEPING.

MAINTENANCE SEAL QUANTITIES			
ROAD	LENGTH (ft)	WIDTH (ft)	SY
W CR 33	1,208	24	3,221
W CR 34	813	24	2,168
W CR 46	2,005	30	6,683
W CR 48	3,338	26	9,643
W CR 60	10,060	30	33,533
N CR 1246	2,614	30	8,713
N CR 1298	3,348	26	9,672

STRIPING QUANTITIES		
ROAD	CENTERLINE LENGTH (ft)	EDGELINE LENGTH (ft)
W CR 33	1,208	
W CR 34	813	
W CR 46	2,005	4,010
W CR 48	3,338	6,676
W CR 60	10,060	20,120
N CR 1246	2,614	5,228
N CR 1298	3,348	6,696

**LEGEND**

	SECTION OF ROAD FOR MAINTENANCE SEAL
	ROAD FOR MAINTENANCE SEAL
	ROAD NAME INCLUDED AS REFERENCE

ITEM #	ITEM	QTY.	UNIT
1	MAINTENANCE SEAL (APPROX.)	73,634	SY
2	STRIPING SKIP YELLOW	23,386	LF
3	STRIPING SOLID WHITE	42,730	LF

**BILL OF MATERIAL BY OTHERS**

ITEM #	ITEM	QTY.	UNIT
1	POTHOLE REPAIR (BY OTHERS)		SY
2	STRIPING (BY OTHERS)		SY

**WTC**  
**ENGINEERS | SURVEYORS**  
**WEST TEXAS CONSULTANTS, INC.**  
 ENGINEERS PLANNERS SURVEYORS  
 405 S.W. 1st. Street | Andrews, TX 79714 | (432) 523-2181  
 TEXAS REGISTERED ENGINEERING FIRM F-2746  
 TEXAS REGISTERED SURVEYOR FIRM #100792-00

REVISION DESCRIPTION	REVISION	DATE

LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MAY NOT INCLUDE ALL UNDERGROUND UTILITIES PRESENT. CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITY CROSSINGS BEFORE EXCAVATION OF ROADWAY.

CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND RESIDENTS A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITIES ON OR IN THE VICINITY OF THEIR PROPERTY.

Before You Dig Anywhere in Texas  
 STOP! CALL 1-800-245-4545  
 TOLL-FREE OSHA RULE 1926.651  
 REQUIRES PREVIOUS NOTIFICATION  
 TEXAS ONE CALL SYSTEM

STATE OF TEXAS  
 JAMES CHAD TOMPKINS  
 93839  
 LICENSED PROFESSIONAL ENGINEER

*James C. Tompkins*

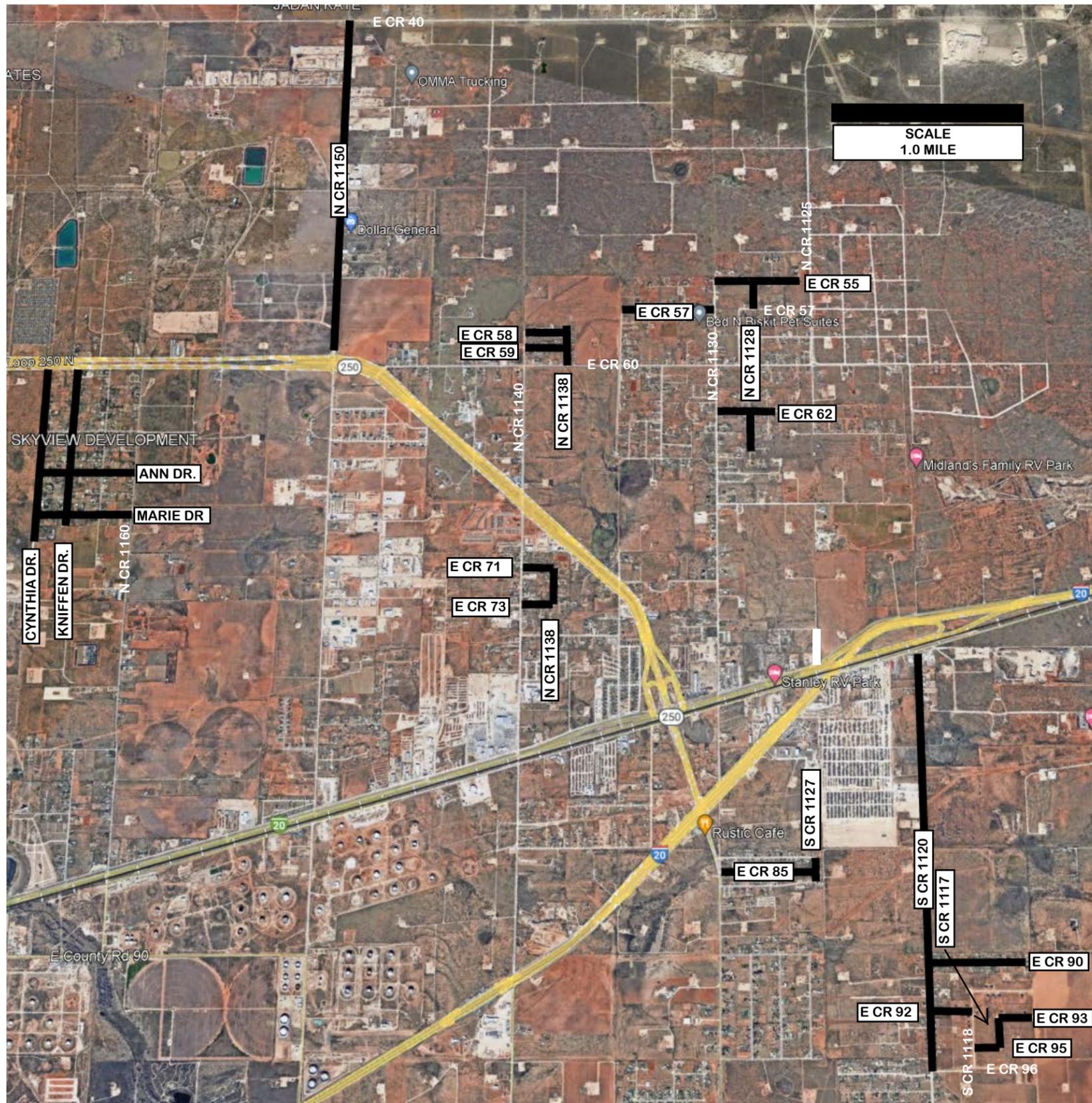
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAMES C. TOMPKINS, P.E. 93839 ON MARCH, 22 2024

**MIDLAND COUNTY, TEXAS**

2024 MIDLAND PAVEMENT MAINTENANCE PROJECT

DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	SHEET #
J.C.T.	H.R.	1/15/24	56276		B-1

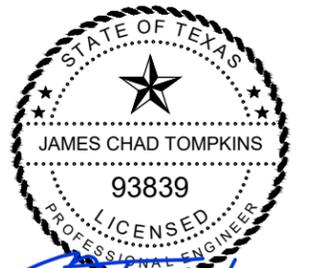
DRAWING: 2024 MIDLAND PAVEMENT MAINTENANCE PROJECT LAYOUT FOR P&S PLAN - 11/15/2024 8:19 AM EDGAR.BOS



SCALE  
1.0 MILE

- GENERAL NOTES:**
1. CONTRACTOR TO PLACE TEMPORARY TABS ALONG EXISTING CENTERLINE AND EDGELINE STRIPING FOR STRIPING.
  2. QUANTITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED BY CONTRACTOR.
  3. TRAFFIC CONTROL DURING APPLICATION OF ASPHALT SHALL BE ACCORDING TRAFFIC CONTROL PLAN SEAL COAT OPERATIONS.
  4. MAINTENANCE SEAL (FOG SEAL): CONTRACTOR SHALL APPLY A MAINTENANCE SEAL COAT TO THE ROADWAY SURFACE WHICH SHALL BE COMPOSED OF CM5-1P APPLIED WITH AN ASPHALT DISTRIBUTOR AT A RATE OF 0.12 GALLON PER SQUARE YARD. ONCE THIS IS PERFORMED AND THE ASPHALT HAS CURED, THE ROAD WILL BE RE-STRIPED.
  5. FOR AREAS THAT THE MAINTENANCE SEAL APPLICATION RATE WAS EXCEEDED OR ASPHALT IS PONDING THE SURFACE AREA SHALL BE COVERED WITH SAND AT A RATE OF 1.0 TO 2.0 POUNDS PER SQUARE YARD. EXCESS SAND SHALL BE REMOVED FROM THE ROADWAY SURFACE BY SWEEPING.

MAINTENANCE SEAL QUANTITIES				STRIPING QUANTITIES		
ROAD	LENGTH (ft)	WIDTH (ft)	SY	ROAD	CENTERLINE LENGTH (ft)	EDGELINE LENGTH (ft)
ANN DR	2,615	24	6,973	ANN DR	2,615	
CYNTHIA DR	3,843	24	10,248	CYNTHIA DR	3,843	
KNIFFEN DR	4,024	26	11,625	KNIFFEN DR	4,024	8,048
MARIE DR	2,600	26	7,511	MARIE DR	2,600	5,200
N CR 1150	9,663	30	32,210	N CR 1150	9,663	19,326
E CR 55	2,302	30	7,673	E CR 55	2,302	4,604
E CR 57	2,610	30	8,700	E CR 57	2,610	5,220
E CR 58	1,155	26	3,337	E CR 58	1,155	2,310
E CR 59	1,164	26	3,363	E CR 59	1,164	2,328
N CR 1128	837	23	2,139	N CR 1128	837	
E CR 62	1,987	30	6,623	E CR 62	1,987	3,974
N CR 1128	1,104	30	3,680	N CR 1128	1,104	2,208
E CR 71	865	30	2,883	E CR 71	865	1,730
E CR 73	875	30	2,917	E CR 73	875	1,750
N CR 1138	1,004	30	3,347	N CR 1138	1,004	2,008
N CR 1125	886	28	2,756	N CR 1125	886	1,772
E CR 85	2,502	24	6,672	E CR 85	2,502	
S CR 1120	10,660	26	30,796	S CR 1120	10,660	21,320
E CR 90	2,470	24	6,587	E CR 90	2,470	
E CR 92	1,063	26	3,071	E CR 92	1,063	2,126
E CR 93	883	24	2,355	E CR 93	883	
E CR 95	650	24	1,733	E CR 95	650	
S CR 1117	730	23	1,866	S CR 1117	730	



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAMES C. TOMPKINS, P.E. 93839 ON MARCH, 22 2024

**LEGEND**

	SECTION OF ROAD FOR MAINTENANCE SEAL
	ROAD FOR MAINTENANCE SEAL
	ROAD NAME INCLUDED AS REFERENCE

ITEM #	ITEM	QTY.	UNIT
1	MAINTENANCE SEAL (APPROX.)	169064	SY
2	STRIPING SKIP YELLOW	56492	LF
3	STRIPING SOLID WHITE	83,924	LF

**BILL OF MATERIAL BY OTHERS**

ITEM #	ITEM	QTY.	UNIT
1	POTHOLE REPAIR (BY OTHERS)		SY
2			LF

**WTC**  
ENGINEERS | SURVEYORS  
WEST TEXAS CONSULTANTS, INC.  
ENGINEERS PLANNERS SURVEYORS  
405 S.W. 1st. Street | Andrews, TX 79714 | (432) 523-2181  
TEXAS REGISTERED ENGINEERING FIRM F-2746  
TEXAS REGISTERED SURVEYOR FIRM #100792-00

REVISION DESCRIPTION	REVISION	DATE

LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MAY NOT INCLUDE ALL UNDERGROUND UTILITIES PRESENT. CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITY CROSSINGS BEFORE EXCAVATION OF ROADWAY.

CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND RESIDENTS A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITIES ON OR IN THE VICINITY OF THEIR PROPERTY.

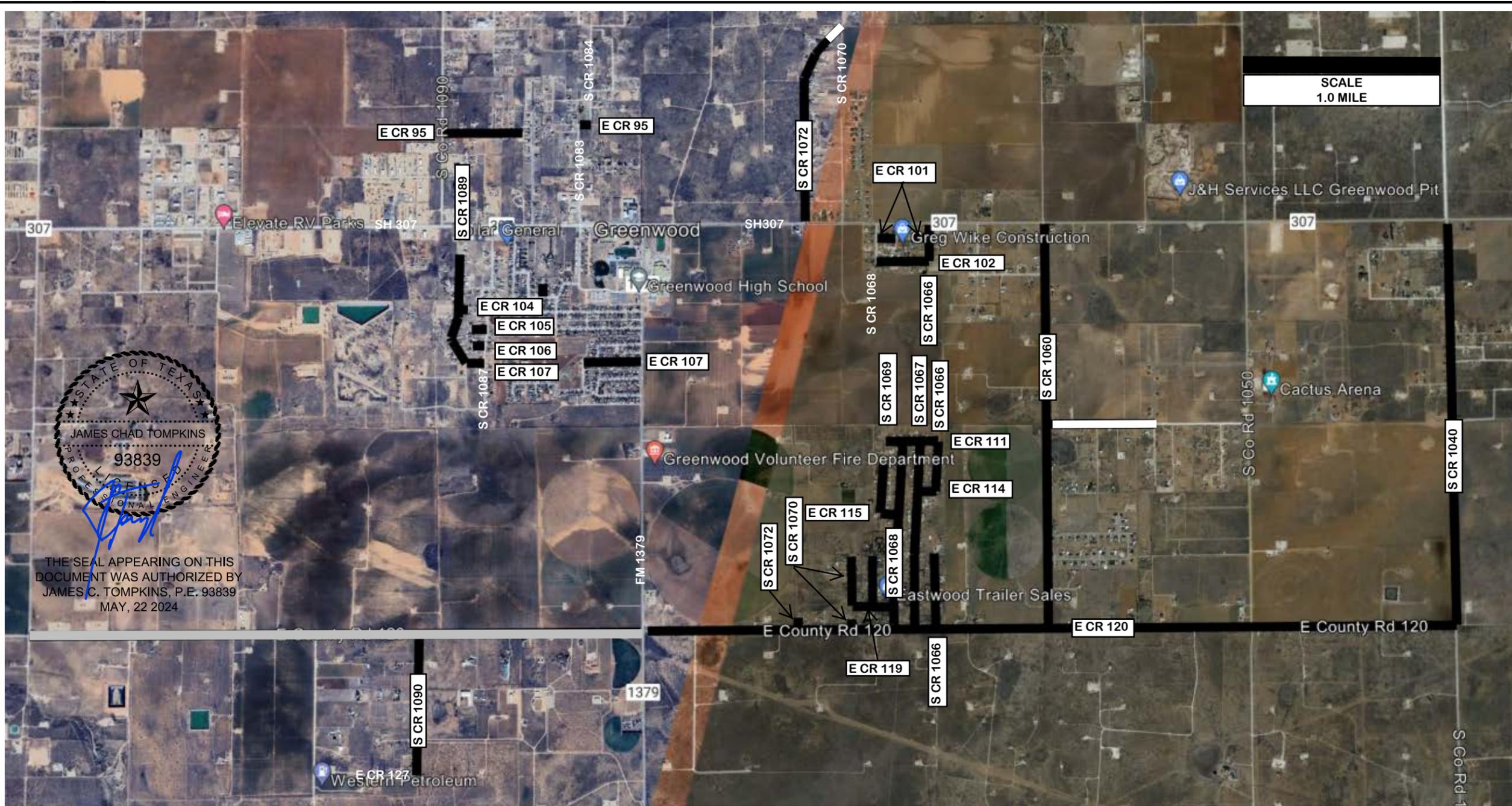
Before You Dig Anywhere in Texas  
STOP! CALL 1-800-245-4545  
TOLL-FREE OSHA RULE 1926.651  
REQUIRES PREVIOUS NOTIFICATION  
TEXAS ONE CALL SYSTEM

**MIDLAND COUNTY, TEXAS**

2024 MIDLAND PAVEMENT MAINTENANCE PROJECT

DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	SHEET #
J.C.T.	H.R.	3/19/24	56276		B-2

DRAWN BY: J. CHAD TOMPKINS, P.E. 93839. DATE: 3/19/24. PROJECT: 2024 MIDLAND PAVEMENT MAINTENANCE PROJECT. SHEET: B-2 OF 2.



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAMES C. TOMPKINS, P.E. 93839 MAY, 22 2024

- GENERAL NOTES:**
1. CONTRACTOR TO PLACE TEMPORARY TABS ALONG EXISTING CENTERLINE AND EDGELINE STRIPING FOR STRIPING.
  2. QUANTITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED BY CONTRACTOR.
  3. TRAFFIC CONTROL DURING APPLICATION OF ASPHALT SHALL BE ACCORDING TRAFFIC CONTROL PLAN SEAL COAT OPERATIONS.
  4. MAINTENANCE SEAL (FOG SEAL): CONTRACTOR SHALL APPLY A MAINTENANCE SEAL COAT TO THE ROADWAY SURFACE WHICH SHALL BE COMPOSED OF EMULSIFIED ASPHALT DILUTED WITH WATER AT A RATIO NOT TO EXCEED 1:1 UNLESS OTHERWISE APPROVED BY ENGINEER. THE ASPHALT SHALL BE APPLIED EVENLY USING A DISTRIBUTOR TRUCK AT A RATE OF APPLICATION BETWEEN 0.08 and 0.12 GALLON PER SQUARE YARD.
  5. FOR AREAS THAT THE MAINTENANCE SEAL APPLICATION RATE WAS EXCEEDED OR ASPHALT IS PONDING THE SURFACE AREA SHALL BE COVERED WITH SAND AT A RATE OF 1.0 TO 2.0 POUNDS PER SQUARE YARD. EXCESS SAND SHALL BE REMOVED FROM THE ROADWAY SURFACE BY SWEEPING.

STRIPING QUANTITIES		
ROAD	CENTERLINE LENGTH (ft)	EDGELINE LENGTH (ft)
E CR 95	2,140	4,280
E CR 95	650	
S CR 1089	4,218	
E CR 105	370	740
E CR 106	310	620
E CR 107	518	
E CR 107	1,408	
S CR 1072	5,166	10,332
S CR 1066	1,014	
E CR 102	1,400	
S CR 1060	10,629	21,258
S CR 1040	10,629	21,258
E CR 120	21,329	42,658
S CR 1090	2,675	5,350
S CR 1066	3,752	
S CR 1067	4,925	
S CR 1068	4,991	
S CR 1069	2,731	
E CR 101	1,122	2,493
S CR 1070	1,623	
S CR 1072	380	760
E CR 111	1,411	
E CR 114	476	
E CR 115	473	
E CR 119	1,109	
E CR 101	1,122	
E CR 104	220	

MAINTENANCE SEAL QUANTITIES																			
ROAD	LENGTH (ft)	WIDTH (ft)	SY	ROAD	LENGTH (ft)	WIDTH (ft)	SY	ROAD	LENGTH (ft)	WIDTH (ft)	SY	ROAD	LENGTH (ft)	WIDTH (ft)	SY	ROAD	LENGTH (ft)	WIDTH (ft)	SY
E CR 95	2,140	30	7,133					S CR 1060	10,629	26	30,706	S CR 1068	4,991	23	12,755	E CR 115	473	23	1,209
E CR 95	650	24	1,733	E CR 107	1,408	23	3,598	S CR 1040	10,629	30	35,430	S CR 1069	2,731	23	6,979	S CR 1068	4,991		
S CR 1089	4,218	23	10,779	S CR 1072	5,166	26	14,924	E CR 120	21,329	26	61,617	S CR 1070	1,623	23	4,148	S CR 1069	2,731		
E CR 105	370	30	1,233	S CR 1066	1,014	24	2,704	S CR 1090	2,675	32	9,511	S CR 1072	380	26	1,098	E CR 101	1,122	20	2,493
E CR 106	310	30	1,033	E CR 102	1,400	24	3,733	S CR 1066	3,752	23	9,588	E CR 111	1,411	23	3,606	S CR 1070	1,623		
E CR 107	518	23	1,324					S CR 1067	4,925	24	13,133	E CR 114	476	23	1,216	E CR 104	220	20	489

LEGEND	
	SECTION OF ROAD FOR MAINTENANCE SEAL
	ROAD FOR MAINTENANCE SEAL
	ROAD NAME INCLUDED AS REFERENCE

ITEM #	ITEM	QTY.	UNIT
1	MAINTENANCE SEAL (APPROX.)	245,009	SY
2	STRIPING SKIP YELLOW	85,669	LF
3	STRIPING SOLID WHITE	107,256	LF

BILL OF MATERIAL BY OTHERS			
ITEM #	ITEM	QTY.	UNIT
1	POTHOLE REPAIR (BY OTHERS)		SY
2			LF

**WTC**  
**ENGINEERS | SURVEYORS**  
**WEST TEXAS CONSULTANTS, INC.**  
 ENGINEERS PLANNERS SURVEYORS  
 405 S.W. 1st. Street | Andrews, TX 79714 | (432) 523-2181  
 TEXAS REGISTERED ENGINEERING FIRM F-2746  
 TEXAS REGISTERED SURVEYOR FIRM #100792-00

REVISION DESCRIPTION	REVISION	DATE

LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MAY NOT INCLUDE ALL UNDERGROUND UTILITIES PRESENT. CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITY CROSSINGS BEFORE EXCAVATION OF ROADWAY.

CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND RESIDENTS A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITIES ON OR IN THE VICINITY OF THEIR PROPERTY.

Before You Dig Anywhere in Texas STOP! CALL 1-800-245-4545  
 TOLL-FREE OSHA RULE 1926.651 REQUIRES PREVIOUS NOTIFICATION TEXAS ONE CALL SYSTEM

MIDLAND COUNTY, TEXAS					
2024 MIDLAND PAVEMENT MAINTENANCE PROJECT					
DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	SHEET #
J.C.T.	H.R.	5/22/24	56276		<b>B-3</b>

DRAWN: H.R. DATE: 5/22/24 PROJECT: 2024 MIDLAND PAVEMENT MAINTENANCE PROJECT SHEET: B-3



- GENERAL NOTES:**
1. CONTRACTOR TO PLACE TEMPORARY TABS ALONG EXISTING CENTERLINE AND EDGELINE STRIPING FOR STRIPING.
  2. QUANTITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED BY CONTRACTOR.
  3. TRAFFIC CONTROL DURING APPLICATION OF ASPHALT SHALL BE ACCORDING TRAFFIC CONTROL PLAN SEAL COAT OPERATIONS.
  4. MAINTENANCE SEAL (FOG SEAL): CONTRACTOR SHALL APPLY A MAINTENANCE SEAL COAT TO THE ROADWAY SURFACE WHICH SHALL BE COMPOSED OF CM5-1P APPLIED WITH AN ASPHALT DISTRIBUTOR AT A RATE OF 0.12 GALLON PER SQUARE YARD. ONCE THIS IS PERFORMED AND THE ASPHALT HAS CURED, THE ROAD WILL BE RE-STRIPED.
  5. FOR AREAS THAT THE MAINTENANCE SEAL APPLICATION RATE WAS EXCEEDED OR ASPHALT IS PONDING THE SURFACE AREA SHALL BE COVERED WITH SAND AT A RATE OF 1.0 TO 2.0 POUNDS PER SQUARE YARD. EXCESS SAND SHALL BE REMOVED FROM THE ROADWAY SURFACE BY SWEEPING.

**MAINTENANCE SEAL QUANTITIES**

ROAD	LENGTH (ft)	WIDTH (ft)	SY
S CR 1293	3,297	30	10,990
S CR 1295	2,259	30	7,530
W CR 127	2,456	30	8,187
S CR 1270	13,430	34	50,736
S CR 1250	3,383	34	12,780
W CR 154	4,739	28	14,744

**STRIPING QUANTITIES**

ROAD	CENTERLINE LENGTH (ft)	EDGELINE LENGTH (ft)
S CR 1293	3,297	6,594
S CR 1295	2,259	4,518
W CR 127	2,456	4,912
S CR 1270	13,430	26,860
S CR 1250	3,383	6,766
W CR 154	4,739	9,478



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAMES C. TOMPKINS, P.E. 93839 ON MARCH, 22 2024

**LEGEND**

	SECTION OF ROAD FOR MAINTENANCE SEAL
	ROAD FOR MAINTENANCE SEAL
	ROAD NAME INCLUDED AS REFERENCE

ITEM #	ITEM	QTY.	UNIT
1	MAINTENANCE SEAL (APPROX.)	104,966	SY
2	STRIPING SKIP YELLOW	29,564	LF
3	STRIPING SOLID WHITE	59,128	LF

**BILL OF MATERIAL BY OTHERS**

ITEM #	ITEM	QTY.	UNIT
1	POTHOLE REPAIR (BY OTHERS)		SY
2			LF

**WTC**  
**ENGINEERS | SURVEYORS**  
**WEST TEXAS CONSULTANTS, INC.**  
 ENGINEERS PLANNERS SURVEYORS  
 405 S.W. 1st. Street | Andrews, TX 79714 | (432) 523-2181  
 TEXAS REGISTERED ENGINEERING FIRM F-2746  
 TEXAS REGISTERED SURVEYOR FIRM #100792-00

REVISION DESCRIPTION	REVISION	DATE

LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MAY NOT INCLUDE ALL UNDERGROUND UTILITIES PRESENT. CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITY CROSSINGS BEFORE EXCAVATION OF ROADWAY. CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND RESIDENTS A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITIES ON OR IN THE VICINITY OF THEIR PROPERTY.

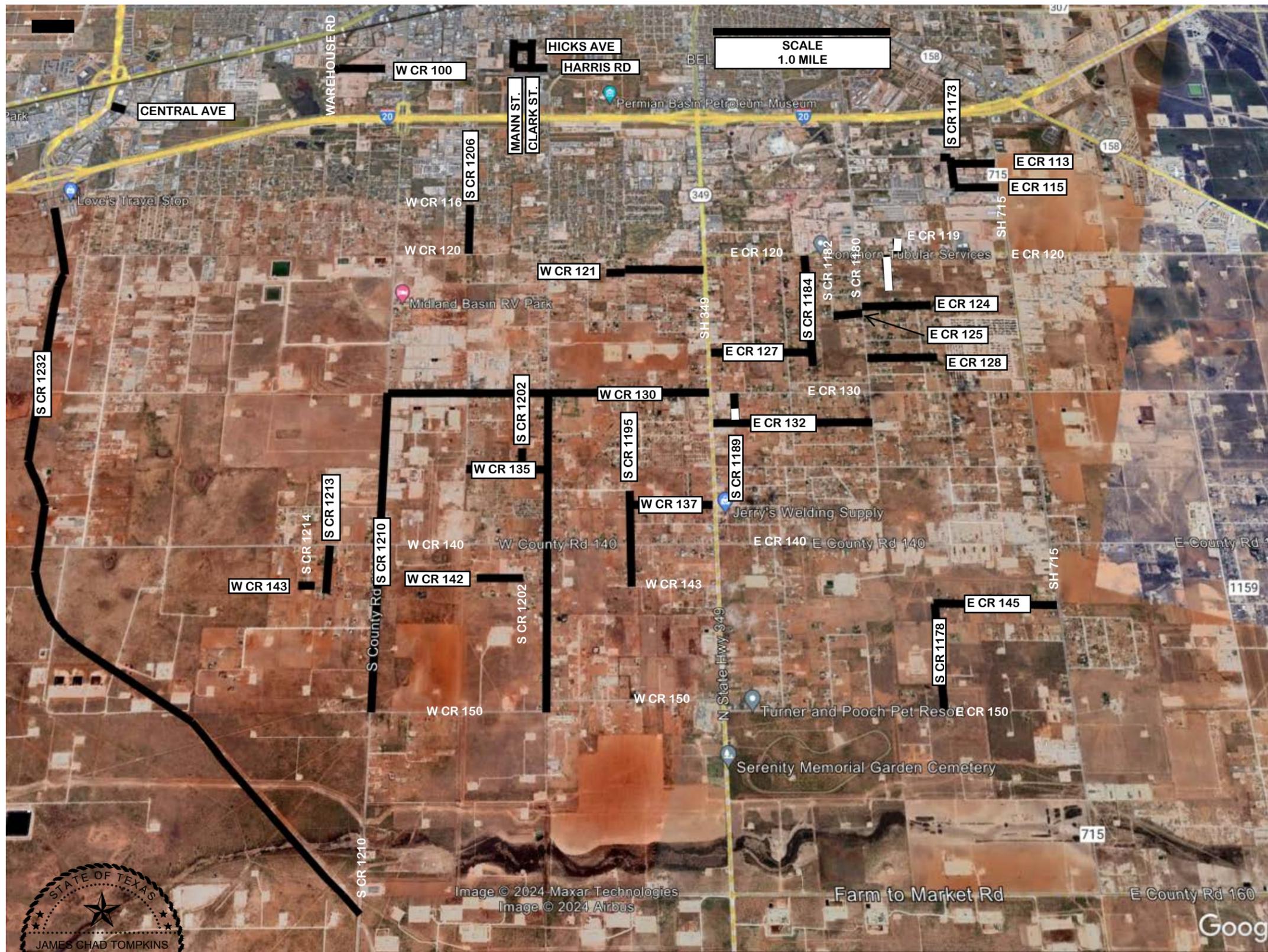
Before You Dig Anywhere In Texas  
 STOP! CALL 1-800-245-4545  
 TOLL-FREE OSHA RULE 1926.651  
 REQUIRES PREVIOUS NOTIFICATION  
 TEXAS ONE CALL SYSTEM

**MIDLAND COUNTY, TEXAS**

**2024 MIDLAND PAVEMENT MAINTENANCE PROJECT**

DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	SHEET #
J.C.T.	H.R.	1/15/24	56276		<b>B-4</b>

DRAWN BY: H.R. DATE: 1/15/24 PROJECT: 2024 MIDLAND PAVEMENT MAINTENANCE PROJECT SHEET: B-4



- GENERAL NOTES:**
- CONTRACTOR TO PLACE TEMPORARY TABS ALONG EXISTING CENTERLINE AND EDGELINE STRIPING FOR STRIPING.
  - QUANTITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED BY CONTRACTOR.
  - TRAFFIC CONTROL DURING APPLICATION OF ASPHALT SHALL BE ACCORDING TRAFFIC CONTROL PLAN SEAL COAT OPERATIONS.
  - MAINTENANCE SEAL (FOG SEAL): CONTRACTOR SHALL APPLY A MAINTENANCE SEAL COAT TO THE ROADWAY SURFACE WHICH SHALL BE COMPOSED OF CM5-1P APPLIED WITH AN ASPHALT DISTRIBUTOR AT A RATE OF 0.12 GALLON PER SQUARE YARD. ONCE THIS IS PERFORMED AND THE ASPHALT HAS CURED, THE ROAD WILL BE RE-STRIPED.
  - FOR AREAS THAT THE MAINTENANCE SEAL APPLICATION RATE WAS EXCEEDED OR ASPHALT IS PONDING THE SURFACE AREA SHALL BE COVERED WITH SAND AT A RATE OF 1.0 TO 2.0 POUNDS PER SQUARE YARD. EXCESS SAND SHALL BE REMOVED FROM THE ROADWAY SURFACE BY SWEEPING.

ROAD	MAINTENANCE SEAL QUANTITIES			STRIPING QUANTITIES	
	LENGTH (ft)	WIDTH (ft)	SY	CENTERLINE LENGTH (ft)	EDGELINE LENGTH (ft)
CENTRAL AVE	580	34	2,191	580	1,160
W CR 100	1,829	34	6,910	1,829	3,658
CLARK ST	1,308	26	3,779	1,308	2,616
HARRIS RD	1,220	26	3,524	1,220	2,440
HICKS AVE	671	26	1,938	671	1,342
MANN ST	1,309	26	3,782	1,309	2,618
S CR 1232	28,734	34	108,551	28,734	57,468
S CR 1206	2,053	23	5,247	2,053	4,106
S CR 1210	10,560	34	39,893	10,560	21,120
W CR 130	10,682	34	40,354	10,682	21,364
W CR 135	2,649	24	7,064	2,649	5,298
W CR 142	1,494	26	4,316	1,494	2,988
S CR 1202	813	23	2,078	813	
S CR 1200	10,603	32	37,700	10,603	21,206
S CR 1195	2,729	26	7,884	2,729	5,458
W CR 137	2,754	23	7,038	2,754	
W CR 121	3,381	23	8,640	3,381	
E CR 124	2,389	26	6,902	2,389	4,778
E CR 125	1,046	26	3,022	1,046	2,092
E CR 127	3,463	24	9,235	3,463	
E CR 128	2,364	30	7,880	2,364	4,728
E CR 132	5,304	30	17,680	5,304	10,608
E CR 145	3,879	24	10,344	3,879	
S CR 1178	3,354	30	11,180	3,354	6,708
E CR 113	2,221	24	5,923	2,221	
E CR 115	1,590	24	4,240	1,590	
S CR 1173	1,264	24	3,371	1,264	
S CR 1184	4,434	24	11,824	4,434	
S CR 1189	575	28	1,789	575	1,150
S CR 1178	1,385	30	4,617	1,385	2,770



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAMES C. TOMPKINS, P.E. 93839 ON MARCH, 22 2024

**LEGEND**

	SECTION OF ROAD FOR MAINTENANCE SEAL
	ROAD FOR MAINTENANCE SEAL
	ROAD NAME INCLUDED AS REFERENCE

**BILL OF MATERIAL BY OTHERS**

ITEM #	ITEM	QTY.	UNIT
1	MAINTENANCE SEAL (APPROX.)	388,893	SY
2	STRIPING SKIP YELLOW	116,637	LF
3	STRIPING SOLID WHITE	185,676	LF

**WTC**  
**ENGINEERS | SURVEYORS**  
 WEST TEXAS CONSULTANTS, INC.  
 ENGINEERS PLANNERS SURVEYORS  
 405 S.W. 1st. Street | Andrews, TX 79714 | (432) 523-2181  
 TEXAS REGISTERED ENGINEERING FIRM F-2746  
 TEXAS REGISTERED SURVEYOR FIRM #100792-00

REVISION DESCRIPTION	REVISION	DATE

LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MAY NOT INCLUDE ALL UNDERGROUND UTILITIES PRESENT. CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITY CROSSINGS BEFORE EXCAVATION OF ROADWAY.

CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND RESIDENTS A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITIES ON OR IN THE VICINITY OF THEIR PROPERTY.

Before You Dig Anywhere In Texas  
 STOP! CALL 1-800-245-4545  
 TOLL-FREE OSHA RULE 1926.651  
 REQUIRES PREVIOUS NOTIFICATION  
 TEXAS ONE CALL SYSTEM

**MIDLAND COUNTY, TEXAS**

**2024 MIDLAND PAVEMENT MAINTENANCE PROJECT**

DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	SHEET #
J.C.T.	H.R.	3/19/24	56276		<b>B-5</b>

DRAWING NO. 2024-001 - DESIGN - 2024 MIDLAND PAVEMENT MAINTENANCE PROJECT LAYOUT FOR P&S PLAN - 11/20/24 - 1/19/2024 - 1/19/2024



**GENERAL NOTES:**

1. CONTRACTOR TO PLACE TEMPORARY TABS ALONG EXISTING CENTERLINE AND EDGELINE STRIPING FOR STRIPING.
2. QUANTITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED BY CONTRACTOR.
3. TRAFFIC CONTROL DURING APPLICATION OF ASPHALT SHALL BE ACCORDING TRAFFIC CONTROL PLAN SEAL COAT OPERATIONS.
4. MAINTENANCE SEAL (FOG SEAL): CONTRACTOR SHALL APPLY A MAINTENANCE SEAL COAT TO THE ROADWAY SURFACE WHICH SHALL BE COMPOSED OF CM5-1P APPLIED WITH AN ASPHALT DISTRIBUTOR AT A RATE OF 0.12 GALLON PER SQUARE YARD. ONCE THIS IS PERFORMED AND THE ASPHALT HAS CURED, THE ROAD WILL BE RE-STRIPED.
5. FOR AREAS THAT THE MAINTENANCE SEAL APPLICATION RATE WAS EXCEEDED OR ASPHALT IS PONDING THE SURFACE AREA SHALL BE COVERED WITH SAND AT A RATE OF 1.0 TO 2.0 POUNDS PER SQUARE YARD. EXCESS SAND SHALL BE REMOVED FROM THE ROADWAY SURFACE BY SWEEPING.

MAINTENANCE SEAL QUANTITIES				STRIPING QUANTITIES	
ROAD	LENGTH (ft)	WIDTH (ft)	SY	CENTERLINE LENGTH (ft)	EDGELINE LENGTH (ft)
E CR 105	5,309	24	14,157	5,309	
E CR 108	2,073	23	5,298	2,073	
S CR 1117	569	23	1,454	569	
S CR 1121	818	24	2,181	818	
S CR 1122	1,461	24	3,896	1,461	
S CR 1135	5,146	30	17,153	5,146	10,292
S CR 1140	2,053	23	5,247	2,053	
S CR 1140	10,580	30	35,267	10,580	21,160
S CR 1140	10,562	26	30,512	10,562	21,124
E CR 126	2,138	24	5,701	2,138	
E CR 128	3,040	24	8,107	3,040	



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAMES C. TOMPKINS, P.E. 93839 ON MARCH, 22 2024

LEGEND		ITEM #	ITEM	QTY.	UNIT
	SECTION OF ROAD FOR MAINTENANCE SEAL	1	MAINTENANCE SEAL (APPROX.)	128,973	SY
	ROAD FOR MAINTENANCE SEAL	2	STRIPING SKIP YELLOW	43,749	LF
	ROAD NAME INCLUDED AS REFERENCE	3	STRIPING SOLID WHITE	52,576	LF

BILL OF MATERIAL BY OTHERS				
ITEM #	ITEM	QTY.	UNIT	
1	POTHOLE REPAIR (BY OTHERS)		SY	
2			LF	

**WTC**  
**ENGINEERS | SURVEYORS**  
**WEST TEXAS CONSULTANTS, INC.**  
 ENGINEERS PLANNERS SURVEYORS  
 405 S.W. 1st. Street | Andrews, TX 79714 | (432) 523-2181  
 TEXAS REGISTERED ENGINEERING FIRM F-2746  
 TEXAS REGISTERED SURVEYOR FIRM #100792-00

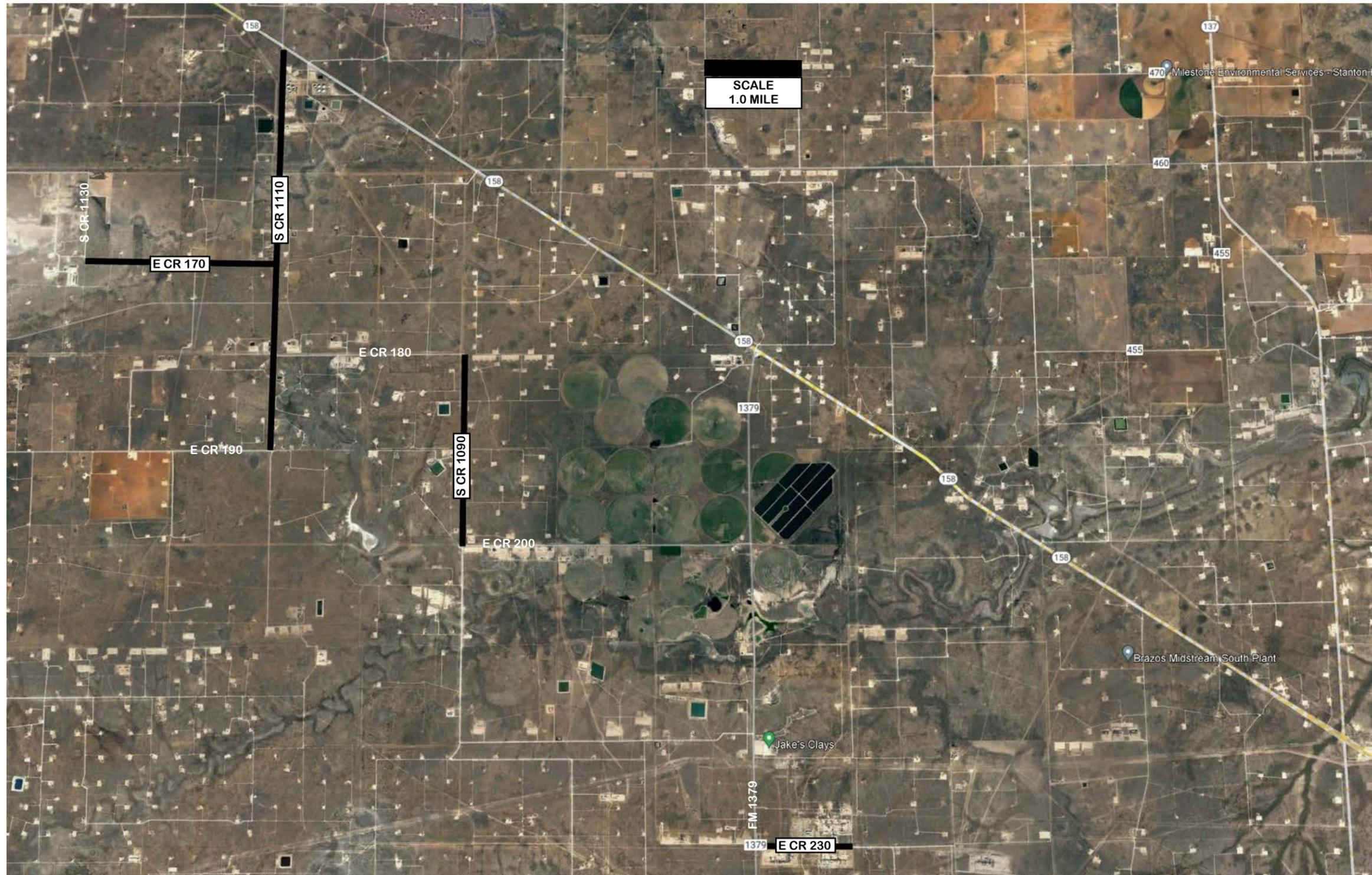
REVISION DESCRIPTION	REVISION	DATE

LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MAY NOT INCLUDE ALL UNDERGROUND UTILITIES PRESENT. CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITY CROSSINGS BEFORE EXCAVATION OF ROADWAY.  
 CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND RESIDENTS A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITIES ON OR IN THE VICINITY OF THEIR PROPERTY.

Before You Dig Anywhere In Texas  
 STOP! CALL 1-800-245-4545  
 TOLL-FREE OSHA RULE 1926.651  
 REQUIRES PREVIOUS NOTIFICATION  
 TEXAS ONE CALL SYSTEM

MIDLAND COUNTY, TEXAS					
2024 MIDLAND PAVEMENT MAINTENANCE PROJECT					
DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	SHEET #
J.C.T.	H.R.	1/15/24	56276		<b>B-6</b>

DATE: 3/22/2024 10:58:10 AM  
 DRAWING: 2024 MIDLAND PAVEMENT MAINTENANCE PROJECT LAYOUT FOR P&S SHEET # 1 OF 11 (2024) 1/15/2024 10:58:10 AM  
 DRAWING: 2024 MIDLAND PAVEMENT MAINTENANCE PROJECT LAYOUT FOR P&S SHEET # 6 OF 11 (2024) 1/15/2024 10:58:10 AM



SCALE  
1.0 MILE

- GENERAL NOTES:**
1. CONTRACTOR TO PLACE TEMPORARY TABS ALONG EXISTING CENTERLINE AND EDGELINE STRIPING FOR STRIPING.
  2. QUANTITIES SHOWN ARE APPROXIMATE AND TO BE VERIFIED BY CONTRACTOR.
  3. TRAFFIC CONTROL DURING APPLICATION OF ASPHALT SHALL BE ACCORDING TRAFFIC CONTROL PLAN SEAL COAT OPERATIONS.
  4. MAINTENANCE SEAL (FOG SEAL): CONTRACTOR SHALL APPLY A MAINTENANCE SEAL COAT TO THE ROADWAY SURFACE WHICH SHALL BE COMPOSED OF CM5-1P APPLIED WITH AN ASPHALT DISTRIBUTOR AT A RATE OF 0.12 GALLON PER SQUARE YARD. ONCE THIS IS PERFORMED AND THE ASPHALT HAS CURED, THE ROAD WILL BE RE-STRIPED.
  5. FOR AREAS THAT THE MAINTENANCE SEAL APPLICATION RATE WAS EXCEEDED OR ASPHALT IS PONDING THE SURFACE AREA SHALL BE COVERED WITH SAND AT A RATE OF 1.0 TO 2.0 POUNDS PER SQUARE YARD. EXCESS SAND SHALL BE REMOVED FROM THE ROADWAY SURFACE BY SWEEPING.

**MAINTENANCE SEAL QUANTITIES**

ROAD	LENGTH (ft)	WIDTH (ft)	SY
S CR 1090	10,560	34	39,893
E CR 230	5,208	30	17,360
S CR 1110	23,218	32	82,553
E CR 170	10,738	30	35,793

**STRIPING QUANTITIES**

ROAD	CENTERLINE LENGTH (ft)	EDGELINE LENGTH (ft)
S CR 1090	10,560	21,120
E CR 230	5,208	10,416
S CR 1110	23,218	46,436
E CR 170	10,738	21,476



*J. Tompkins*  
 THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JAMES C. TOMPKINS, P.E. 93839 ON MARCH, 22 2024

**LEGEND**

	SECTION OF ROAD FOR MAINTENANCE SEAL
	ROAD FOR MAINTENANCE SEAL
	ROAD NAME INCLUDED AS REFERENCE

ITEM #	ITEM	QTY.	UNIT
1	MAINTENANCE SEAL (APPROX.)	175,600	SY
2	STRIPING SKIP YELLOW	49,724	LF
3	STRIPING SOLID WHITE	99,448	LF

**BILL OF MATERIAL BY OTHERS**

ITEM #	ITEM	QTY.	UNIT
1	POTHOLE REPAIR (BY OTHERS)		SY
2			LF

**WTC**  
**ENGINEERS | SURVEYORS**  
 West Texas Consultants, Inc.  
 ENGINEERS PLANNERS SURVEYORS  
 405 S.W. 1st. Street | Andrews, TX 79714 | (432) 523-2181  
 TEXAS REGISTERED ENGINEERING FIRM F-2746  
 TEXAS REGISTERED SURVEYOR FIRM #100792-00

REVISION DESCRIPTION	REVISION	DATE

LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MAY NOT INCLUDE ALL UNDERGROUND UTILITIES PRESENT. CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITY CROSSINGS BEFORE EXCAVATION OF ROADWAY.  
 CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND RESIDENTS A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITIES ON OR IN THE VICINITY OF THEIR PROPERTY.

Before You Dig Anywhere in Texas STOP! CALL 1-800-245-4545  
 TOLL-FREE OSHA RULE 1926.651 REQUIRES PREVIOUS NOTIFICATION TEXAS ONE CALL SYSTEM

**MIDLAND COUNTY, TEXAS**

2024 MIDLAND PAVEMENT MAINTENANCE PROJECT

DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	SHEET #
J.C.T.	H.R.	1/15/24	56276		B-7

DATE: 3/20/2024 10:58:10 AM PROJECT: 2024 MIDLAND PAVEMENT MAINTENANCE PROJECT LAYOUT TAB: 18x9 PLOT: 11 (2) 11/20/2024 8:19 AM EDGAR.BOS