

FINAL PLANS

NAME OF CONTRACTOR: _____
 DATE OF LETTING: _____
 DATE WORK BEGAN: _____
 DATE WORK COMPLETED: _____
 DATE WORK ACCEPTED: _____

SUMMARY OF CHANGE ORDERS:

ATTACHMENT NO. 1-24 TO SPECIAL AGREEMENT FOR CONSTRUCTION, MAINTENANCE, AND OPERATION OF CONTINUOUS HIGHWAY LIGHTING SYSTEMS WITHIN A MUNICIPALITY (FREEWAYS OR EXPRESSWAYS) (SPECIFIC LIMITS) DATED 9/16/2024. THE CITY-STATE CONSTRUCTION, MAINTENANCE, AND OPERATION RESPONSIBILITIES SHALL BE AS HERETOFORE AGREED TO, ACCEPTED, AND SPECIFIED IN THE AGREEMENT TO WHICH THESE PLANS ARE MADE A PART.

Barry Deak
 CITY OF MCINNEY

10-02-2024
 DATE

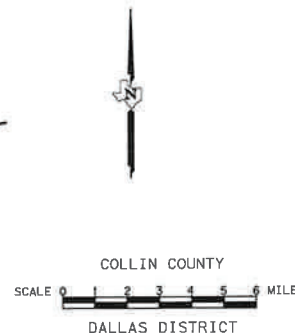
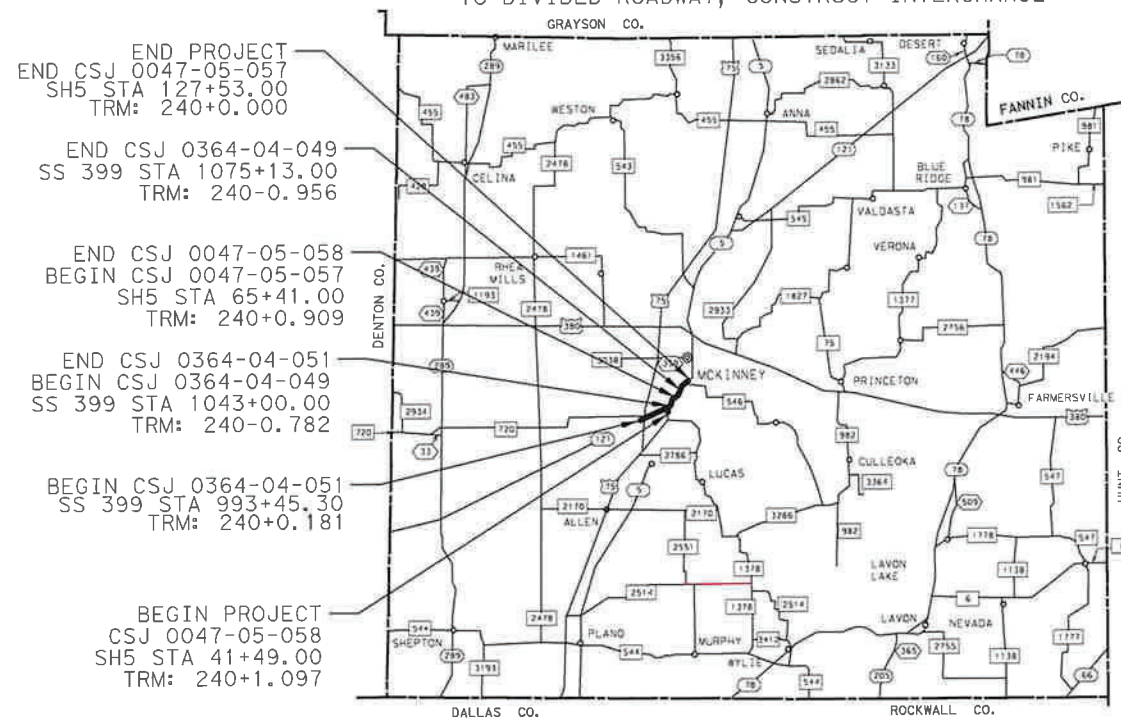
SS 399
 LIMITS: AT SH 5
 CCSJ: 0364-04-049
 ROADWAY = 2,410.00 FT. = 0.456MI.
 BRIDGE = 803.00 FT. = 0.152MI.
 TOTAL = 3,213.00 FT. = 0.609MI.

SH 5
 LIMITS: FROM: STEWART ROAD
 TO: EL DORADO PARKWAY
 CCSJ: 0047-05-057
 ROADWAY = 5,659.00 FT. = 1.072MI.
 BRIDGE = 1,411.52 FT. = 0.105MI.
 TOTAL = 6,212.00 FT. = 1.177MI.

SS 399
 LIMITS: FROM: US 75
 TO: SH 5
 CCSJ: 0364-04-051
 ROADWAY = 4,682.31 FT. = 0.887MI.
 BRIDGE = 277.39 FT. = 0.053MI.
 TOTAL = 4,954.70 FT. = 0.939MI.

SH 5
 LIMITS: FROM: SPUR 399 INTERSECTION
 TO: STEWART RD
 CCSJ: 0047-05-058
 ROADWAY = 2,392.00 FT. = 0.453MI.
 BRIDGE = 0.00 FT. = 0.00 MI.
 TOTAL = 2,392.00 FT. = 0.453MI.

TYPE OF WORK: WIDEN NON-FREEWAY AND FREEWAY, INTERCHANGE (NEW OR RECONSTRUCTED). NEW LOCATION FREEWAY
 CONSISTING OF: RECONSTRUCT AND WIDEN FREEWAY AND CONSTRUCT CONTINUOUS FRONTAGE ROADS, RECONSTRUCT AND WIDEN UNDIVIDED ROADWAY TO DIVIDED ROADWAY, CONSTRUCT INTERCHANGE



NOTE:
 SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION, SEPTEMBER 1, 2024, AND THE CONTRACT PROVISIONS LISTED AND DATED AS FOLLOWS SHALL GOVERN ON THIS PROJECT: REQUIRED CONTRACT PROVISIONS FOR ALL FEDERAL-AID CONSTRUCTION CONTRACTS (FORM FHWA 1273, OCTOBER 23, 2023)
 Registered Accessibility Specialist (RAS) inspection required. TDLR No. TABS202402304

HDR
 HDR
 Firm Registration No. F-754
 17111 Preston Road, Suite 200
 Dallas, Texas 75248-1229
 972.960.4400

SUBMITTED FOR LETTING: 10/01/2024
[Signature], P.E.
 CONSULTANT DESIGN ENGINEER OR PROJECT MANAGER

TEXAS DEPARTMENT OF TRANSPORTATION

WORK WAS COMPLETED ACCORDING TO THE PLANS AND CONTRACT.

Signature of Registrant _____, P.E. & Date _____

EQUATIONS: NONE
 EXCEPTIONS: NONE
 RAILROAD CROSSINGS: NONE

RECOMMENDED 10/2/2024
 DocuSigned by:
Jennifer Vorster, P.E.
 4DB68ED9336D4F7...

RECOMMENDED 10/2/2024
 Signed by:
James P. Campbell, P.E.
 98671C109B6A4C3...
 TRANSPORTATION PLANNING & DEVELOPMENT

APPROVED 10/2/2024
 DocuSigned by:
Casson Clemens, P.E.
 A879E0D10CD6464...
 JEER

FED. RD. DIV. NO.	FEDERAL AID PROJECT NO.		HIGHWAY NO.
6	F 2025 (482)		SH 5, ETC.
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	DAL	COLLIN	1
CONTROL	SECTION	JOB	
0047	05	057, etc.	

SH 5
 A.D.T. (2025) = 35,800
 A.D.T. (2045) = 47,950

DESIGN SPEEDS = 60 MPH (SS 399 MAINLANES SOUTH OF STEWART RD BRIDGE)
 40 MPH (SS 399 MAINLANES NORTH OF STEWART RD BRIDGE, SH 5 MAINLANES, HARRY MCKILLOP BLVD (FM 546), EL DORADO PKWY / INDUSTRIAL BLVD, FRONTAGE ROADS, RAMPS)
 30 MPH ALL OTHER CROSS STREETS

FUNCTIONAL CLASSIFICATION:
 URBAN PRINCIPAL ARTERIAL:
 SS 399 MAINLANE, SH 5 MAINLANE, UNIVERSITY DR (US 380), RAMPS
 URBAN MINOR ARTERIAL:
 HARRY MCKILLOP BLVD (FM 546), ELDORADO PKWY / INDUSTRIAL BLVD
 URBAN COLLECTOR:
 STEWART RD, E VIRGINIA ST, E LOUISIANA ST, TENNESSEE ST, FRONTAGE ROADS
 URBAN/RURAL LOCAL:
 ALL OTHER STREETS

VOLUME 1

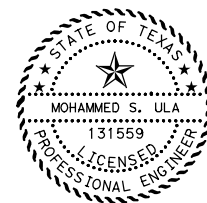
SHEETS	DESCRIPTION
I. GENERAL	
1	TITLE SHEET
2 - 6	INDEX OF SHEETS
7 - 8	PROJECT LAYOUT
9	EXISTING TYPICAL SECTIONS
10 - 11	EXISTING TYPICAL SECTIONS CROSS STREET
12 - 21	PROPOSED TYPICAL SECTIONS
22 - 24	PROPOSED TYPICAL SECTIONS CROSS STREET
25 - 43	GENERAL NOTES
44 - 54, 54A	ESTIMATE & QUANTITY SHEET
55 - 60	QUANTITY SUMMARY TRAFFIC CONTROL PLAN
61 - 62	TCP CRASH CUSHION SUMMARY SHEET
63	TCP TEMPORARY TRAFFIC SIGNAL QUANTITY SUMMARY
64	QUANTITY SUMMARY REMOVAL
65 - 72	ROADWAY SUMMARY
73	ROADWAY CRASH CUSHION SUMMARY SHEET
74 - 76	RETAINING WALL SUMMARY
77	EARTHWORK SUMMARY DETAIL
78 - 79	EARTHWORK SUMMARY
80	BRIDGE SUMMARY
81 - 84	SUMMARY OF QUANTITIES DRAINAGE
85	TRAFFIC SIGNAL QUANTITY SUMMARY
86	ITS & ILLUMINATION SUMMARY
87 - 88	QUANTITY SUMMARY SIGNING
89 - 90	QUANTITY SUMMARY PAVEMENT MARKING
91 - 92	QUANTITY SUMMARY ENVIRONMENTAL
93 - 100	SUMMARY OF SMALL SIGNS (SOSS)
101	SUMMARY OF LARGE SIGNS GROUND MOUNT
102	SUMMARY OF LARGE SIGNS OVERHEAD
103	SUMMARY OF LARGE SIGNS REMOVAL
II. TRAFFIC CONTROL PLAN ITEMS	
104 - 105	TCP SEQUENCE OF CONSTRUCTION
106 - 107	TCP OVERALL CONSTRUCTION SEQUENCE LAYOUT
108 - 109	TCP ADVANCED WARNING SIGNS
110	TCP TYPICAL SECTIONS PHASE 0
111 - 113	TCP PHASE 0 STEP 1
114 - 116	TCP PHASE 0 STEP 2
117 - 118	TCP PHASE 0 STEP 3
119 - 125	TCP TYPICAL SECTIONS PHASE 1
126 - 137	TCP LAYOUT PHASE 1
138	TCP PHASE 1 DETOUR LAYOUT-McMAKIN ST STEP 1
139	TCP PHASE 1 DETOUR LAYOUT-McMAKIN ST STEP 2
140 - 145	TCP TYPICAL SECTIONS PHASE 2
146 - 156	TCP LAYOUT PHASE 2
157	TCP PHASE 2 DETOUR LAYOUT STEWART RD
158 - 166	TCP TYPICAL SECTIONS PHASE 3 STEP 1
167 - 177	TCP LAYOUT PHASE 3 STEP 1
178	TCP PHASE 3 STEP 1 DETOUR LAYOUT STEWART RD
179	TCP PHASE 3 STEP 1 DETOUR LAYOUT MEDICAL CENTER DR
180	TCP PHASE 3 STEP 1 DETOUR LAYOUT TENNESSEE ST
181 - 184	TCP TYPICAL SECTIONS PHASE 3 STEP 2
185 - 195	TCP LAYOUT PHASE 3 STEP 2
196 - 197	TEMPORARY SHORING PLAN PHASE 0
198	TEMPORARY SHORING PLAN PHASE 0 STEP 1
199 - 200	TEMPORARY SHORING PLAN PHASE 0 STEP 2
201	TEMPORARY SHORING PLAN PHASE 0 STEP 3
202 - 208	TEMPORARY SHORING PLAN PHASE 1
209 - 210	TEMPORARY SHORING PLAN PHASE 2
211	TEMPORARY SHORING PLAN PHASE 3 STEP 1
212 - 213	TCP HORIZONTAL ALIGNMENT DATA SHEET
214 - 217	TCP DETOUR PROFILES
218	TCP INTERSECTION TYPICAL SECTIONS McKILLOP BLVD
219 - 227	TCP INTERSECTION TYPICAL SECTIONS INDUSTRIAL BLVD
228	TCP PHASE 3 STEP 1 STEWART RD UNDERPASS STEP 1
229	TCP PHASE 3 STEP 1 STEWART RD UNDERPASS STEP 2
230 - 231	TCP McKILLOP INTERSECTION DETAIL - PHASE 1 STEP 1
232 - 233	TCP McKILLOP INTERSECTION DETAIL - PHASE 1 STEP 2
234 - 235	TCP McKILLOP INTERSECTION DETAIL - PHASE 2 STEP 1
236 - 237	TCP McKILLOP INTERSECTION DETAIL - PHASE 2 STEP 2
238 - 239	TCP ELDORADO INTERSECTION DETAIL - PHASE 1 STEP 1
240 - 241	TCP ELDORADO INTERSECTION DETAIL - PHASE 1 STEP 2

VOLUME 1 - CONTINUED

SHEETS	DESCRIPTION
242 - 243	TCP ELDORADO INTERSECTION DETAIL - PHASE 1 STEP 3
244 - 245	TCP ELDORADO INTERSECTION DETAIL - PHASE 2 STEP 1
246 - 247	TCP ELDORADO INTERSECTION DETAIL - PHASE 2 STEP 2
248 - 249	TCP ELDORADO INTERSECTION DETAIL - PHASE 2 STEP 3
250 - 251	TCP ELDORADO INTERSECTION DETAIL - PHASE 3 STEP 1
252 - 253	TCP ELDORADO INTERSECTION DETAIL - PHASE 3 STEP 2
254 - 255	TCP ELDORADO INTERSECTION DETAIL - PHASE 3 STEP 3
256 - 257	TCP PHASE 3 STEP 1 SOUTH TENNESSEE ST
258	TCP PHASE 1 McMAKIN ST
259	TCP CONSTRUCTION SEQUENCE OF MISCELLANEOUS DRIVEWAYS
260	TCP DRIVEWAY CONSTRUCTION DETAIL SHEET
261 - 262	TWO WAY ROADWAY INTERSECTION PHASING
263	DRIVEWAY SIGNING
TRAFFIC CONTROL TXDOT STANDARDS	
264	+ TREATMENT FOR VARIOUS EDGE CONDITIONS
265	+ BC(1)-21
266	+ BC(2)-21
267	+ BC(3)-21
268	+ BC(4)-21
269	+ BC(5)-21
270	+ BC(6)-21
271	+ BC(7)-21
272	+ BC(8)-21
273	+ BC(9)-21
274	+ BC(10)-21
275	+ BC(11)-21
276	+ BC(12)-21
277 - 278	+ SSCB(2)-10
279	+ SLED-19
280	+ ABSORB(M)-19
281 - 282	+ LPCB-13
283	+ RW(TEW)
284	+ TCP (1-1)-18
285	+ TCP (1-2)-18
286	+ TCP (1-3)-18
287	+ TCP (1-4)-18
288	+ TCP (1-5)-18
289	+ TCP (2-1)-18
290	+ TCP (2-3)-23
291	+ TCP (2-4)-18
292	+ TCP (2-5)-18
293	+ TCP (2-6)-18
294	+ TCP (3-1)-13
295	+ TCP (3-2)-13
296	+ TCP (3-3)-14
297	+ TCP (3-4)-13
298	+ TCP (5-1)-18
299	+ TCP (6-3)-12
300	+ WZ(BRK)-13
301	+ WZ(BTS-1)-13
302	+ WZ(BTS-2)-13
303	+ WZ(RCD)-13
304	+ WZ(STPM)-23
305	+ WZ(UL)-13
306 - 309	+ TLRs (1)-17 THRU TLRs (4) - 17
III. ROADWAY DETAILS	
310	R.O.W. & SURVEY MARKERS DATA
311 - 322	GEOMETRIC LAYOUTS
323 - 330	GEOMETRIC CURVE DATA
331 - 343	REMOVAL PLAN
344 - 345	PLAN SPUR 399 SBML WIDENING
346 - 349	PLAN & PROFILE SPUR 399 SBML
350 - 351	PLAN SPUR 399 NBML WIDENING
352 - 355	PLAN & PROFILE SPUR 399 NBML
356 - 357	PLAN & PROFILE SPUR 399
358 - 364	PLAN & PROFILE SPUR 399 SBFR
365 - 366	PLAN & PROFILE SPUR 399 NBFR
367 - 372	PLAN & PROFILE SPUR 399 NBFR2
373 - 374	PLAN & PROFILE SPUR 399 NBFR1
375	PLAN & PROFILE SPUR 399 NFRAMP1
376	PLAN & PROFILE SPUR 399 NFRAMP3

VOLUME 1 - CONTINUED

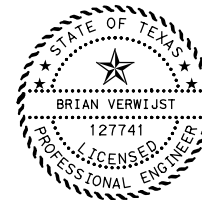
SHEETS	DESCRIPTION
377	PLAN & PROFILE SPUR 399 SFRAMP1
378	PLAN & PROFILE SPUR 399 NBFR2 RAMP (RNESTWRD)
379 - 381	PLAN & PROFILE SH 5 NB RNXSH5 RAMP
382	PLAN & PROFILE SH 5 SB RSESH5 RAMP
383 - 385	PLAN & PROFILE SH 5 SB
386	PLAN & PROFILE SH 5 NB U-TURN
387	PLAN & PROFILE SH 5 SB U-TURN
388 - 395	PLAN & PROFILE SH 5
396	PLAN & PROFILE PLATEAU DR
397	PLAN & PROFILE CRESTWOOD DR
398 - 399	PLAN & PROFILE STEWART RD
400	PLAN & PROFILE FM 546-HARRY MCKILLOP BLVD
401 - 402	PLAN & PROFILE ELDORADO PKWY-INDUSTRIAL BLVD
403 - 404	PLAN & PROFILE ALLEY OFF S TENNESSEE
405	PLAN & PROFILE FRANKLIN AVE
406	PLAN & PROFILE S TENNESSEE ST
407	PLAN & PROFILE McMAKIN ST
408 - 409	PLAN & PROFILE SIDEWALK
410 - 413	INTERSECTION LAYOUTS
414	GORE GRADING LAYOUTS NBML & NB RAMP3, NB RAMP 3 & NBFR2
415	GORE GRADING LAYOUTS NBFR2 & RNXSH5
416	GORE GRADING LAYOUTS RNESTWRD & NBFR2
417 - 418	DRIVEWAY DETAILS
419 - 420	DRIVEWAY PROFILES NORTH BOUND
421 - 422	DRIVEWAY PROFILES SOUTH BOUND
423 - 424	DRIVEWAY PROFILES CROSS STREETS
425	ROADWAY DETAILS RAIL TRANSITION DETAILS SSSTR TO T80SS
426	ROADWAY DETAILS RAIL TRANSITION DETAILS SSCB TO SSSTR
427	TRAFFIC RAIL SSSTR WITH MODIFIED WALL
ROADWAY TXDOT STANDARDS	
428	# BED-14
429	# CCCC-22
430 - 431	# CRCP (1)-23
432	# GF (31)-19
433	# GF (31)DAT-19
434	# GF (31)MS-19
435 - 436	# GF (31)TR TL3-20
437	# JS-14
438	# LJD (1-1)-07 (DAL)
439 - 442	# PED-18
443 - 445	# PRD-13
446	# QGELITE (M10) (N)-20
447	# QGELITE (M10) (W)-20
448	# SGT (10S) 31-16
449	# SGT (11S) 31-18
450	# SGT (12S) 31-18
451	# SGT (15) 31-20
452	# TAU-II-R (N)-16
453	# TAU-II-R (W)-16
454	# TE (HMAC)-11
455	# TRF
456 - 457	# TRF80
458 - 461	# TYPE C223
462 - 464	# TYPE T80SS
465	# M-10
465A	# SMTc (W)-16
465B	# REACT (W)-16



+ THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ABOVE HAVE BEEN SELECTED BY ME, OR UNDER MY RESPONSIBLE SUPERVISION, AS BEING APPLICABLE TO THIS PROJECT.

Mohammed S. Ula
MOHAMMED S. ULA, P.E.
DATE

11/14/2024



THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ABOVE HAVE BEEN SELECTED BY ME, OR UNDER MY RESPONSIBLE SUPERVISION, AS BEING APPLICABLE TO THIS PROJECT.

Brian Verwijst, P.E.
DATE

11/14/2024

NO.	DATE	REVISION	APPROVED
HDR HDR Engineering, Inc. Firm Registration No. F-754 17111 Preston Road, Suite 300 Dallas, Texas 75248 972.960.4400			
Texas Department of Transportation © 2024			
SH 5			
INDEX OF SHEETS			
N. T. S.		SHEET 1 OF 5	
DESIGN AKS	FED. RD. DIV. NO. 6	FEDERAL-AID PROJECT NO. SEE TITLE SHEET	HIGHWAY NO. SH5, ETC.
GRAPHICS AKS	STATE	DISTRICT DAL	COUNTY COLLIN SHEET NO. 1109
CHECK MH	TEXAS	SECTION CONTROL	JOB JOB
CHECK JMD	0047	05	057, ETC.