MEMORANDUM

Missouri Department of Transportation
Right of Way
Southwest District

TO: Stacy Reese
Assistant District Engineer

FROM: Andrew Ellsworth
Southwest District Right of Way Manager

DATE: January 15, 2023

SUBJECT: ADA Determination
Jasper County, Route U – LaRussell, MO

Per the guidance provided in the EPG, section 236.4.4, included with this memo please find documentation pertaining to the ownership of the right of way for the above-mentioned county, city, routes, and projects. The district right of way staff has conducted a thorough ownership and ADA responsibility determination, including researching roadway plans, deeds, dedicated subdivision plats, CRSR's, maintenance/urban/municipal agreements, and other documentation defining the ownership and responsibility for the ADA improvements for the locations identified on the attached maps.

All the MHTC ownership deeds and plan sheets were researched. Also, platted subdivisions in the Town of LaRussell were included in our research. Deeds were found along Routes U that revealed partial ownership in the Missouri Highways and Transportation Commission (MHTC). The CRSR, Urban and maintenance agreement records were also researched. There were agreements and/or other documentation that were found that covered some of the routes in the Town of LaRussell.

Our findings and determinations are listed and explained below.

ROUTE U – (North City Limits south to 2nd Street

Both Sides of Route U - From the northern city limits to 2nd Street.

Ownership for Route U through the Town of LaRussell appears to be vested by deeds to MHTC. From Station 195+60 to Station 202+72 at 2nd Street and from Station 216+24 at 5th Street thence south to Station 228+61.8 at Route F/Fir Road intersection. The right of way was acquired under Two projects: U_S-1152(4) in 1966 and S-1152(3)B in 1955. The right of way varies some in these areas from 70 and 150 feet wide. The latest plans and deeds are included in the supporting SharePoint folder that shows the right of way widths. **MHTC holds ownership to the right of way by deeds through the above-described sections of Route U and would have full ADA compliance responsibility for the sidewalks in this section.** There does not appear to be sidewalks located in the section owned by MHTC. MHTC has responsibility for any ADA sidewalk requirements and/or barriers (curb cuts, crosswalk connections, etc.) that connect to the roadway that MHTC maintains.

Route U from 202+72 at (2nd Street to 216+24 (Fifth Street) thru the Town of LaRussell

Route U from 202+72 at (2nd Street to 216+24 (Fifth Street) is owned by the Town of LaRussell by Original Plat of LaRussell dated August 1909. Town of LaRussell **holds ownership to the right of way by dedicated subdivision plat through the section of Route U described above and would have full ADA compliance responsibility for the sidewalks in this section.** The width of right of way in this section is

70 feet along Main Street. There appears to be sidewalk on both sides of the roadway along Main Street from 2nd Street to 3rd Street. MHTC only has responsibility for the driving lanes and/or barriers (curb cuts, crosswalk connections, etc.) that connect to the roadway that MHTC maintains.

Concurrence of above determination based on these findings.

Andrew Ellsworth - Southwest RW Manager

Date: 1, 23. 2023

Stacy Reese – Assistant District Engineer

Date: January 26, 2023

Route U - 195+60 to 202+72
owned by MHTC - U_S-1152(4)
(1966) - RW width 100 feet
Route U - 202+72 to 216+24 (5th
Street owned by Town of
LaRussell by Plat dated 1909 -
RW width 70 feet
Route U - 216+24 to 228+61.8
owned by MHTC - S-1152(3)B
(1955) - RW width 70 to 150 feet
5th Street
ADA Ownership Map
LaRussell, Mo.
Lawrence 1005
1005
W 1st St
T28NR29WS14
2nd St
Tom Garrison Logging & Lumber
La Russell
La Russell
3rd St
Oak St
Redline Detailing By Chris
4th St
1000
Garnet Rd
Fir Rd
Fir Rd
F
T28NR29WS1
1985
Imagery Date: 9/26/2021 37°08'36.58" N 94°04'21.08" W elev 1026 ft eye alt 8429 ft

LOCATION MAP

MISSOURI
STATE HIGHWAY COMMISSION
PLAN AND PROFILE OF PROPOSED
STATE ROAD

FEDERAL AID PROJECT

JASPER COUNTY
LAWRENCE "

COUNTY: JASPER - [redacted]
STATE ROUTE NO.: U [redacted]
PROJECT NO.: S-1152(3) B

SUBMITTED BY [redacted] DATE [redacted]

[redacted]

CHIEF ENGINEER
MISSOURI STATE HIGHWAY COMMISSION

CONVENTIONAL SIGNS

STATE AND NATIONAL LINE
COUNTY LINE
CITY, VILLAGE OR BOROUGH
TOWNSHIP LINE
SECTION LINE
GRANT LINE
FENCE LINE
GUARD RAIL
UNFENCED PROPERTY
RIGHT OF WAY LINE
TRAVELED WAY
RAILROADS
RETAINING WALL
BASE OR SURVEY LINE
LEVEE
CULVERTS
DROP INLET
TROLLEY POLE
POWER POLE
TELEPHONE OR TELEGRAPH POLE
MARSH
HEDGE
GROUND ELEVATION
GRADE ELEVATION
SURFACE LINE
GRADE LINE

VISIONS
8-5-45
7-1-50
11-14-50

SECTIONS ON TANGENT

SECTIONS ON SUPERELEVATED CURVE

SECTIONS IN UNDERGRADED CUTS

TYPICAL SECTION FOR RECONDITIONING ROADWAY

GENERAL NOTES:—

Machine Grading and Reconditioning Rdwy shall be completed in accordance with these Typical Sections using the standard depth of ditch except as otherwise noted on Plan Sheets and as required to provide proper drainage. Covering of at least 1 foot will be required over all drainage structures located within machine and Reconditioning Rdwy sections.

In transitioning from one slope to another, use a 25 foot length of transition.

All information shown on these TYPICAL SECTIONS is for the purpose of indicating the required parabolic crown on tangent section, and general design and construction details. Actual construction of roadbed widths, slopes, depth and width of ditches, undergraded cuts and other features shall conform to the details shown on CROSS-SECTIONS and PLAN & PROFILE Sheets or as directed by the Engineer.

Hand finishing of side slopes of cuts and fills will not be required. Machine finishing to a smooth plane will be considered satisfactory.

Unless otherwise shown on the plans, the roadway ditch at all cross road culverts shall be widened to five (5') feet at the inlet with a fifty (50') foot transition to the standard roadway ditch. In "Machine Grading" limits the cost of this excavation is to be included in the contract unit price for Machine Grading.

The cost of constructing Ditch Blocks in "Machine Grading" limits is to be included in the contract unit price for "Machine Grading".

SCHEME OF WIDENING AND SUPERELEVATION TRANSITION

SUPERELEVATION AND WIDENING DATA

Degree of Curve Dc	Design Speeds: 30 or Less S	W	LT	35 M.P.H. S	W	LT	40 M.P.H. S	W	LT	45 M.P.H. S	W	LT	50 M.P.H. S	W	LT	55 M.P.H. S	W	LT
0° to 1°00'	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1°01' to 1°30'	.01	0	150	.01	0	150	.02	0	150	.02	0	150	.02	0	150	.03	0	150
2°00'	.01	0	150	.02	0	150	.02	0	150	.03	0	150	.03	0	150	.04	0	150
2°30'	.01	0	150	.02	0	150	.03	0	150	.03	0	150	.04	0	150	.05	0	150
3°00'	.02	0	150	.02	0	150	.03	0	150	.04	0	150	.05	0	150	.06	0	150
3°30'	.02	0	150	.03	0	150	.04	0	150	.05	0	150	.06	0	150	.07	0	150
4°	.02	0	150	.03	0	150	.04	0	150	.05	0	150	.06	0	150	.08	0	200
5°	.03	0	150	.04	0	150	.05	0	150	.07	0	150	.08	0	150	.08	2.0'	250
6°	.03	0	150	.05	0	150	.06	0	150	.08	0	150	.08	2.0	200	.08	2.0'	300
7°	.04	0	150	.06	0	150	.07	0	150	.08	2.0'	200	.08	2.0	250	.08	2.0'	350
8°	.05	0	150	.06	0	150	.08	2.0	150	.08	2.0'	200	.08	2.0	300	7° MAX. CURVE		
9°	.05	2.0'	150	.07	2.0'	150	.08	2.0	150	.08	2.0'	250	.08	3.0	300			
10°	.06	2.0	150	.08	2.0'	150	.08	2.0	200	.08	3.0'	250	9° MAX. CURVE					
11°	.06	2.0'	150	.08	2.0'	150	.08	3.0	200	.08	3.0	300						
12°	.07	2.0'	150	.08	2.0'	150	.08	3.0	200	11° MAX CURVE								
13°	.07	2.0'	150	.08	3.0'	150	.08	3.0	250									
14°	.08	2.0'	150	.08	3.0'	150	.08	3.0	250									
15°	.08	3.0'	150	.08	3.0'	200	14° MAX. CURVE											
15°00' to 22°59'	.08	3.0'	150	.08	3.0' -	200												
23°00' to 23°59'	.08	4.0'	150	18° MAX. CURVE														
24°00' & above	.08	4.0'	200															

— NOTES —

S-denotes Superelevation in feet per foot.

W-denotes Widening of surfacing and inside shoulder in feet

LT-denotes length of Superelevation and/or Widening transition in feet.

Crown is to be eliminated on all Superelevated Curves.

Values for degrees of curve not shown in above table shall be identical with those for the nearest tabulated curve. In case of tie, use values for next higher degree curve.

MISSOURI STATE HIGHWAY COMMISSION

TYPICAL SECTIONS

FOR

24 FT. GRADED EARTH

FOR

SUPPLEMENTARY ROADS

(DESIGN SPEED 35 M.P.H.)

ROUTE: SU COUNTY: LAWRENCE JASPER

PROJ. ~~OR SEC.~~: S-1152(3), Sec. A & B

IAC-7

APPROVED ENGR. SURVEYS AND PLANS

APPROVED CHIEF ENGINEER

REVISED		
11-12-54		

LOCATION From the Lawrence County Line Southwest Through LaRussell To Rte 5F

TYPE 24' GE, Culverts, & Chat Surfacing

MISSOURI STATE HIGHWAY COMMISSION

SUMMARY OF QUANTITIES

FINAL PLANS

FED. ROAD DIST. No.	STATE	PROJECT	FISCAL YEAR	SHEET No.	TOTAL SHEETS
5	MO.	S-1152 (3) Sec. B		2A	7
DIST. No.	COUNTY			ROUTE	SEC. No.
7	JASPER			54	

Excavation

Station	Haul in Roadway	MG Cl. 1	MG Cl. 2
159+35.5			
165+00			4.5
172+00	7.0		
184+61.5			10.9
186+40.0 (Bridge)			
190+00		3.6	
198+00			9.0
223+50	24.5		
229+27.8			5.8
229+36.8 Grading Exception			
Sub-Total	31.5	3.6	30.2
Approx.		7.0	
Total	31.5	10.6	30.2

Clearing & Grubbing

Sheet No.	Clear Units	Grubb Units
3	21	24
4	58	22
5	58	24
Total Units	117	70
Total Acres	1.3	0.8

Culvert & Pipe & Approaches

Station	Type and Location	12"	15"	18"	24"	Cl. 3 Exc.	Surf. Cl.	MG-1
160+85	PE Lt.						3	0.3
161+67	SR Lt.						9	0.8
162+92	PE Rt.						4	0.3
167+67	PE Rt.						6	0.3
174+67	FE Rt.							0.3
176+00	E			38'		10.5		
183+78	FE Rt.							0.3
183+72	FE Lt.							0.3
195+70	PE Rt.						3	0.3
195+70	PE Lt.						3	0.3
198+20	SR Lt.			38'			6	0.5
198+20	SR Rt.						6	0.3
202+25	PE Lt.			28'			2	0.3
202+66.5	FE Rt.		26'					0.3
202+72	SR Lt.		38'				4	0.5
203+90	PE Rt.		28'				3	0.3
205+10	PE Lt.		28'				3	0.3
205+73	PE Lt.		30'				3	0.3
206+11	PE Lt.						2	
207+44	SR Rt.						3	
207+44	SR Lt.						3	
210+00	PE Rt.						3	
211+74.5	SR Lt.						6	
211+74.5	SR Rt.						6	
214+00	PE Lt.						2	
215+99	PE Rt.						2	
216+24	SR Lt.						6	
216+42	PE Rt.						2	
217+37	PE Lt.						3	
218+21	PE Rt.						3	
218+59	FE Lt.	26'						0.8
219+63	FE Rt.	26'						0.3
222+00	PE Lt.		28'				3	0.8
225+66.7	E				34'	4		
228+86.8	E		42'			21		
229+36.8	Pile Cap						18	
Totals		52'	220'	104'	34'	40.5	119 *	7.0

Length of Project

Remarks			
	End of Project	Station	229+36.8
Crown	Beginning of Project	Station	159+35.5
Crown	Apparent Length		7001.3 Feet
Crown	Equations and Exceptions:		
Valley End	Sta. 163+41.9 BL = Sta. 164+54.3 Ahd = -112.4 ft		
See State Culvert Pipe	Sta. 179+11.7 Ah = Sta. 180+88.2 Ahd = -176.5 ft		
Crown			
Crown	Total Corrections		288.9 Feet
Crown	Net Length of Project		6712.4 Feet
Crown	State Length =		1.271 Miles
	Federal Length =		1.234 Miles
Crown			

Federal Length

End Federal Aid Improvement Sta.	229+27.8	
Beginning Federal Aid Improvement Sta.	159+35.5	
Apparent Length	6992.3	Feet
Exceptions:		
U.I.P. Low-Water 'X'ing Sta. 184+61.5 - Sta. 185+41.0 = -	17.9.5'	
U.I.P. RR 'X'ing Sta. 194+55 to Sta. 194+62.35 = -	8.3'	
U.I.P. Result of Equations (See State Length) = -	288.9'	
U.I.P. Total Corrections = -	476.7	Feet
U.I.P. Net Length of Project	6515.6	Feet
U.I.P.	1.234	Miles
U.I.P.		
U.I.P.		
Valley End		
U.I.P. Chat Surface		
Valley End		
U.I.P. Book No.	Cu. Yds.	
1	594	
2	369	
Total	963	

* Included in Book Totals.

Removal of 4 Existing Structures (Culvts.) as per original Plan

State Furnished Pipe

Station	Location	Length	Remarks
174+67	FE Rt.	15" x 28'	See Approx.

General Summary

ITEM NO.	DESCRIPTION	UNIT	TOTAL UNITS	NO. UNITS FED. AID ONLY
1A-A	Clearing	Acre	1.3	
1A-B	Grubbing	Acre	0.8	
1-I	Class 3 Exc. Structures	Cu. Yd.	40.5	
1A-O	Machine Grading (Class 1)	Station	10.6	
1A-OO	Machine Grading (Class 2)	Station	30.2	
1A-Q	Reconditioning Roadway	Station	91.5	
13-A	Chat Surface	Cu. Yd.	963	
18-B	12" Corr. Metal Culv. Pipe	Lin. Ft.	52	
18-B	15" Corr. Metal Culv. Pipe	Lin. Ft.	220	
18-B	18" Corr. Metal Culv. Pipe	Lin. Ft.	104	
18-B	24" Corr. Metal Culv. Pipe	Lin. Ft.	34	
33-A	Removal of (4) Existing Structs. (Culvts.)	Lump Sum	1	
	Contingent			
	Laying State Furnished Pipe	Lin. Ft.	28	

Prepared By J. W. Gordon Date 5-2 1956 Checked in Dist. Office By M. Traynor Date 5-8, 1956 Checked in Central Office By _____ Date _____ 19__ Revised By _____ Date _____ 19__

(2)

FED. ROAD DIST. NO.	STATE	FEDERAL PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	MS	S-1152(3) SEC. B		3	7
DIST. NO.	COUNTY			ROUTE	SEC.
7	JASPER			U	

FINAL PLANS

DIST. NO.	STATE	FEDERAL PROJECT No.	REG. NO.	SHEET NO.	TOTAL SHEETS
5	MO	S-1152(3) SEC.-B		4	7D
DIST. NO.		COUNTY		FOLIO	SEC.
7		JASPER		41	

FINAL PLANS

PLAN
SURVEYED F.E.R.D. DATE 9-1-
PLOTTED
NOTE BOOK ALIGNMENT CHECKED
NO. PT. OF WAY CHECKED

PROFILE
SURVEYED DATE
PLOTTED
NOTE BOOK GRADES CHECKED
NO. STRUCTURE NOTE ITEMS CHKD.

PROJECT NO.	STATE	FEDERAL PROJECT NO.	SHEET NO.	TOTAL SHEETS
5	MO	S-1152(3) SEC. B	5	7
DIST. NO. 7	COUNTY JASPER			U

FINAL PLANS

PLATE 1—PLAN-PROFILE O.P.R. & R.E. STANDARD
U. S. BLVD. Chicago

PLAN
SURVEYED J. H. Blum
PLOTTED Jones & Moore 1926
NOTE BOOK POSTED & CHKD
AREAS CHECKED BY OTHERS
NO. STRUCTURE NOTATIONS CHKD.

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
NOTE BOOK
NO.
STRUCTURE NOTATIONS CHKD.

LIST OF STANDARD PLANS

PROJ.	SHEET
S-1152(3) B	8
CO. JASPER	RTE. 4

1BB-3		

8 of 8

J7S3506 - City of La Russell

February 5, 2023

1:6,000

0 0.04 0.08 0.16 mi

0 0.07 0.13 0.26 km

Missouri Department of Transportation

= PROJECT LIMITS (Route U)