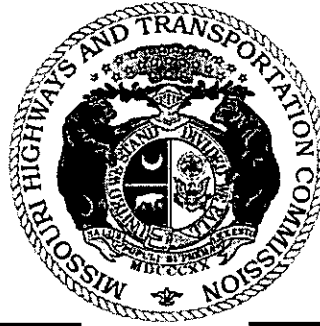


PATRICK K. MCKENNA
Director

PAMELA J. HARLAN
Secretary to Commission

RICH TIEMEYER
Chief Counsel



Terri Parker.
Regional Counsel
Regional Counsel's Office
1511 Missouri Blvd., P.O. Box 718
Jefferson City, MO 65102
(573) 751-7451

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

December 21, 2022

Kay Brown
County Clerk
kaybrown@christiancountymo.gov

(Via E-Mail)

RE: Condemnation Petition's Certified Plans
Missouri Highways and Transportation Commission (MHTC) v. Casey's Marketing Company

Dear Ms. Brown,

The Missouri Highways and Transportation Commission filed the above condemnation action in Christian County with the Christian County Circuit Court on December 20, 2022. Section 227.050 RSMO states that the county clerk be furnished a copy of plans for public information described in the petition.

Please find attached to the email with this letter, a copy of the plans for Project J8S3138, Christian County, along Route 160 and Route CC/English Valley Park.

You can contact me at (573)508-2199 or harley.hamlett@modot.mo.gov if needed. Thank you.

Sincerely,
/s/ Harley Hamlett

Harley Hamlett
Paralegal

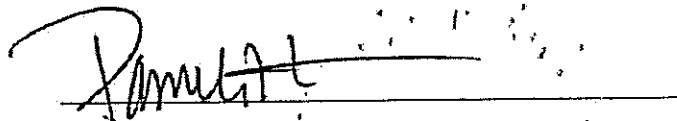
Job Number: J8S3138

Re-Certification of Commission
Approval of Right of Way Plans

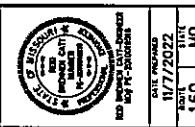
I, Pamela Harlan, hereby certify, as the duly appointed and acting Secretary to the Missouri Highways and Transportation Commission, having custody of all records of the Missouri Highways and Transportation Commission, that said Commission did on the 9th day of September 2022, and again on the 6th day of December, 2022, approve the recommendation of Deputy Director/Chief Engineer, Ed Hassinger or his designate as to detail plans, width of right-of-way, surfaced roadway, type and character of construction and controlled access, to a section of state highway in Christian County, Missouri, designated as Route 160, a highway improvement project including intersection improvements, together with any incidental work on the above state road from Route 160 and Route CC/English Valley Park, Station 22+24.81 to Station 45+37.31, from Station 0+76.00 to Station 12+86.69 and from Station 1+77.42 to Station 4+56.00, the total length being 0.720 miles, per Section 227.050 RSMo.

I further certify that the seal affixed hereto is the official seal of the Missouri Highways and Transportation Commission which can be judicially noticed by the Circuit Courts of the state under Section 226.100 RSMo.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed
the seal of said Commission at my office in Jefferson City, Missouri, this
9th day of December, 2022



Secretary to the Missouri Highways
and Transportation Commission



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65101
 (314) 864-5200

PROJECT NO. _____
 ROUTE NO. _____
 CONTRACT NO. _____
 DATE _____

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65101
 (314) 864-5200

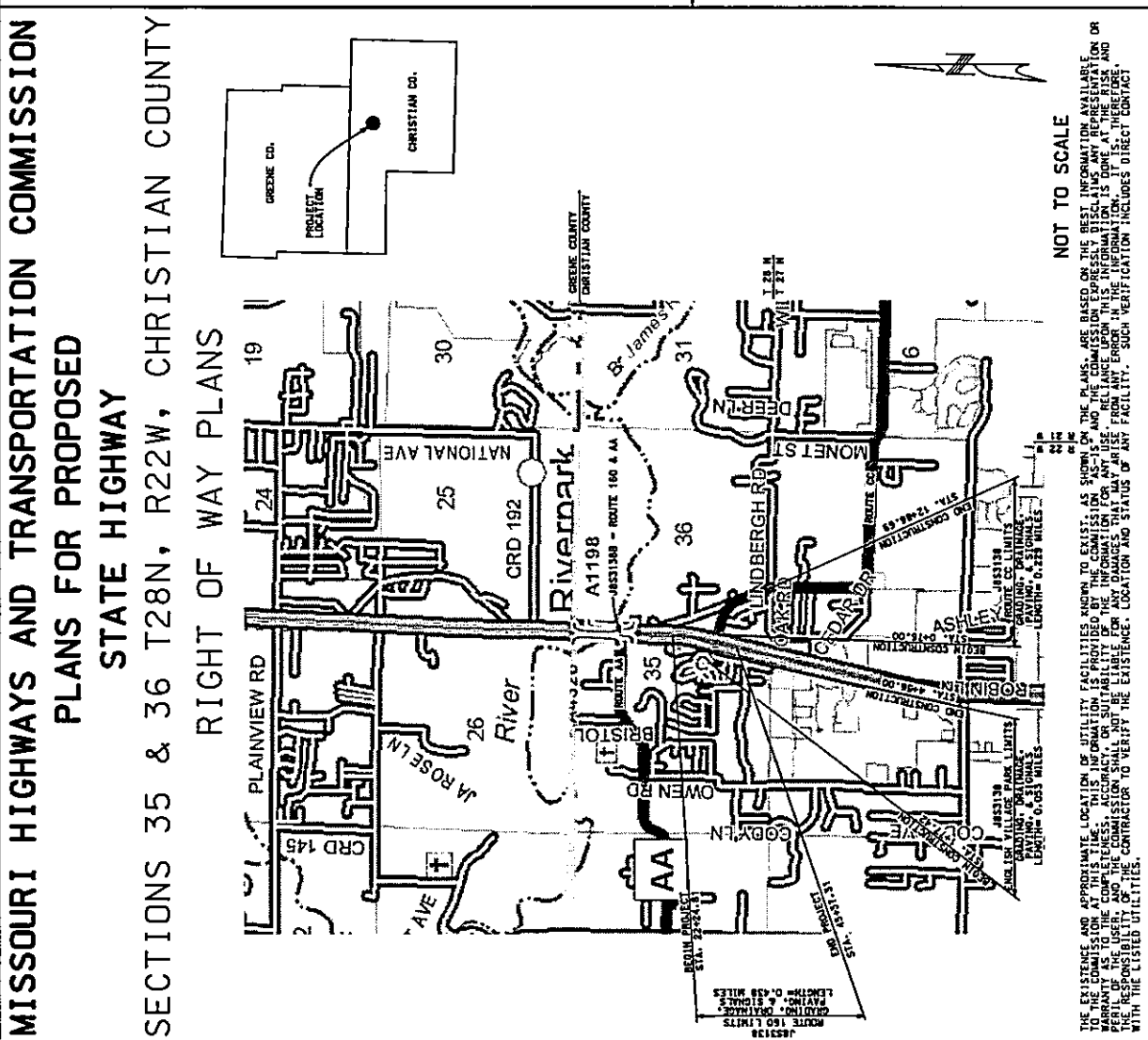
550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (10 SHEETS)	2
PLAN PROFILE (PP)	4-15
COORDINATE POINTS (CP)	16

LENGTH OF PROJECT

ROUTE	STATIONING	LENGTH (FEET)
RTE 160	STA. 22+64.81	
BEGINNING OF PROJECT	STA. 43+37.31	
END OF PROJECT		2312.80 FEET
APPARENT LENGTH		
RTE CC	STA. 0+76.00	
BEGINNING OF PROJECT	STA. 12+86.69	
END OF PROJECT		1010.68 FEET
APPARENT LENGTH		
ENGLISH VILLAGE PARK	STA. 1+77.42	
BEGINNING OF PROJECT	STA. 4+58.00	
END OF PROJECT		278.58 FEET
APPARENT LENGTH		
EQUATIONS AND EXCEPTIONS:		
TOTAL CORRECTIONS		0.0 FEET
NET LENGTH OF PROJECT		3001.77 FEET
STATE LENGTH		0.720 MILES
APPARENT LENGTH		7.50 ACRES
EXHIBITS DISTURBED ACRES		



DESIGN DESIGNATION

A.A.D.T. - 2002 - 31,700
 A.A.D.T. - 2002 - 40,254
 D.H.V. - 9.4%

T = 7.5%

V = 60 M.P.H.
 D = 60%/80%

FUNCTIONAL CLASSIFICATION - EXPRESSWAY

FULLY CONTROLLED ACCESS HIGHWAY

THIS SHALL BE A FULLY CONTROLLED ACCESS HIGHWAY WITH INTERCHANGES AND FULLY CONTROLLED ACCESS ON ALL APPROXIMATELY 1/4 MILE SPACED INTERCHANGES. ACCESS TO AND FROM THE HIGHWAY SHALL BE LIMITED TO THE INTERCHANGES AND TO FULLY CONTROLLED ACCESS POINTS. ACCESS TO AND FROM THE HIGHWAY SHALL BE LIMITED TO THE INTERCHANGES AND TO FULLY CONTROLLED ACCESS POINTS. ACCESS TO AND FROM THE HIGHWAY SHALL BE LIMITED TO THE INTERCHANGES AND TO FULLY CONTROLLED ACCESS POINTS.

CONVENTIONAL SYMBOLS (USED IN PLANS)

EXISTING NEW

BUILDINGS AND STRUCTURES

GUARD WALL

UNDERGROUND CABLE TV

UNDERGROUND TELEPHONE

OVERHEAD TELEPHONE

OVERHEAD POWER

UNDERGROUND POWER

UNDERGROUND SEWER

UNDERGROUND WATER

MARKER

FIRE HYDRANT

WATER VALVE

WATER METER

DITCH INLET

DITCH BLOCK

GROUND MOUNTED SIGN

LIGHT POLE

H-FRAME POWER POLE

TELEPHONE PEDESTAL

CHAIN LINK FENCE

WATER BUTTE

GATE POST

BENCHMARK

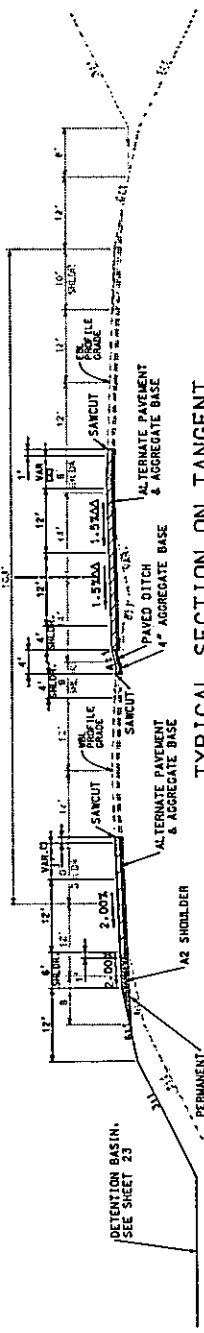
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

THIS SHALL BE A FULLY CONTROLLED ACCESS HIGHWAY WITH INTERCHANGES AND FULLY CONTROLLED ACCESS ON ALL APPROXIMATELY 1/4 MILE SPACED INTERCHANGES. ACCESS TO AND FROM THE HIGHWAY SHALL BE LIMITED TO THE INTERCHANGES AND TO FULLY CONTROLLED ACCESS POINTS. ACCESS TO AND FROM THE HIGHWAY SHALL BE LIMITED TO THE INTERCHANGES AND TO FULLY CONTROLLED ACCESS POINTS. ACCESS TO AND FROM THE HIGHWAY SHALL BE LIMITED TO THE INTERCHANGES AND TO FULLY CONTROLLED ACCESS POINTS.

NOTE: SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE CROSS SECTION. THE CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY IF ASPHALT ALTERNATE IS USED.

SURFACE PROFILE AND CROSS SECTIONS SHOULD BE DESIGNED FOR THE THINNER PAVEMENT DESIGN. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE STRUCTURES. SHOULD BE DESIGNED TO ACCOMMODATE A MINIMUM COVER BASED ON THE THICKER PAVEMENT DESIGN.

Ø RTE 160 MEDIAN

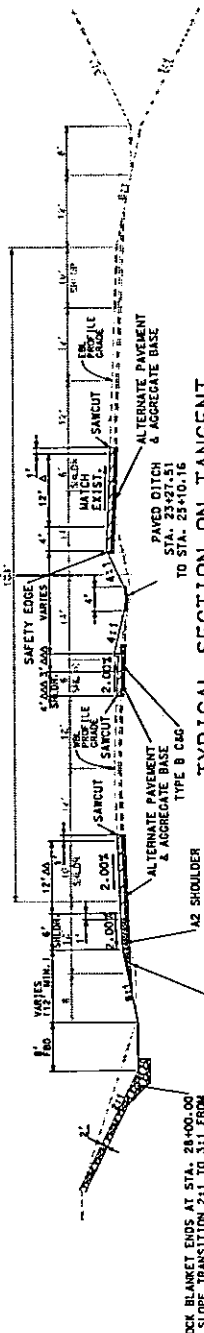


TYPICAL SECTION ON TANGENT

ROUTE 160

STA. 30+57.44 TO STA. 32+35.17
 Δ SEE SUPERELEVATION TABLE
 Δ TRANSITION FROM 0' TO 18" FROM STA. 30+57.44 TO STA. 32+35.17
 Δ TRANSITION FROM 0' TO 10" FROM STA. 31+44.81 TO STA. 32+40.32

Ø RTE 160 MEDIAN

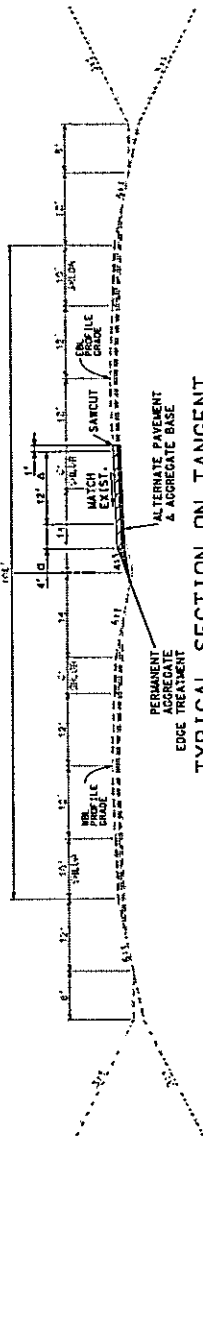


TYPICAL SECTION ON TANGENT

ROUTE 160

STA. 23+27.44 TO STA. 30+57.44
 Δ TRANSITION 0' TO 12" FROM STA. 22+24.81 TO STA. 24+04.81
 Δ TRANSITION 12" TO 24" FROM STA. 25+34.81 TO STA. 27+14.81
 Δ TRANSITION 0' TO 12" FROM STA. 23+27.44 TO STA. 26+27.44
 Δ TRANSITION 6" TO 4" FROM STA. 25+34.82 TO STA. 29+96.72

Ø RTE 160 MEDIAN



TYPICAL SECTION ON TANGENT

ROUTE 160

STA. 22+24.81 TO STA. 23+27.44
 Δ TRANSITION 0' TO 12" FROM STA. 22+24.81 TO STA. 24+04.81
 Δ TRANSITION 12" TO 24" FROM STA. 25+34.81 TO STA. 27+14.81
 Δ TRANSITION 6" TO 4" FROM STA. 27+14.81 TO STA. 31+74.81
 Δ TRANSITION 6" TO 4" FROM STA. 22+24.81 TO STA. 22+57.25

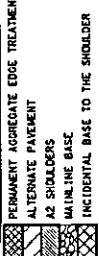
NOT TO SCALE

ASPHALT FACTORS

MATERIAL	TENSILE STRENGTH, % OF A.C.
SP125C PFTO-22	1.970 5-2X
SP250C PFTO-22	1.995 4-3X
SP250C PFTO-22	1.995 4-3X

FACE SEAL APPLICATION RATE

160 MO	0.15 GAL/100
PRIME MC 100 APPLICATION RATE	0.15 GAL/100

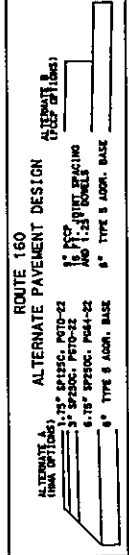


NOTES: CROSS SECTIONS AND PLAN SHEETS FOR CROSS SLOPES, SLOPE TRANSITIONS, AND DITCHES, SLOPE TRANSITIONS AND DITCHES. FOR DETAILS OF PAVEMENT AND TYPICAL SECTIONS FOR MEDIAN CROSSOVERS SEE SPECIAL SHEETS. VERTICAL CURVE CUT WILL BE IMPROVEMENTS.

SEE STANDARD PLANS 401.00 FOR SAFETY EDGE DETAIL.
 SEE TYPICAL SECTION SHEET 8 OF PERMANENT AGGREGATE EDGE TREATMENT DETAIL.

SUPERELEVATION

SS LT STA.	TURN LN	RT STA.
1.800	10230.11	11230.11
1.800	11230.11	12230.11



ROUTE 160 ALTERNATE PAVEMENT DESIGN
 1.5" SP125C PFTO-22
 3" SP250C PFTO-22
 6" TYPE 8 AGGR. BASE
 6" TYPE 8 AGGR. BASE

Olsson
 550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592

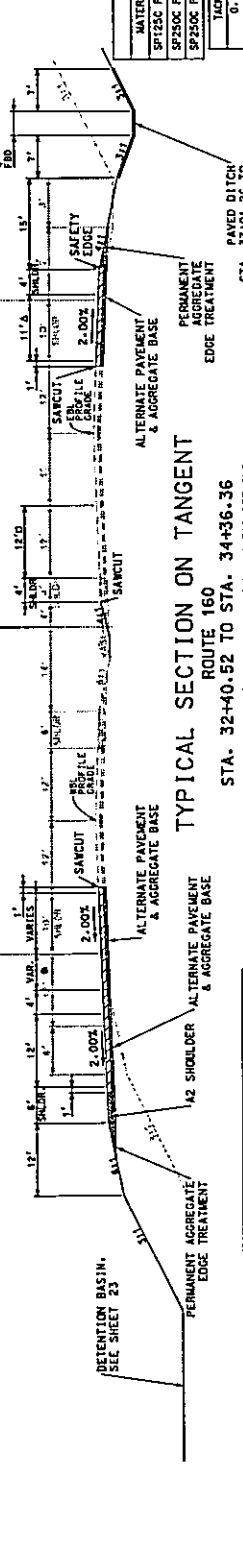


MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 SPRINGFIELD, MO 65803
 TEL: 432-1212 FAX: 432-4393
 1-888-452-4207

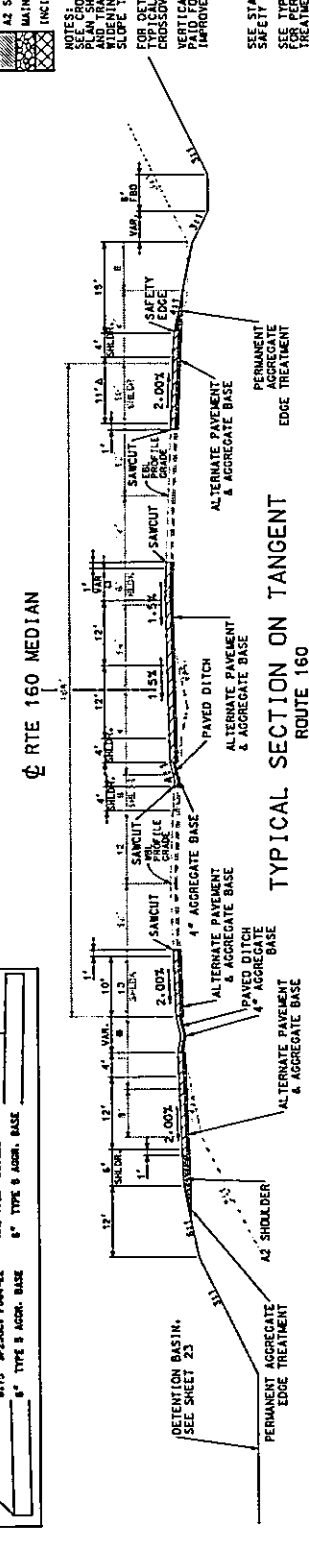
NOTES:
 CROSS SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE PAVEMENT PROFILE FOR SIDEWALKS AND CEMENT CONCRETE PAVEMENT FOR OTHER AREAS. IF ASPHALT ALTERNATE IS USED, THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE PROFILE GRADE OR EITHER PAVING OR GRADING WITH A MINIMUM COVER BASED ON THE THICKER PAVEMENT DESIGN.



TYPICAL SECTION ON TANGENT
ROUTE 160
 STA. 34+36.36 TO STA. 34+36.75
 TRANSITION 0' TO 12' FROM STA. 32+81.67 TO STA. 34+82.00
 TRANSITION 0' TO 11' FROM STA. 33+02.00 TO STA. 34+82.00



TYPICAL SECTION ON TANGENT
ROUTE 160
 STA. 32+40.52 TO STA. 34+36.36
 * WIDTH VARIES 2' MINIMUM. SEE PLANS FOR DETAILS
 TRANSITION 0' TO 12' FROM STA. 32+81.67 TO STA. 34+82.00
 TRANSITION 0' TO 11' FROM STA. 33+02.00 TO STA. 34+82.00



TYPICAL SECTION ON TANGENT
ROUTE 160
 STA. 32+35.17 TO STA. 32+40.52
 * WIDTH VARIES 2' MINIMUM. SEE PLANS FOR DETAILS
 A RIGHT TURN LANE STARTS AT STA. 33+02.00
 TRANSITION 0' TO 11' FROM STA. 33+02.00 TO STA. 34+82.00
 TRANSITION FROM 0' TO 18' FROM STA. 30+57.44 TO STA. 32+35.17
 TRANSITION FROM 0' TO 16' FROM STA. 31+74.81 TO STA. 32+40.52

NOT TO SCALE

ROUTE 160
ALTERNATE PAVEMENT DESIGN
 (TOP OF FINISH)

1" PCP	1" TYPE 3 AGGR. BASE
3" SP250C P170-22	6" TYPE 3 AGGR. BASE
6" SP250C P170-22	10" TYPE 3 AGGR. BASE
6" SP250C P170-22	12" TYPE 3 AGGR. BASE
6" SP250C P170-22	15" TYPE 3 AGGR. BASE

MATERIAL	TONS/C.Y. 2' OF A.C.
SP125C P170-22	1.970 5.23
SP250C P170-22	1.995 4.33
SP250C P164-22	1.995 4.32

TACK COAT APPLICATION RATE
 0.10 GAL/70' (UNLIMITED)

PRIME AC 100 APPLICATION RATE
 0.25 GAL/70'

PERMANENT AGGREGATE EDGE TREATMENT
 A2 SHOULDER

HAIRLINE BASE
 INCIDENTAL BASE TO THE SHOULDER

NOTES:
 * BASE SECTIONS AND EARTHWORK ARE BASED ON THE CONCRETE PAVEMENT PROFILE FOR SIDEWALKS AND CEMENT CONCRETE PAVEMENT FOR OTHER AREAS.
 * IF ASPHALT ALTERNATE IS USED, THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE PROFILE GRADE OR EITHER PAVING OR GRADING WITH A MINIMUM COVER BASED ON THE THICKER PAVEMENT DESIGN.

SEE STANDARD PLANS 401.00 FOR SAFETY EDGE DETAIL.
 SEE TYPICAL SECTION SHEET B OF 15 FOR PERMANENT AGGREGATE EDGE TREATMENT DETAIL.

ROUTE 160
 TYPICAL SECTION
 SHEET 2 OF 15

DATE 11/7/2022
 DRAWING NO. 160
 SHEET NO. 2

DESIGNER: CHRISTIAN
 PROJECT NO.: J853138

DESCRIPTION: MISSOURI HIGHWAYS AND TRANSPORTATION
 DATE: 11/7/2022

PROJECT NO.: J853138
 CONTRACT ID: _____
 COUNTY: CHRISTIAN
 TOWNSHIP: _____
 SURVEY: _____

Missouri Highways and Transportation Commission
MDOT
 108 WEST CAPITOL
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001922

10/17/2022

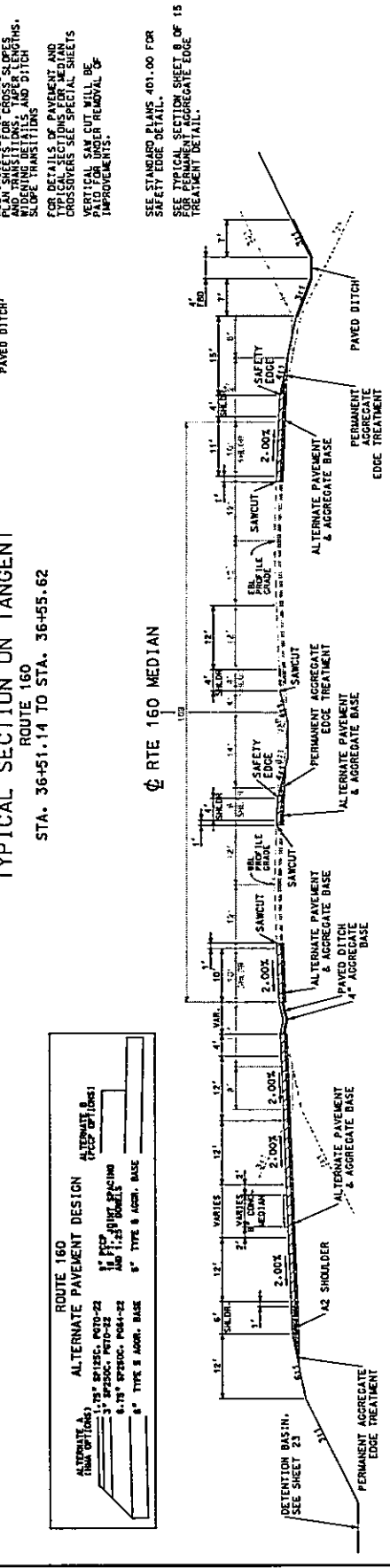
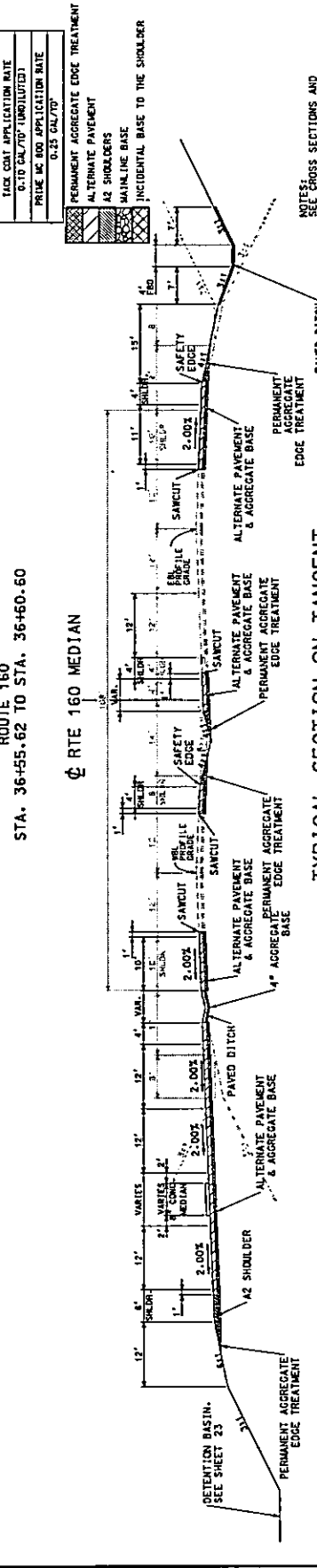
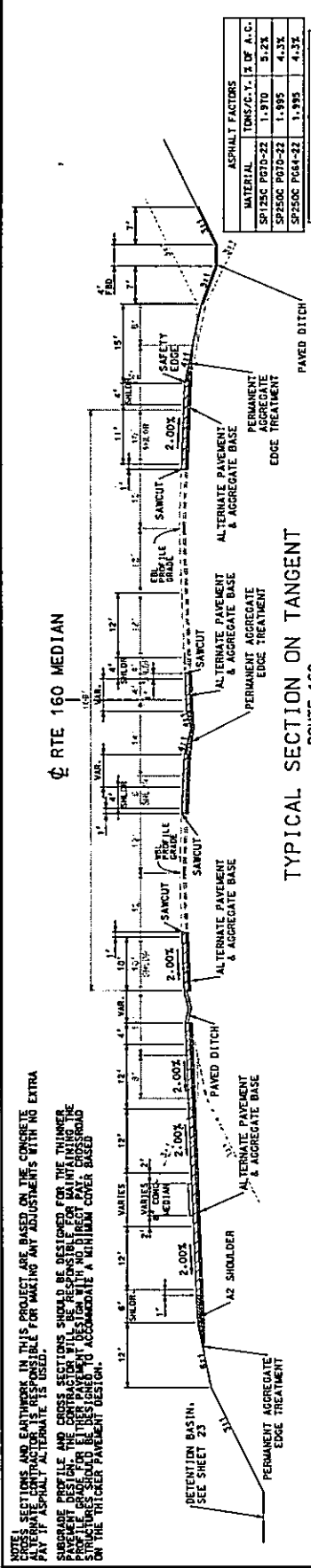
DATE: 11/7/2022
 DRAWN BY: MTD
 SCALE: 1" = 40'-0"

PROJECT NO.:
 CONTRACT NO.: J855138
 CONTRACTOR: CHRISTIAN
 COUNTY: MISSOURI

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 108 WEST CAPITOL
 SPRINGFIELD, MO 65806
 1-888-455-4600 EXT. 4138 (MOBILE) 4139 (FAX)

Ossison
 550 S. LOUIS STREET
 SPRINGFIELD, MO 65806
 CENTIFURC # 01592
 AUTHORITY NO. 001592



NOTES: SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE ALTERNATE. CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY IF ASPHALT ALTERNATE IS USED.
 SURFACE PROFILE AND CROSS SECTIONS SHOULD BE DESIGNED FOR THE THINNER PAVED SECTION. BASE COURSE FOR THE THINNER SECTION SHOULD BE DESIGNED TO ACCOMMODATE A MINIMUM COVER BASED ON THE THINNER PAVEMENT DESIGN.

ASPHALT FACTORS
 TONS/CY, 1/2 OF A.C.

SPI25C P020-22	1.970	5.2%
SPI25C P020-22	1.995	4.5%
SPI25C P024-22	1.995	4.5%

TACK COAT APPLICATION RATE
 0.10 GAL/100' (UNDILUTED)
 PRIME W/ 100' APPLICATION RATE
 0.25 GAL/100'

- PERMANENT AGGREGATE EDGE TREATMENT
- ALTERNATE PAVEMENT
- A2 SHOULDERS
- MAINLINE BASE
- INCIDENTAL BASE TO THE SHOULDER

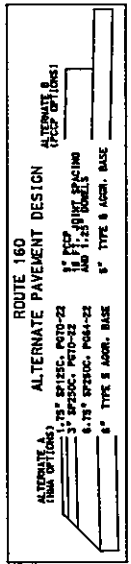
NOTES:
 REEL CROSS SECTIONS AND CROSS SECTIONS, TOP LENGTHS, AND TRANSITING, TOP LENGTHS, SLOPE INDICATIONS, AND DITCH CROSSOVERS SEE SPECIAL SHEETS FOR PERMANENT AGGREGATE EDGE TREATMENT DETAIL.

SEE STANDARD PLANS 401.00 FOR SAFETY EDGE DETAIL.
 SEE TYPICAL SECTIONS SHEET 8 OF 15 FOR PERMANENT AGGREGATE EDGE TREATMENT DETAIL.

ROUTE 160
 TYPICAL SECTION
 SHEET 3 OF 15

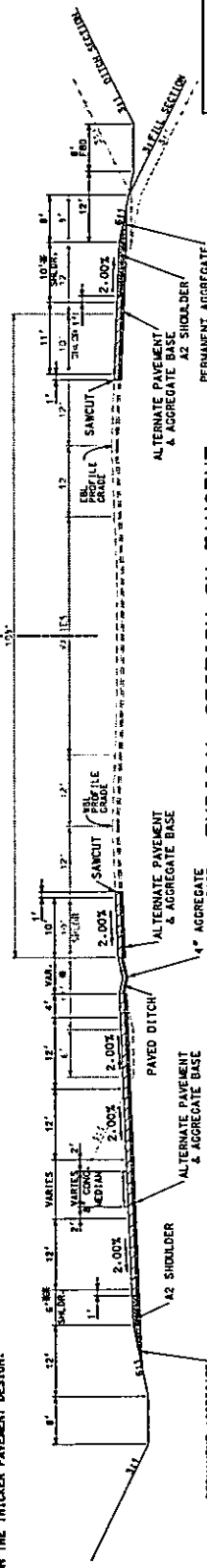
ROUTE 160
 TYPICAL SECTION ON TANGENT
 STA. 36+51.14 TO STA. 36+55.62

ROUTE 160
 TYPICAL SECTION ON TANGENT
 STA. 36+36.75 TO STA. 36+51.14



NOTES: CROSS SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE ALTERNATE. CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY. 1" ASPHALT ALTERNATE IS USED.
 SUBGRADE & BASE COURSE SHALL BE DESIGNED FOR THE FINISHED PROFILE GRADE. FOR EITHER PAVEMENT DESIGN WITH MINIMUM COVER BASED ON THE THICKER PAVEMENT DESIGN.

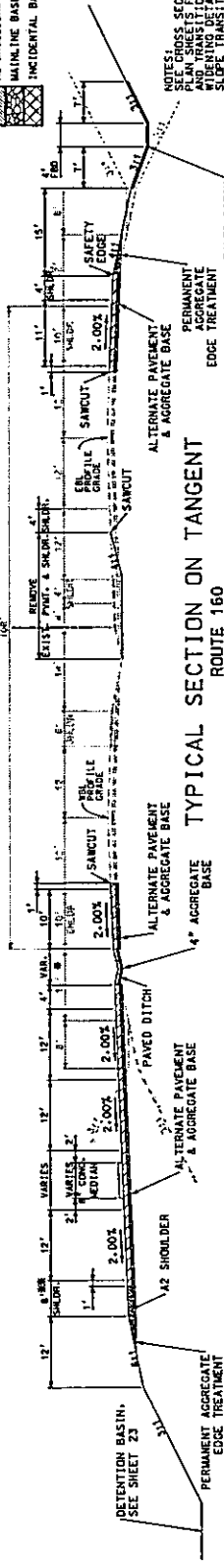
Φ RTE 160 MEDIAN



TYPICAL SECTION ON TANGENT ROUTE 160

STA. 38+68.34 TO STA. 39+48.20
 * FULL DEPTH SHOULDER STARTING AT STA. 37+92.00
 ** FULL DEPTH SHOULDER STARTING AT STA. 37+92.00

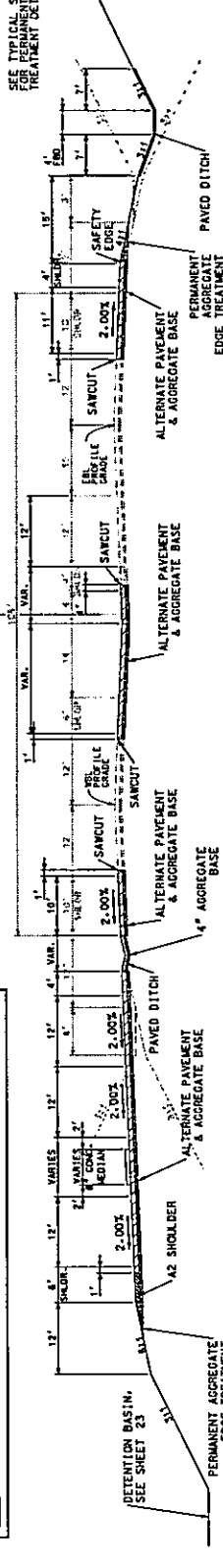
Φ RTE 160 MEDIAN



TYPICAL SECTION ON TANGENT ROUTE 160

STA. 36+84.23 TO STA. 38+68.34
 * FULL DEPTH SHOULDER STARTING AT STA. 37+92.00
 ** FULL DEPTH SHOULDER STARTING AT STA. 37+92.00

Φ RTE 160 MEDIAN



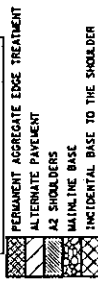
TYPICAL SECTION ON TANGENT ROUTE 160

STA. 36+60.60 TO STA. 36+84.23

NOT TO SCALE

ASPHALT FACTORS		
MATERIAL	TONS/C.Y.	% OF A.C.
SP125C PG70-22	1.970	5.2%
SP230C PG70-22	1.995	4.3%
SP230C PG64-22	1.995	4.3%

TACK COAT APPLICATION RATE	0.18 GAL/100' (UNLIMITED)
PRIME NO. 800 APPLICATION RATE	0.25 GAL/100'



NOTES:
 SEE CROSS SECTIONS AND SLOPES AND TRANSITIONS, TAPER LENGTHS, SLOPE TRANSITIONS, AND DITCH FOR DETAILS OF PAVEMENT AND CROSSOVERS. SEE SPECIAL SHEETS FOR DETAILS OF PAVEMENT AND CROSSOVERS. SEE SPECIAL SHEETS FOR DETAILS OF PAVEMENT AND CROSSOVERS. SEE SPECIAL SHEETS FOR DETAILS OF PAVEMENT AND CROSSOVERS.
 VERTICAL SAW CUT WILL BE PAID FOR UNDER REMOVAL OF IMPROVEMENTS.
 SEE RETAINED PLAN 401.00 FOR SAFETY EDGE DETAIL.
 SEE SECTION SHEET 8 OF 15 FOR TYPICAL SECTION ON TANGENT TREATMENT DETAIL.

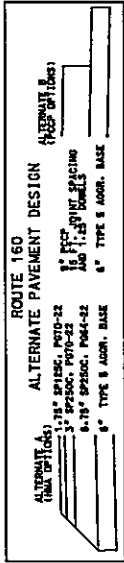
Olsson
 550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 CENTIFILE NO. 001592
 AUTHORITY NO. 001592

Missouri DOT
 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 108 WEST CAPITOL
 JEFFERSON CITY, MO 64103
 1-888-682-4607 / 1-888-673-6833

DATE ISSUED	11/7/2022
DATE	11/7/2022
SCALE	AS SHOWN
MD	160
CONTRACT NO.	2
CONTRACT ID	J653138
PROJECT NO.	CHRISTIAN

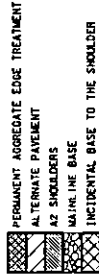
DESCRIPTION	DATE

NOTES: SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE CROSS SECTIONS. CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY IF ASPHALT ALTERNATE IS USED.
 SUBGRADE PROFILE AND CROSS SECTIONS SHOULD BE DEVELOPED FOR THE THINNER PROFILE GRADE FOR EITHER PAVEMENT DESIGN WITH NO DIRECT PAV. CROSSROAD STRUCTURES SHOULD BE DEVELOPED TO ACCOMMODATE A MINIMUM COVER BASED ON THE THINNER PAVEMENT DESIGN.

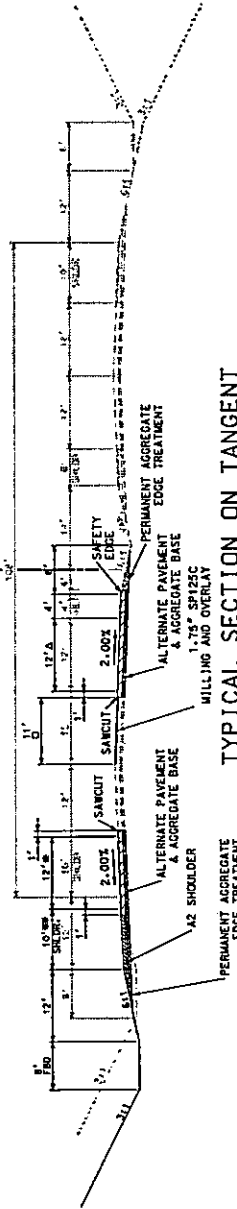


ASPHALT FACTORS	
MATERIAL	TONS/C.Y. % OF A.C.
SP123C P070-22	1.970 5.2%
SP250C P070-22	1.995 4.3%
SP250C P084-22	1.995 4.3%

TACK COAT APPLICATION RATE	0.10 GAL/100' (DILUTED)
PRIME OR SEAL APPLICATION RATE	0.25 GAL/10'



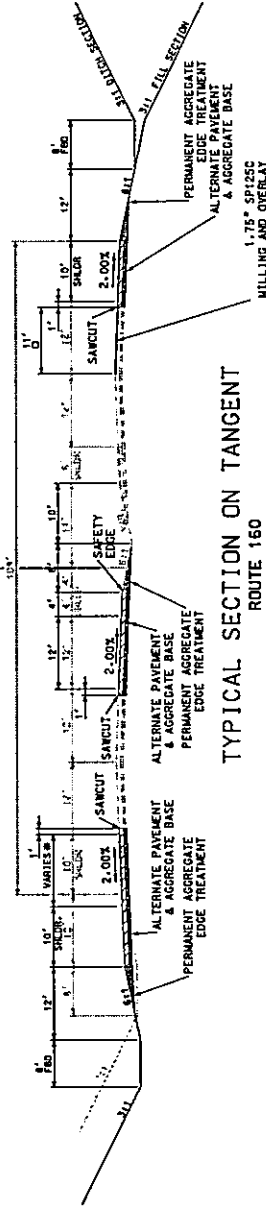
Ø RTE 160 MEDIAN



TYPICAL SECTION ON TANGENT

ROUTE 160
 STA. 40+39.26 TO STA. 45+37.31
 Δ TRANSITION 12' TO 0' FROM STA. 42+95.88 TO STA. 44+75.88
 * TRANSITION 12' TO 0' FROM STA. 43+97.31 TO STA. 45+37.31
 □ FULL DEPTH SHOULDER TO STA. 40+47.31
 □ TRANSITION 11' TO 8' FROM STA. 39+48.20 TO STA. 42+15.33

Ø RTE 160 MEDIAN



TYPICAL SECTION ON TANGENT

ROUTE 160
 STA. 39+48.20 TO STA. 40+39.26
 * WIDTH VARIES FROM STA. 39+00.00 TO STA. 40+47.31
 □ 12' MINIMUM. SEE PLANS FOR DETAILS
 □ TRANSITION 11' TO 8' FROM STA. 39+48.20 TO STA. 42+15.33

NOT TO SCALE

NOTES:
 SEE CROSS SECTIONS AND SLOPES
 PLAN SHEETS FOR CROSS SECTIONS,
 IDENTIFYING DETAILS AND DITCH
 SLOPE TRANSITIONS
 FOR DETAILS OF PAVEMENT AND
 CROSSROADS SEE SPECIAL SHEETS
 VERTICAL CURVE WILL BE
 PAID FOR UNDER REMOVAL OF
 IMPROVEMENTS.
 SEE STANDARD PLANS 401.00 FOR
 SAFETY EDGE DETAIL.
 SEE TYPICAL SECTION SHEET # OF 15
 FOR PERMANENT AGGREGATE EDGE
 TREATMENT DETAIL.

RTE 160
 TYPICAL SECTION
 SHEET 5 OF 15

DATE PROPOSED: 11/7/2022

NO. 160

CONTRACT NO. J853138

PROJECT NO. J853138

DESIGNER: CHRISTIAN

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

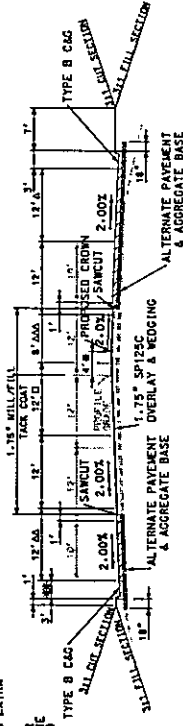
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-658-MODOT (1-888-671-6633)

Olsson

550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592

NOTE:
 CROSS SECTIONS AND EARTHWORKS IN THIS PROJECT ARE BASED ON THE CONCRETE
 PROFILE. IF ASPHALT ALTERNATE IS DESIRED, THE SUPERELEVATION AND EARTHWORKS
 SHOULD BE RECALCULATED AND CROSS SECTIONS SHOULD BE REDESIGNED FOR THE WIDER
 SUBGRADE WIDTH. ALSO, THE CROSS SECTIONS SHOULD BE REDESIGNED FOR THE WIDER
 PROFILE GRADE. FOR EITHER PAVEMENT DESIGN WITH NO DRAINAGE CHANNELS OR
 WITH DRAINAGE CHANNELS, THE EARTHWORKS SHOULD BE RECALCULATED TO ACCOMMODATE A MINIMUM COVER BASED
 ON THE TYPICAL PAVEMENT DESIGN.

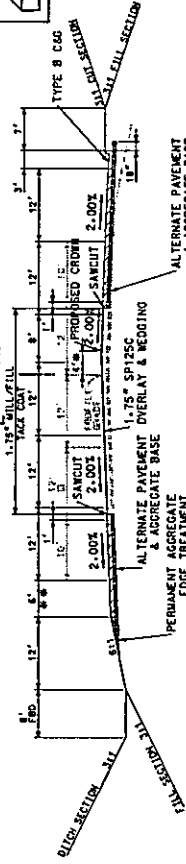
ROUTE CC



TYPICAL SECTION ON TANGENT
 ROUTE CC

STA. 4+56.00 TO STA. 6+05.68
 Δ TRANSITION 12' TO 0' FROM STA. 7+31.56 TO STA. 12+86.69
 ΔΔ TRANSITION 12' TO 0' FROM STA. 7+37.10 TO STA. 8+37.10
 ΔΔΔ TRANSITION 8' TO 0' FROM STA. 3+57.66 TO STA. 5+41.00
 * TRANSITION 4' - 0" - STA. 3+57.66 - STA. 5+37.66
 * * START C&G AT STA. 3+49.65

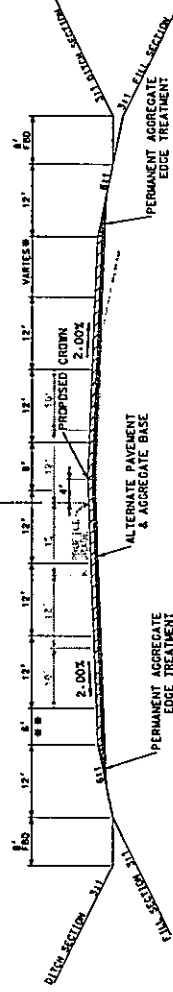
ROUTE CC



TYPICAL SECTION ON TANGENT
 ROUTE CC

STA. 1+94.55 TO STA. 4+56.00
 * TRANSITION 4' - 0" - STA. 3+49.65 - STA. 5+37.66
 * * SHOULDER ENDS AT STA. 3+49.65
 Δ TRANSITION FROM 12' TO 1' FROM STA. 1+95.20 TO STA. 2+44.09

ROUTE CC



TYPICAL SECTION ON TANGENT
 ROUTE CC

STA. 0+76.00 TO STA. 1+94.55
 * SEE PLANS FOR DETAILS
 * * SHOULDER ENDS AT STA. 2+71.35

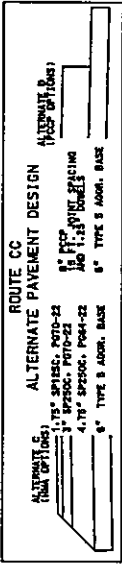
ASPHALT FACTORS

MATERIAL	TONS/CY, 1/2" IF A.C.
SP750C PFD-22	1.310 5.22
SP750C PFD-22	1.995 4.3X
SP750C PFD-22	1.995 4.3X

PERMANENT AGGREGATE EDGE TREATMENT

APPLY METHOD	APPLY RATE
160 MD	0.25 GAL/70'
SW	2

PERMANENT AGGREGATE EDGE TREATMENT
 ALTERNATE PAVEMENT
 2" SHOULDERS
 MAINLINE BASE
 INCIDENTAL BASE TO THE SHOULDER



ROUTE CC ALTERNATE PAVEMENT DESIGN

APPLY METHOD	APPLY RATE
175" SPI25C	1.75" SPI25C
4.17" SP250C	4.17" SP250C
6" TYPE B ADORN. BASE	6" TYPE B ADORN. BASE

SEE CROSS SECTIONS AND PLAN SHEETS FOR CROSS SLOPES AND TRANSITION SLOPES, SLOPE TRANSITIONS, SLOPE TRANSITIONS, SLOPE TRANSITIONS, SLOPE TRANSITIONS, SLOPE TRANSITIONS, SLOPE TRANSITIONS. SEE TYPICAL SECTION SHEET 8 OF 15 FOR PERMANENT AGGREGATE EDGE TREATMENT DETAIL.

SEE STANDARD PLANS 401-00 FOR SAFETY EDGE DETAIL. SEE TYPICAL SECTION SHEET 8 OF 15 FOR PERMANENT AGGREGATE EDGE TREATMENT DETAIL.

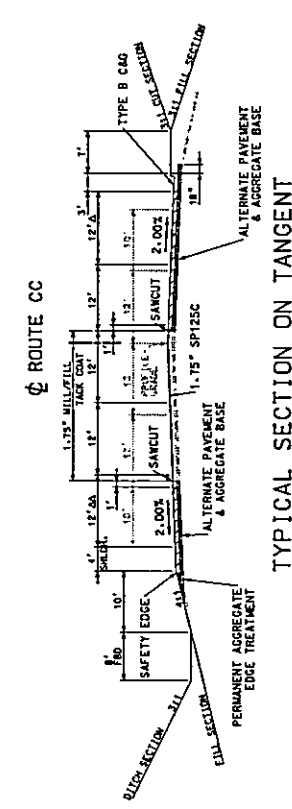
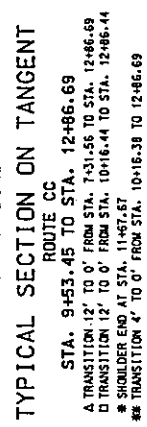
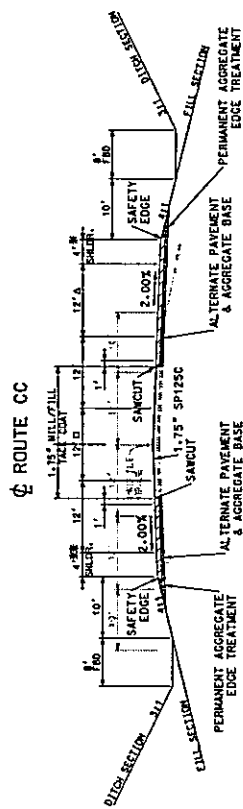
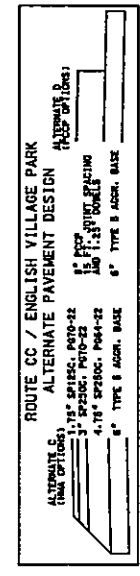
NOT TO SCALE

ROUTE CC
 TYPICAL SECTION
 SHEET 6 OF 15

NOT TO SCALE

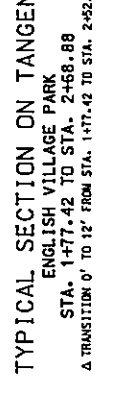
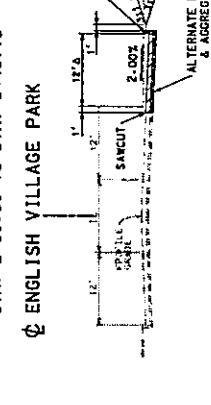
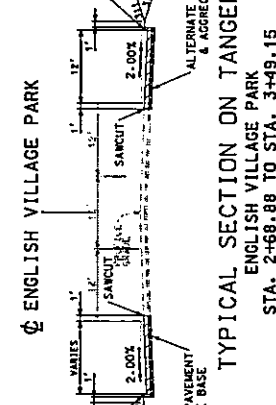
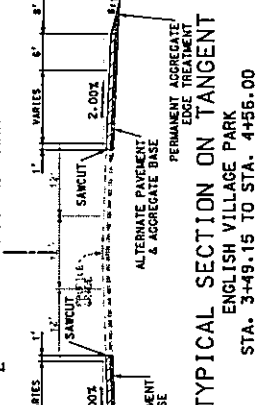
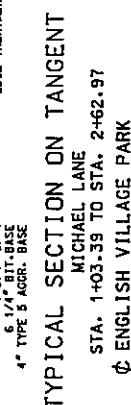
NOTE: CROSS SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE ALTERNATE DESIGN. CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY IF ASPHALT ALTERNATE IS USED.

CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER PLACEMENT OF THE CONCRETE CURB AND CROSS SECTIONS SHOULD BE DESIGNATED FOR THE OTHER SIDE OF THE CURB. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER PLACEMENT OF THE CONCRETE CURB AND CROSS SECTIONS SHOULD BE DESIGNATED FOR THE OTHER SIDE OF THE CURB. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER PLACEMENT OF THE CONCRETE CURB AND CROSS SECTIONS SHOULD BE DESIGNATED FOR THE OTHER SIDE OF THE CURB.



MATERIAL	TONS/C.Y.	% OF A.C.
SP125C P20-22	1.970	5.3%
SP250C P20-22	1.995	4.3%
SP250C P20-22	1.995	4.3%
PMP 100-11 P20-22	1.985	5.3%
PMP 100-11 P20-22	2.000	4.7%

TAXI COAT APPLICATION RATE
0.10 GAL/700' UNIMULATED
PRIME AND SEAL APPLICATION RATE
0.25 GAL/700'



NOT TO SCALE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

160 WEST CAPITOL

JEFFERSON CITY, MISSOURI 65202

1-888-688-6800 (1-888-273-6800)

MISSOURI DOT

950 ST. LOUIS STREET

SPRINGFIELD, MO 65806

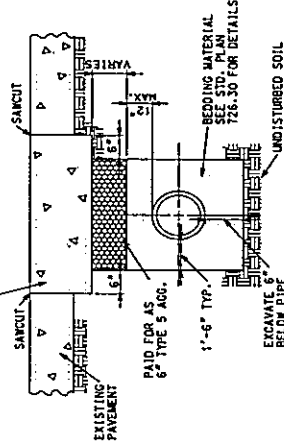
CERTIFICATE NO. 001592

DATE	
DESCRIPTION	
BRIDGE NO.	
PROJECT NO.	
CONTRACT NO.	
CONTRACTOR	CHRISTIAN
COUNTY	SW
SCALE	1" = 10'
DATE	10/17/2024

DATE	10/17/2024
DESCRIPTION	
BRIDGE NO.	
PROJECT NO.	
CONTRACT NO.	
CONTRACTOR	CHRISTIAN
COUNTY	SW
SCALE	1" = 10'
DATE	10/17/2024

ENGLISH VILLAGE PARK
 TYPICAL SECTION
 SHEET 7 OF 15

ALTERNATE A, B, C, OR D PAVEMENT



PAVEMENT REPLACEMENT DETAIL FOR PIPE INSTALLATIONS
 STA. 40+23.48, NBL, RTE. 150
 STA. 3+98.56, ENG. VILLAGE PARK
 STA. 5+95.67, RTE. CC
 STA. 12+33.56, RTE. CC

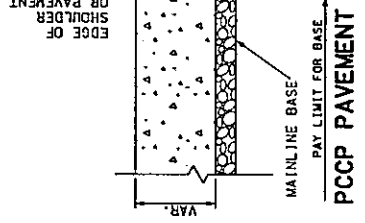
ASPHALT FACTORS

MATERIAL	TONS/C.Y.	% OF A.C.
SP125C PGT-22	1.910	5.2%
SP250C PGT-22	1.295	4.1%
SP250C PGT-22	1.395	4.3%

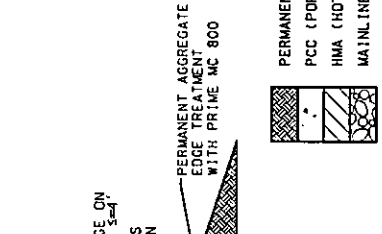
TAXI CODE APPLICATION RATE

0.10 GAL/TU (UNMODIFIED)
PRIME MC 800 APPLICATION RATE
0.25 GAL/TU

NOTES:
 SEE CROSS SECTIONS AND DIMENSIONS FOR TRANSITIONS, TAPER LENGTHS, SLOPE TRANSITIONS, AND DITCH SLOPE TRANSITIONS.
 FOR DETAILS OF PAVEMENT AND CROSSOVERS SEE SPECIAL SHEETS.
 VERTICAL SAW CUT WILL BE PAID FOR UNDER REMOVAL OF IMPROVEMENTS.



PCCP PAVEMENT



HMA PAVEMENT



PERMANENT AGGREGATE EDGE TREATMENT
 PCC (PORTLAND CEMENT CONCRETE)
 HMA (HOT MIX ASPHALT)
 MAINLINE BASE

PERMANENT AGGREGATE EDGE TREATMENT

GENERAL NOTE:
 1. PERMANENT AGGREGATE EDGE TREATMENT WILL BE PAID FOR UNDER PAY ITEM 3049510 PER TON AND PRIME MC 800 WILL BE PAID FOR UNDER PAY ITEM 4081018 PER GAL.
 2. SEE STANDARD PLAN 401.00C FOR SAFETY EDGE DETAILS.

NOT TO SCALE

TYPICAL SECTION
 SHEET 8 OF 15

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 DATE: _____ DESCRIPTION: _____
 PROJECT NO.: _____
 CONTRACT NO.: _____
 COUNTY: CHRISTIAN
 SHEET NO.: 2
 DATE PREPARED: 11/7/2022
 DRAWN BY: MD
 CHECKED BY: SW

Missouri DOT
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6281)

Olsson
 550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592

17-772022 AM 8:27:38 AM

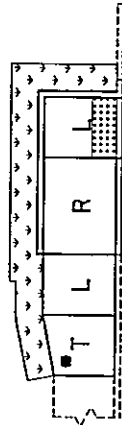
DATE: 11/7/2022
 TIME: 6:00 AM
 PROJECT NO.: JBS1338
 CONTRACT NO.:
 DRAWING NO.:
 SHEET NO.: 2
 COUNTY: CHRISTIAN
 JOB NO.:
 PROJECT TITLE: MISSISSIPPI HIGHWAYS AND TRANSPORTATION

1-888-ASK-MISSDOT (1-888-272-6337)
 MISSISSIPPI HIGHWAYS AND TRANSPORTATION
 105 WEST CAPITOL
 JEFFERSON CITY, MISSISSIPPI 39201

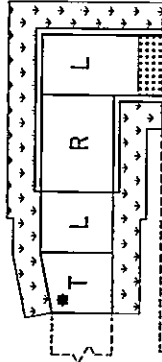
560 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 CERTIFICATE NO. 001592
Olsson

REVISED: 04-14-2021
 T - TRANSITION TO EXISTING SW
 * - IT IS STILL NEEDED, EVEN IF THE EXISTING SIDEWALK IS THE SAME WIDTH AS THE NEW SIDEWALK. (ITY PUSH BUTTON LOCATIONS INTO THE NEW LANDING SLOPE)
 L - LANDING
 R - RAMP
 - 500 SLOPE 6:11 MIN.
 - CURB RAMP PAY LIMITS

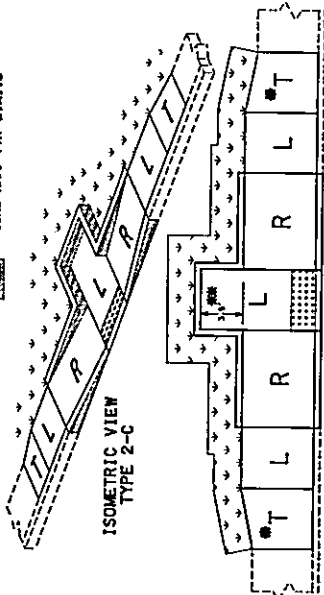
NOTE: QUANTITIES ARE CALCULATED BY AREA AND MAY NOT MATCH EXACT FIELD CONDITIONS.
 *** 3.5' LANDING EXTENSION REQUIRED FOR INSTALLATION OF FUTURE OR NEW PED-PUSH BUTTON
 NOTE: SEE STANDARDS FOR ALL PED. PUSH BUTTON LOCATIONS
 - TRUNCATED DOME
 TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING FIELD / STOP STOPS OR SIGNALS



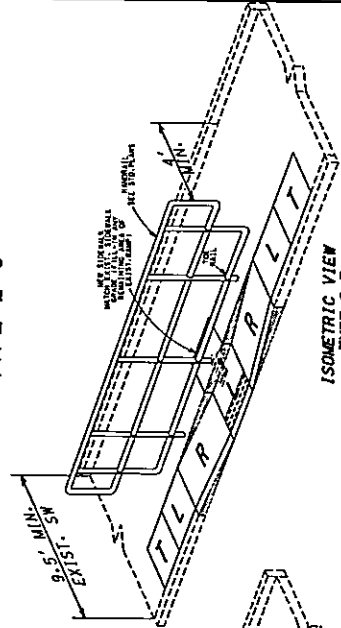
TYPE 2-A



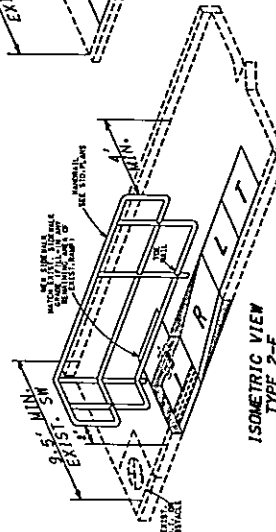
TYPE 2-B



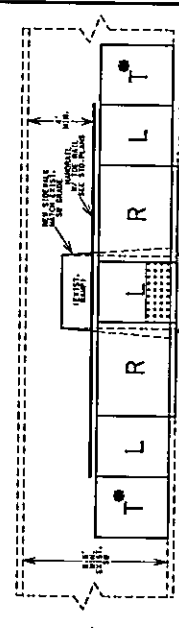
TYPE 2-C



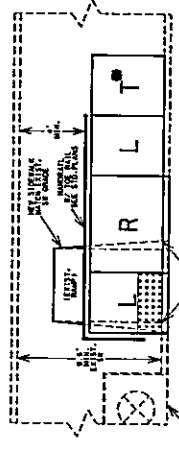
TYPE 2-F



TYPE 2-E



TYPE 2-F



TYPE 2-E

PARALLEL - TYPE 2

TYPE 2-A

REMARKS	8	12	16
LENGTH (LF)	4	4	4
WIDTH (LF)	5	6	6
TRUNCATED DOMES SF	10.0	10.0	10.0
CURB RAMP SF	10.0	10.0	10.0
CONC. SIDEWALK SF	8.8	8.8	8.8
TYPE 1 AGGREGATE SF	18.7	17.0	15.3
ADA LINEAR GRADUALLY SF	31.0	33.0	33.0
500 SLOPE SF	3.0	3.0	3.0
MANHOLE LF	-	-	-

TYPE 2-B

REMARKS	8	12	16
LENGTH (LF)	4	4	4
WIDTH (LF)	5	6	6
TRUNCATED DOMES SF	10.0	10.0	10.0
CURB RAMP SF	11.8	12.4	12.4
CONC. SIDEWALK SF	5.6	6.4	6.4
TYPE 1 AGGREGATE SF	18.4	16.4	15.3
ADA LINEAR GRADUALLY SF	31.0	33.0	33.0
500 SLOPE SF	3.0	3.0	3.0
MANHOLE LF	-	-	-

TYPE 2-C

REMARKS	8	12	16
LENGTH (LF)	4	4	4
WIDTH (LF)	5	6	6
TRUNCATED DOMES SF	10.0	10.0	10.0
CURB RAMP SF	16.4	16.4	16.4
CONC. SIDEWALK SF	11.2	11.2	11.2
TYPE 1 AGGREGATE SF	24.0	21.0	19.8
ADA LINEAR GRADUALLY SF	41.0	41.0	41.0
500 SLOPE SF	12.3	12.3	12.3
MANHOLE LF	-	-	-

TYPE 2-D

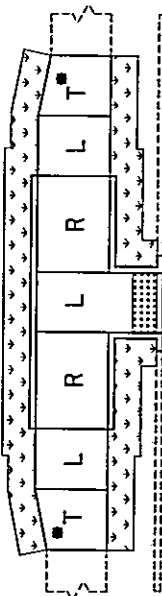
REMARKS	8	12	16
LENGTH (LF)	4	4	4
WIDTH (LF)	5	6	6
TRUNCATED DOMES SF	10.0	10.0	10.0
CURB RAMP SF	16.8	16.8	16.8
CONC. SIDEWALK SF	11.2	11.2	11.2
TYPE 1 AGGREGATE SF	24.0	21.0	20.4
ADA LINEAR GRADUALLY SF	41.0	41.0	41.0
500 SLOPE SF	20.2	20.2	20.2
MANHOLE LF	-	-	-

TYPE 2-E

REMARKS	8	12	16
LENGTH (LF)	4	4	4
WIDTH (LF)	5	6	6
TRUNCATED DOMES SF	10.0	10.0	10.0
CURB RAMP SF	16.4	16.4	16.4
CONC. SIDEWALK SF	11.2	11.2	11.2
TYPE 1 AGGREGATE SF	21.3	21.3	20.5
ADA LINEAR GRADUALLY SF	41.0	41.0	41.0
500 SLOPE SF	3.0	3.0	3.0
MANHOLE LF	-	-	-

TYPE 2-F

REMARKS	8	12	16
LENGTH (LF)	4	4	4
WIDTH (LF)	5	6	6
TRUNCATED DOMES SF	10.0	10.0	10.0
CURB RAMP SF	11.2	11.2	11.2
CONC. SIDEWALK SF	11.2	11.2	11.2
TYPE 1 AGGREGATE SF	24.0	21.0	20.4
ADA LINEAR GRADUALLY SF	41.0	41.0	41.0
500 SLOPE SF	3.0	3.0	3.0
MANHOLE LF	-	-	-



TYPE 2-D

USE ONLY WHEN TYPE 2-F IS UNABLE TO BE CONSTRUCTED DUE TO AN OBSTRUCTION AT THE ENTRANCE.
 SEE STANDARDS FOR DIMENSIONAL SPECS

USE STANDARDS FOR DIMENSIONAL SPECS

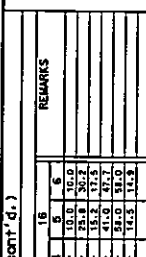
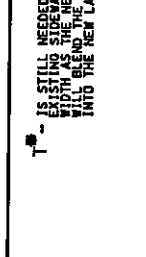
ADA LIBRARY TYPICAL
 TYPE 2
 PARALLEL CURB RAMPS
 TYPICAL SECTION
 SHEET 11 OF 15

TYPE 2-G

LENGTH (LF)	4	8	12	16
TRUNCATED DOME	4	8	12	16
TRUNCATED DOME	15.7	15.0	14.3	13.6
CURB RAMP	20.3	20.7	21.1	21.5
CURB RAMP	17.8	20.3	15.2	17.5
CURB RAMP	21.4	23.0	-	41.0
CURB RAMP	31.1	43.0	-	84.0
CURB RAMP	15.8	15.8	-	15.2

TYPE 2-H

LENGTH (LF)	4	8	12	16
TRUNCATED DOME	4	8	12	16
TRUNCATED DOME	12.0	13.0	14.0	15.0
CURB RAMP	15.7	16.0	-	24.9
CURB RAMP	13.2	16.0	-	15.0
CURB RAMP	22.0	24.8	-	26.8
CURB RAMP	11.1	11.2	-	14.5



IS STILL NEEDED EVEN IF THE
EXISTING SIDEWALK SLOPE IS
WILL BLEND THE EXISTING SLOPE
INTO THE NEW LANDING SLOPE

T - TRANSITION TO EXISTING SV
L - LANDING
R - RAMP
611 MIN.

TRUNCATED DOME LOCATION
IF DIST. IS 6' OR 9',
TRUNCATED DOMES ARE USED ONLY
AT STREETS & ENTRANCES UTILIZING
FIELD / STOP SIGNS OR SIGNALS

CURB RAMP PAY LIMITS
- INCLUDED IN 4" CONC. SIDEWALK
PAY LIMIT

NOTE:
QUANTITIES ARE CALCULATED BY AREA AND
MAY NOT MATCH EXACT FIELD CONDITIONS.

DATE PREPARED: 10/17/2022
PROJECT: 100 MD
DRAWN BY: JES
CHECKED BY: JES
SCALE: AS SHOWN
JOB NO.: CHRISTIAN
PROJECT NO.: JES3138
DATE: 10/17/2022

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65101
1-888-ASK-MISSOURI (1-888-475-4638)



550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
OLSSON
CERTIFICATE OF
AUTHORITY NO. 001592

ADA LIBRARY TYPICAL
TYPE 2
PARALLEL
CURB RAMPS
TYPICAL SECTION
SHEET 12 OF 15

REVISED 04-15-2001

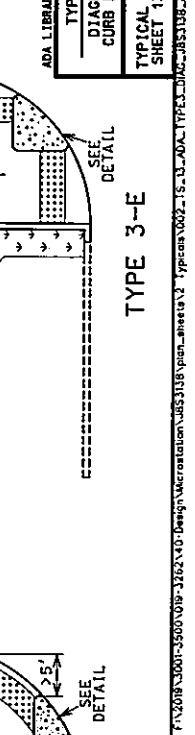
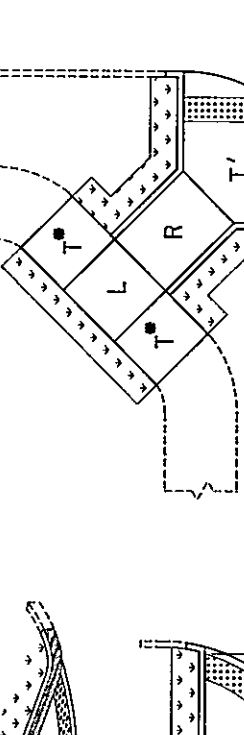
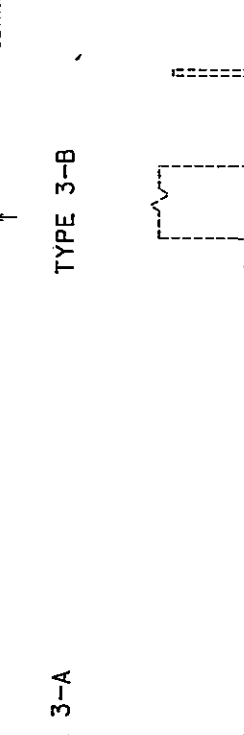
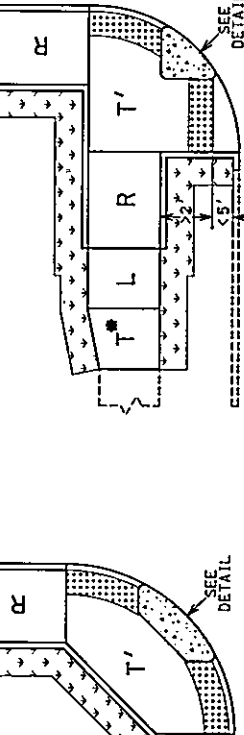
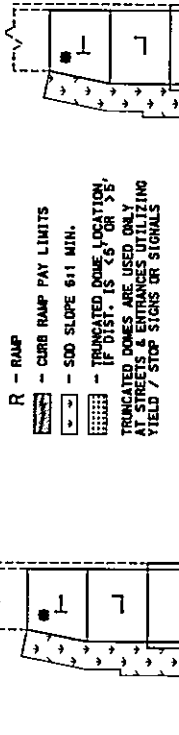
PATTERN IN CONC. BY
3" X 3" SQUARES
(NO DIRECT PAY)

PROJECT NO.: JES3138
DATE: 10/17/2022

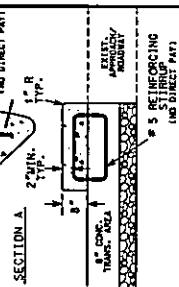
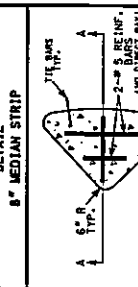
11/08/2018 11:50:00

15 TO BE USED TO BE ADDED TO TRACK AND STREETS WITHIN THE CONCRETE CURB RAMP. PAID FOR AS PER THE LANSING RAMP. IS STILL NEEDED EVEN IF THE NEW SIDEWALK STATE WILL BLEND THE EXISTING SLOPE WITH THE NEW LANSING SLOPE.

T - TRANSITION TO EXISTING SIDEWALK AND LANSING RAMP (CONDITIONS ALLOW) IS STILL NEEDED EVEN IF THE NEW SIDEWALK STATE WILL BLEND THE EXISTING SLOPE WITH THE NEW LANSING SLOPE.
 L - LANDING
 R - RAMP
 T' - TRUNCATED DOME LOCATION, IF DIST. IS $\leq 5'$ OR $\geq 5'$, TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING FIELD / STOP SIGNS OR SIGNALS



DIAGONAL - TYPE 3



TYPE 3-A	REMARKS					
	4	5	6	12	15	16
LENGTH (LF)	24.0	24.0	24.0	24.0	24.0	24.0
WIDTH (WF)	4.0	5.0	6.0	4.0	5.0	6.0
TRUNCATED DOMES	24.0	24.0	24.0	24.0	24.0	24.0
CURB RAMP	24.0	24.0	24.0	24.0	24.0	24.0
CONC. SIDEWALK	11.2	13.8	16.4	11.2	13.8	16.4
TYPE 1 AGGREGATE	35.8	31.8	27.8	35.8	31.8	27.8
ADA LINEAR GRADUALLY	31.0	31.0	31.0	31.0	31.0	31.0
SMOOTHING	31.0	31.0	31.0	31.0	31.0	31.0
8" MED STRIP	31.0	31.0	31.0	31.0	31.0	31.0

TYPE 3-B	REMARKS					
	4	5	6	12	15	16
LENGTH (LF)	24.0	24.0	24.0	24.0	24.0	24.0
WIDTH (WF)	4.0	5.0	6.0	4.0	5.0	6.0
TRUNCATED DOMES	24.0	24.0	24.0	24.0	24.0	24.0
CURB RAMP	24.0	24.0	24.0	24.0	24.0	24.0
CONC. SIDEWALK	11.2	13.8	16.4	11.2	13.8	16.4
TYPE 1 AGGREGATE	35.8	31.8	27.8	35.8	31.8	27.8
ADA LINEAR GRADUALLY	31.0	31.0	31.0	31.0	31.0	31.0
SMOOTHING	31.0	31.0	31.0	31.0	31.0	31.0
8" MED STRIP	31.0	31.0	31.0	31.0	31.0	31.0

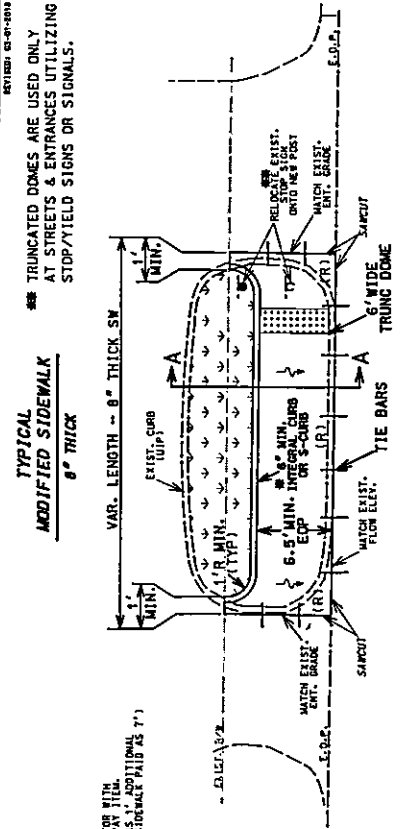
TYPE 3-C	REMARKS					
	4	5	6	12	15	16
LENGTH (LF)	24.0	24.0	24.0	24.0	24.0	24.0
WIDTH (WF)	4.0	5.0	6.0	4.0	5.0	6.0
TRUNCATED DOMES	24.0	24.0	24.0	24.0	24.0	24.0
CURB RAMP	24.0	24.0	24.0	24.0	24.0	24.0
CONC. SIDEWALK	11.2	13.8	16.4	11.2	13.8	16.4
TYPE 1 AGGREGATE	35.8	31.8	27.8	35.8	31.8	27.8
ADA LINEAR GRADUALLY	31.0	31.0	31.0	31.0	31.0	31.0
SMOOTHING	31.0	31.0	31.0	31.0	31.0	31.0
8" MED STRIP	31.0	31.0	31.0	31.0	31.0	31.0

TYPE 3-E	REMARKS					
	4	5	6	12	15	16
LENGTH (LF)	24.0	24.0	24.0	24.0	24.0	24.0
WIDTH (WF)	4.0	5.0	6.0	4.0	5.0	6.0
TRUNCATED DOMES	24.0	24.0	24.0	24.0	24.0	24.0
CURB RAMP	24.0	24.0	24.0	24.0	24.0	24.0
CONC. SIDEWALK	11.2	13.8	16.4	11.2	13.8	16.4
TYPE 1 AGGREGATE	35.8	31.8	27.8	35.8	31.8	27.8
ADA LINEAR GRADUALLY	31.0	31.0	31.0	31.0	31.0	31.0
SMOOTHING	31.0	31.0	31.0	31.0	31.0	31.0
8" MED STRIP	31.0	31.0	31.0	31.0	31.0	31.0

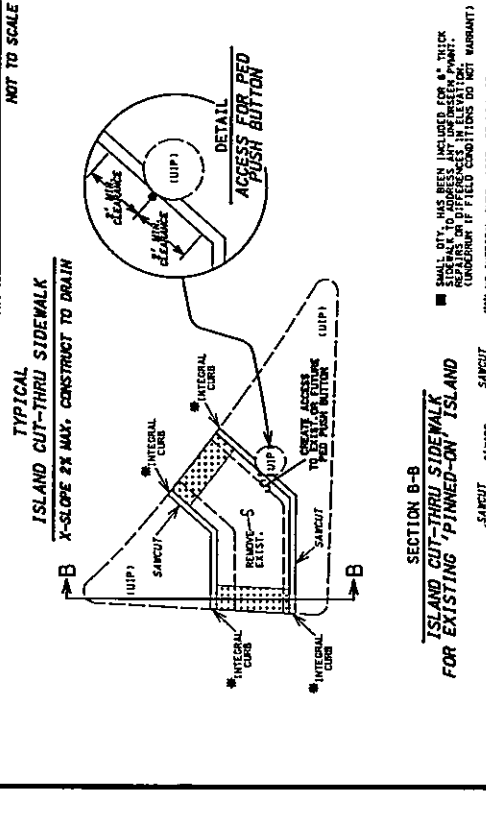
DATE PREPARED	11/7/2022
BY	MD
SCALE	AS SHOWN
PROJECT NO.	J852138
CONTRACT NO.	CHRISTIAN
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
105 WEST CAPITOL	
JEFFERSON CITY, MO 65102	
1-888-ASE-ROAD (1-888-462-7263)	

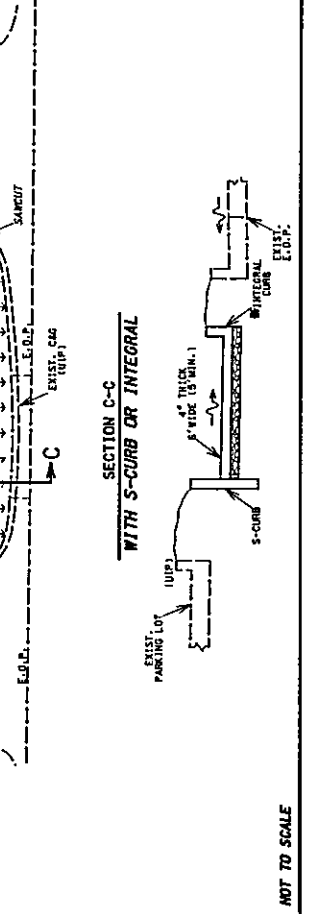
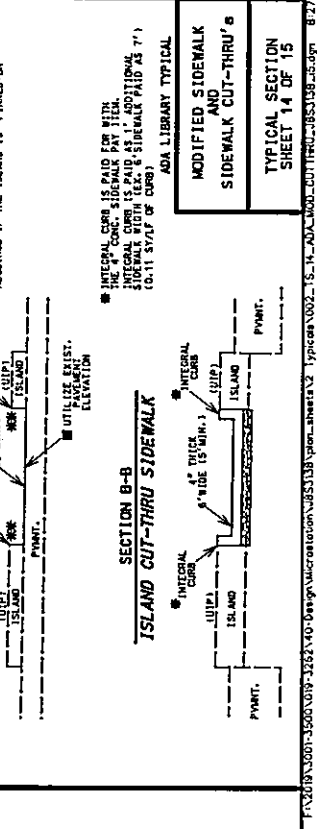
Ossison
 550 S. LOUIS STREET
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592
 11/7/2022 AM 8:27:53 AM



- NOTES FOR MODIFIED SIDEWALK:**
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
 2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
 3. CONSTRUCT 8" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
 4. CONSTRUCT CURB ADJACENT TO MODIFIED SIDEWALK.
 5. MODIFIED SIDEWALK PAID FOR AS 8" SIDEWALK.
 6. 6" MINIMUM WIDTH.
 7. NO DIRECT PAY FOR SAW CUTS AND TIE BARS (ON 12" CENTERS MAX.)
 8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
 9. X-SLOPE 1% PREFERRED (2% MAX.)
 10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.



- NOTES FOR CUT-THRU SIDEWALK:**
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
 2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
 3. CONSTRUCT 4" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
 4. CONSTRUCT CURB ON BOTH SIDES ADJACENT TO SIDEWALK.
 5. CUT-THRU SIDEWALK PAID FOR AS 4" SIDEWALK.
 6. 6" PREFERRED WIDTH (5" MIN.)
 7. SAW CUTS (NO DIRECT PAY).
 8. TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP SIGNS OR SIGNALS.
 9. X-SLOPE 1% PREFERRED (2% MAX.)
 10. USE S-CURB IF CONSTRUCTING CURB ON R/W LINE.



TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING STOP/YIELD SIGNS OR SIGNALS.

SMALL CITY HAS BEEN INCLUDED FOR 6" THICK REPAIRS ON DIFFERENCES IN ELEVATION. UNDERBUILT IF FIELD CONDITIONS DO NOT WARRANT. NO INTERIOR CURB, ACCOR. OR L.I.M. GRADING REQUIRED TO THE ISLAND IS FINISHED ON.

INTEGRAL CURB IS PAID FOR WITH THE 4" CONC. SIDEWALK PAY ITEM. INTERIOR CURB IS PAID AS 1" ADDITIONAL SIDEWALK SIDEWALK PAID AS 7") (0-11 STAFF OF CURB)

MODIFIED SIDEWALK AND SIDEWALK CUT-THRU
 TYPICAL SECTION SHEET 14 OF 15

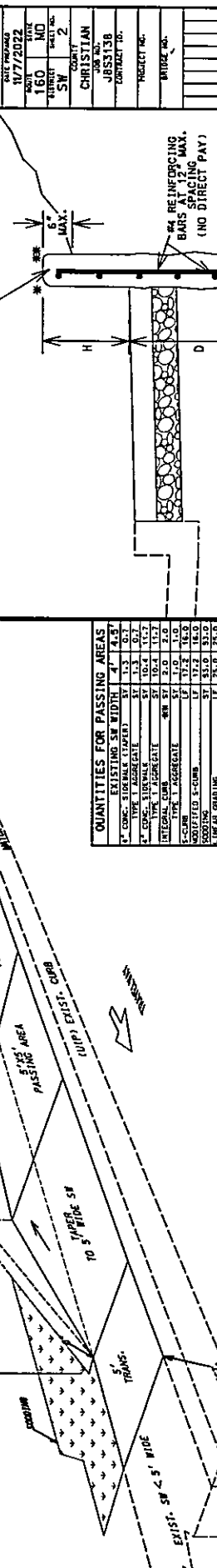
INTEGRAL CURB IS PAID FOR WITH THE 4" CONC. SIDEWALK PAY ITEM. INTERIOR CURB IS PAID AS 1" ADDITIONAL SIDEWALK SIDEWALK PAID AS 7") (0-11 STAFF OF CURB)

INTEGRAL CURB IS PAID FOR AS 4" CONC. SIDEWALK PAY ITEM. S-CURB IS PAID WITHIN LIMITS OF S-CURB IF AT R/W LINE. INTERIOR CURB IS PAID AS 1" ADDITIONAL SIDEWALK WITHIN (EX. 8" SIDEWALK PAID AS 7") (0-11 STAFF OF CURB)

INTEGRAL CURB IS PAID FOR WITH THE 4" CONC. SIDEWALK PAY ITEM. INTERIOR CURB IS PAID AS 1" ADDITIONAL SIDEWALK SIDEWALK PAID AS 7") (0-11 STAFF OF CURB)

DATE: 10/27/2022
 DRAWN BY: MD
 CHECKED BY: SW
 PROJECT NO.:
 CONTRACT NO.:
 SHEET NO.:
 SCALE: 1" = 10'-0"

MISSISSIPPI HIGHWAYS AND TRANSPORTATION COMMISSION
 MISSISSIPPI
 105 WEST CENTER
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592
 Olsson



ITEM	EXISTING		NEW	
	QTY	CU YD	QTY	CU YD
1\"/>				

ITEM	EXISTING		NEW	
	QTY	CU YD	QTY	CU YD
1\"/>				

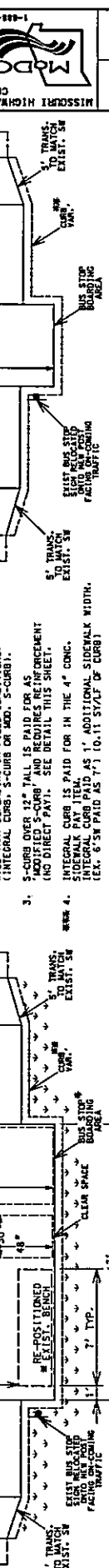
ITEM	EXISTING		NEW	
	QTY	CU YD	QTY	CU YD
1\"/>				



NOTES:

- PASSING AREA REQUIRED EVERY 600' ON SIDEWALK THAT IS LESS THAN 6' WIDE.
- CURB MAY OR MAY NOT BE NEEDED DEPENDING ON FIELD CONDITIONS. IF CURB IS REQUIRED, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTERNAL CURB, 5'-CURB OR MOD. 5'-CURB).
- 5'-CURB OVER 12\"/>

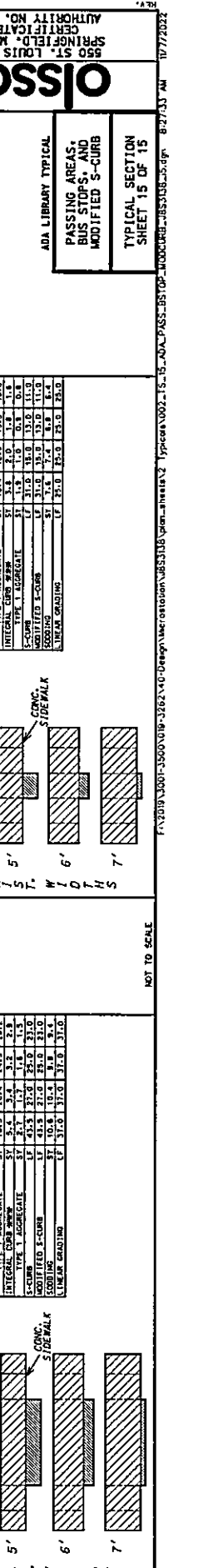
NOT TO SCALE



NOTES:

- THE RE-POSITIONED BENCH SHALL NOT BE PLACED ON THE 5' x 5' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH 8\"/>

NOT TO SCALE



NOTES:

- THE RE-POSITIONED BENCH SHALL NOT BE PLACED ON THE 5' x 5' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH 8\"/>

NOT TO SCALE



NOT TO SCALE

TYPICAL SECTION SHEET 15 OF 15

ADA LIBRARY TYPICAL
 PASSING AREAS, AND
 BUS STOPS, AND
 MODIFIED S-CURB

REVISION: 10-21-2019

10/27/2022
 160
 SW
 CHRISTIAN
 JBS53138
 PROJECT NO.:
 CONTRACT NO.:
 SCALE: 1" = 10'-0"

MISSISSIPPI HIGHWAYS AND TRANSPORTATION COMMISSION
 MISSISSIPPI
 105 WEST CENTER
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592
 Olsson

ITEM	EXISTING		NEW	
	QTY	CU YD	QTY	CU YD
1\"/>				

ITEM	EXISTING		NEW	
	QTY	CU YD	QTY	CU YD
1\"/>				

ITEM	EXISTING		NEW	
	QTY	CU YD	QTY	CU YD
1\"/>				

NOTES:

- PASSING AREA REQUIRED EVERY 600' ON SIDEWALK THAT IS LESS THAN 6' WIDE.
- CURB MAY OR MAY NOT BE NEEDED DEPENDING ON FIELD CONDITIONS. IF CURB IS REQUIRED, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTERNAL CURB, 5'-CURB OR MOD. 5'-CURB).
- 5'-CURB OVER 12\"/>

NOT TO SCALE

NOTES:

- THE RE-POSITIONED BENCH SHALL NOT BE PLACED ON THE 5' x 5' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH 8\"/>

NOT TO SCALE

NOTES:

- THE RE-POSITIONED BENCH SHALL NOT BE PLACED ON THE 5' x 5' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH 8\"/>

NOT TO SCALE

NOT TO SCALE

TYPICAL SECTION SHEET 15 OF 15

ADA LIBRARY TYPICAL
 PASSING AREAS, AND
 BUS STOPS, AND
 MODIFIED S-CURB

REVISION: 10-21-2019

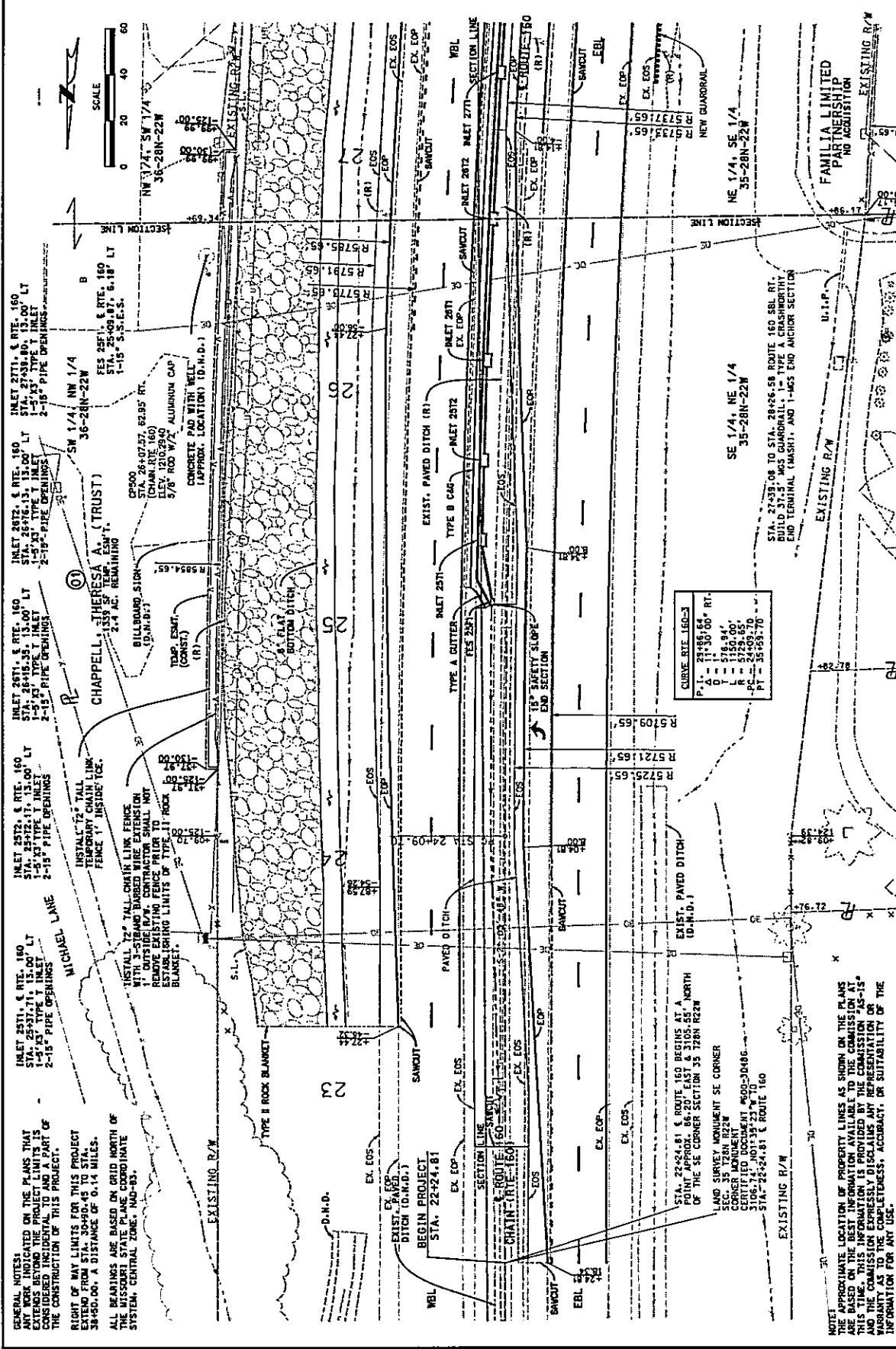
10/27/2022
 160
 SW
 CHRISTIAN
 JBS53138
 PROJECT NO.:
 CONTRACT NO.:
 SCALE: 1" = 10'-0"

MISSISSIPPI HIGHWAYS AND TRANSPORTATION COMMISSION
 MISSISSIPPI
 105 WEST CENTER
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592
 Olsson



DATE	DESCRIPTION

DATE PLOTTED	11/7/2022
DATE	11/7/2022
PROJECT NO.	
CONTRACT NO.	
CONTRACTOR	CHRISTIAN
DESIGNER	JES5138
CHECKER	
SCALE	
SHEET NO.	160
TOTAL SHEETS	4



GENERAL NOTES:
 1. WORK INDICATED ON THE PLANS THAT EXTENDS BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.
 2. RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM STA. 30+00.45 TO STA. 38+50.00, A DISTANCE OF 0.14 MILES.
 3. ALL BEARINGS ARE BASED ON GRID NORTH OF THE MISSOURI STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, NAD-83.

NOTE:
 THE APPROXIMATE LOCATION OF PROPERTY LINES IS SHOWN ON THE PLANS AND SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THIS INFORMATION IS PROVIDED BY THE COMMISSION FOR INFORMATION AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.

INLET 2571, & RTE. 160 STA. 25+71.71, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2572, & RTE. 160 STA. 26+16.35, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2573, & RTE. 160 STA. 26+71.35, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2574, & RTE. 160 STA. 27+38.80, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2575, & RTE. 160 STA. 28+00.87, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2576, & RTE. 160 STA. 28+56.58, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2577, & RTE. 160 STA. 29+11.57, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2578, & RTE. 160 STA. 29+66.57, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2579, & RTE. 160 STA. 30+21.57, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2580, & RTE. 160 STA. 30+76.57, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2581, & RTE. 160 STA. 31+31.57, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2582, & RTE. 160 STA. 31+86.57, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2583, & RTE. 160 STA. 32+41.57, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2584, & RTE. 160 STA. 32+96.57, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2585, & RTE. 160 STA. 33+51.57, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2586, & RTE. 160 STA. 34+06.57, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2587, & RTE. 160 STA. 34+61.57, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

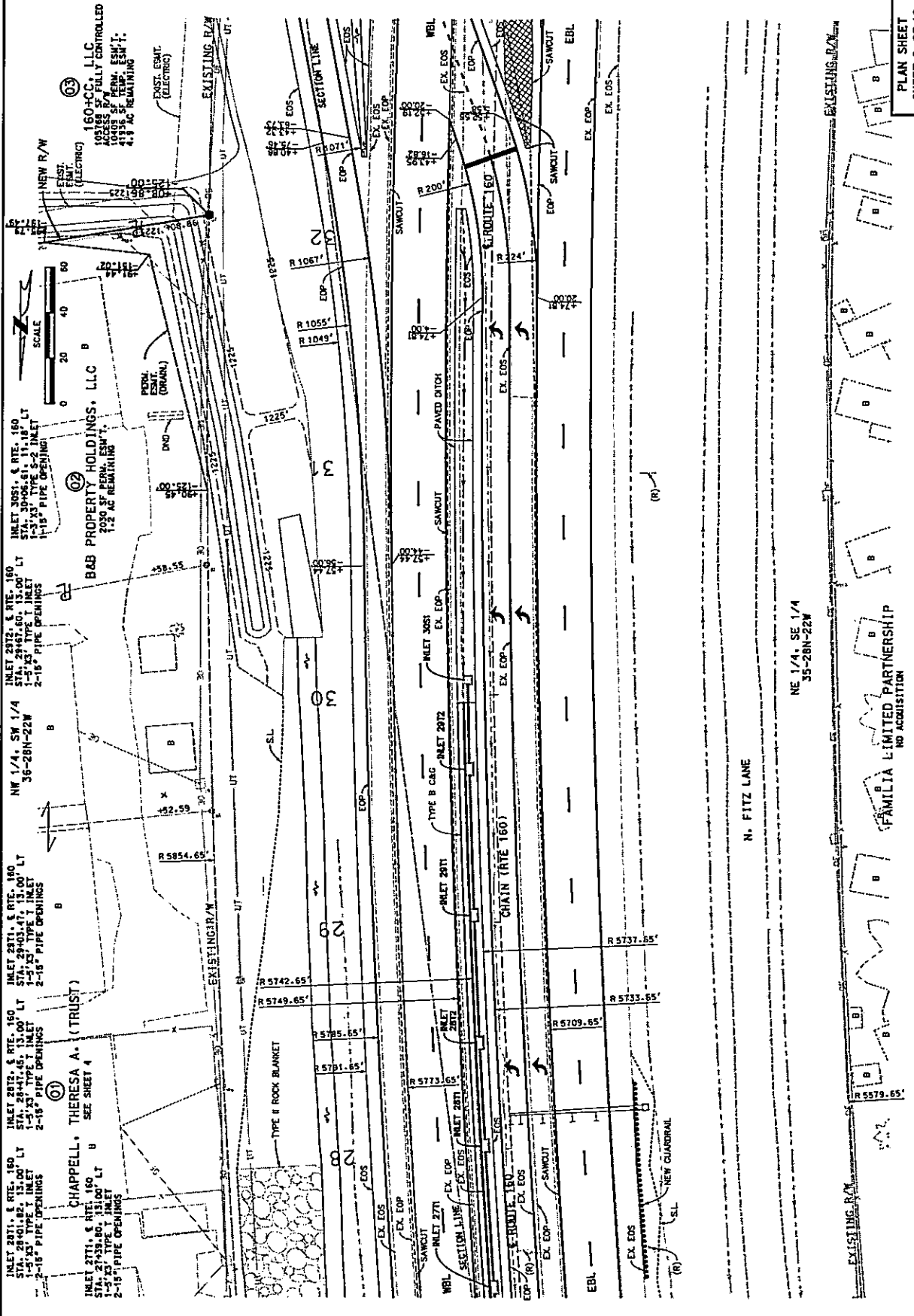
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INLET 2589, & RTE. 160 STA. 35+71.57, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS

INLET 2590, & RTE. 160 STA. 36+26.57, 13.00' LT 1-5" 45° TYPE 1 INLET 2-15" PIPE OPENINGS



DATE PREPARED: 11/7/2022
 DATE: _____
 DRAWING NO.: _____
 PROJECT NO.: _____
 CONTRACT NO.: JBS3136
 CONTRACTOR: CHRISTIAN

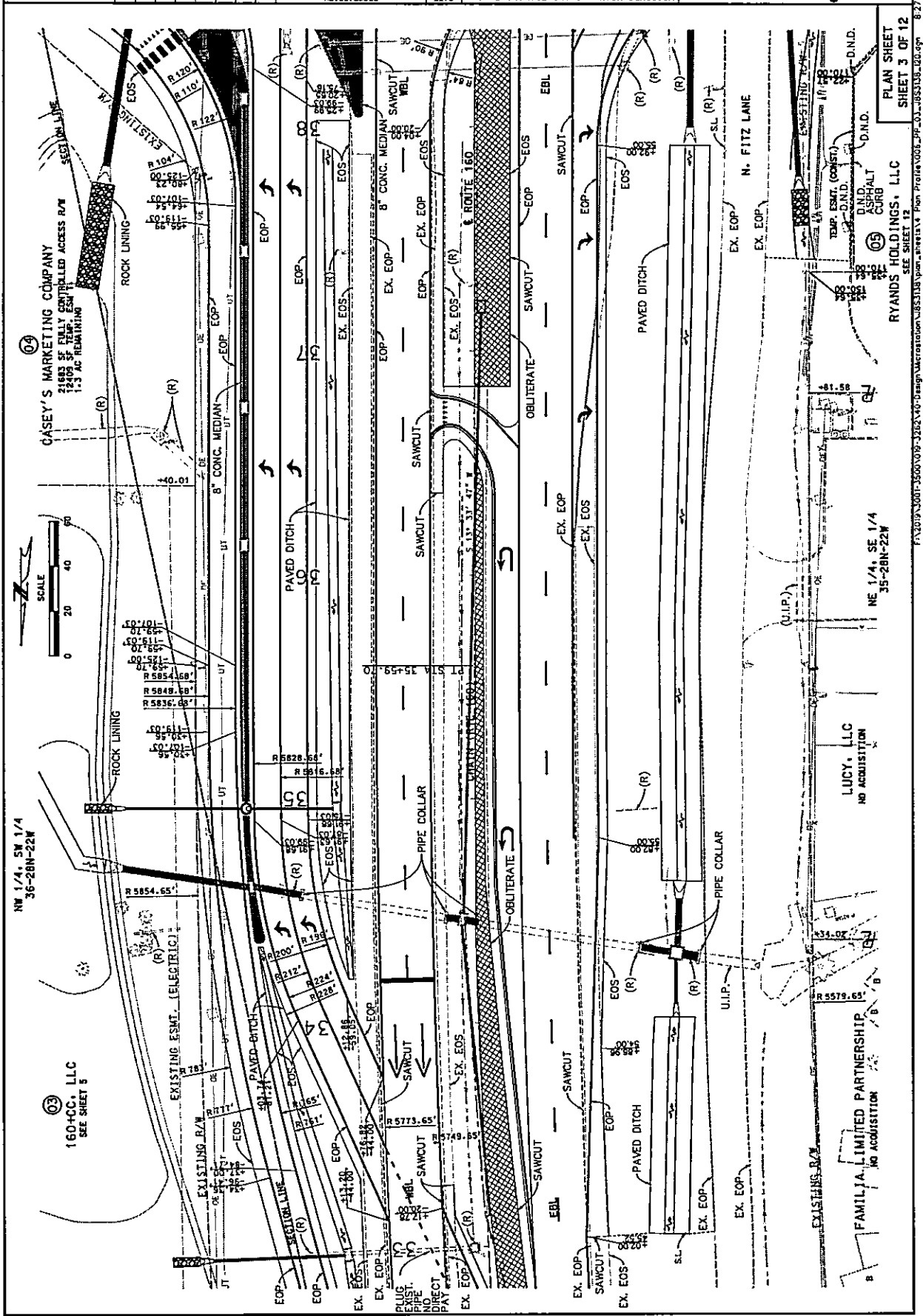


PLAN SHEET
 SHEET 2 OF 12

N. FITZ LANE

NE 1/4, SE 1/4
 35-28N-22W

FAMILIA LIMITED PARTNERSHIP
 NO ACQUISITION



Olsson

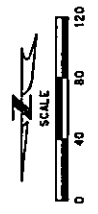
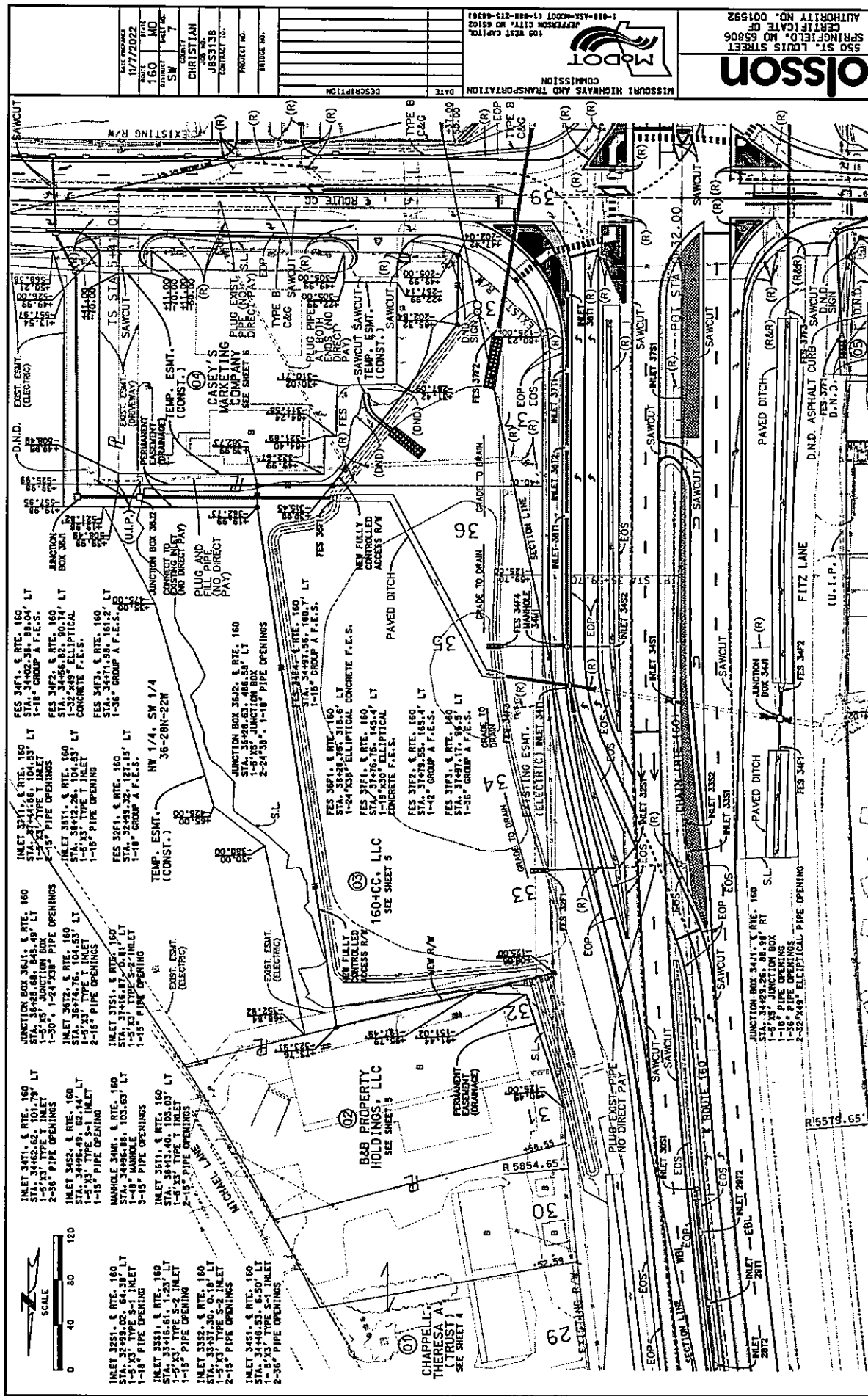
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



103 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-554-6207 LT-888-273-8633

DATE	11/7/2022	DESCRIPTION	
SCALE	1/8" = 1'-0"	CONTRACT NO.	
DRAWN BY	CHRISTIAN	PROJECT NO.	
CHECKED BY	JES5138		

PLAN SHEET
SHEET 4 OF 12



NE 1/4, SE 1/4
35-28N-22W

FAMILTA LIMITED PARTNERSHIP
NO ACQUISITION

LUCY, LLC
NO ACQUISITION

RYLANDS HOLDINGS, LLC
SEE SHEET 12

PLAN SHEET
SHEET 4 OF 12



DATE	BY	DESCRIPTION
11/7/2022	MD	REVISED
160	MD	REVISED
SW	SW	REVISED
CHRISTIAN	CHRISTIAN	REVISED
J853138	J853138	REVISED
CONTRACT NO.		
PROJECT NO.		
DISTRICT NO.		

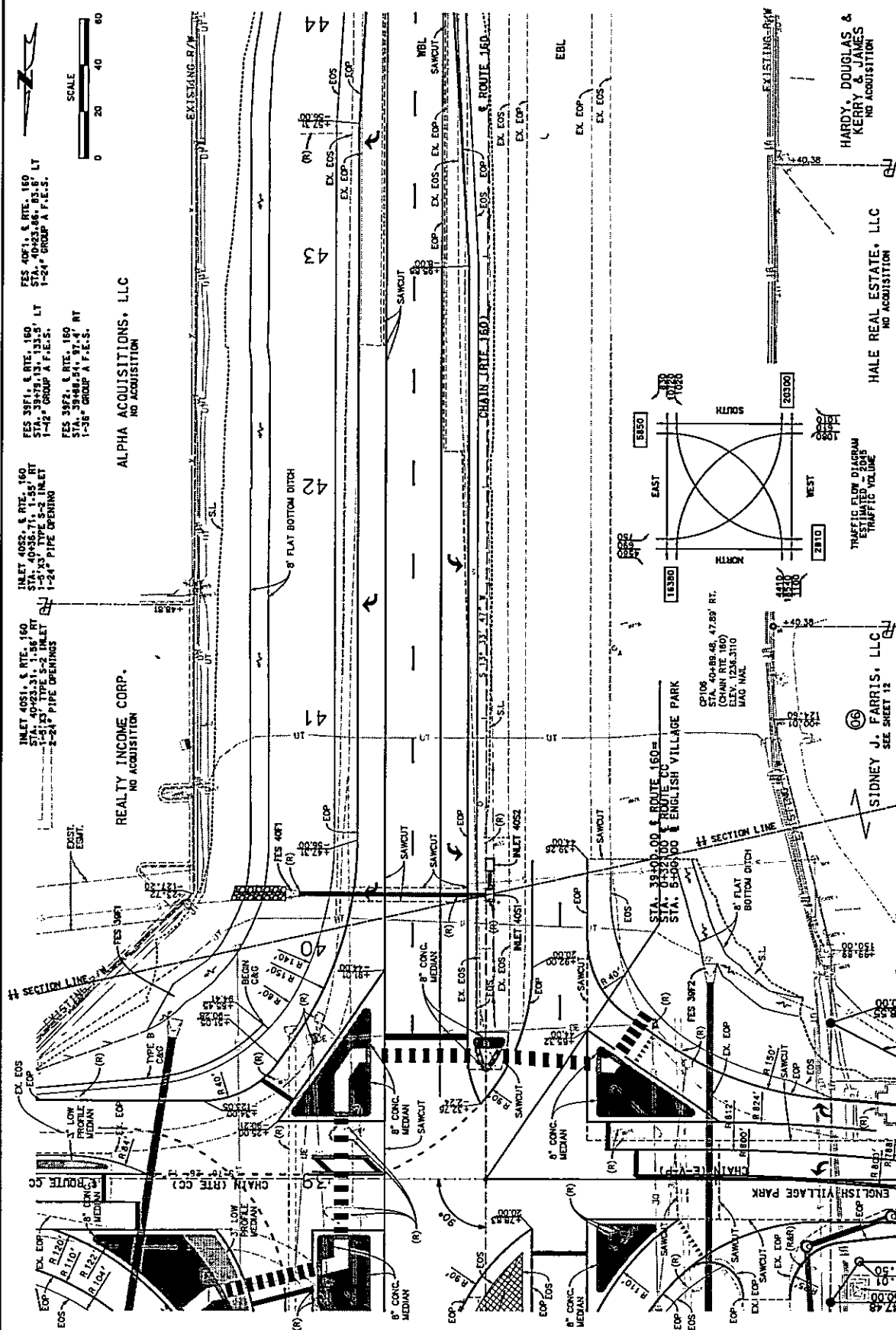
PLAN SHEET
SHEET 5 OF 12

SE 1/4, SE 1/4
35-28N-22E

HALE REAL ESTATE, LLC
NO ACQUISITION

SIDNEY J. FARRIS, LLC
SEE SHEET 12

NEW R/W
NEW R/W
NEW R/W



ALPHA ACQUISITIONS, LLC
NO ACQUISITION

FES 3974, & RTE. 160
STA. 40+23.51, 1.56' RT
1-3\"/>

REALTY INCOME CORP.
NO ACQUISITION

INLET 4051, & RTE. 160
STA. 40+23.51, 1.56' RT
1-3\"/>

HALE REAL ESTATE, LLC
NO ACQUISITION

HALE REAL ESTATE, LLC
NO ACQUISITION

SIDNEY J. FARRIS, LLC
SEE SHEET 12

SIDNEY J. FARRIS, LLC
SEE SHEET 12

ENGLISH VILLAGE PARK

ENGLISH VILLAGE PARK



DATE PREPARED
11/7/2022

DATE
160

STATE
MO

PROJECT NO.
5

CONTRACT NO.
CHRISTIAN

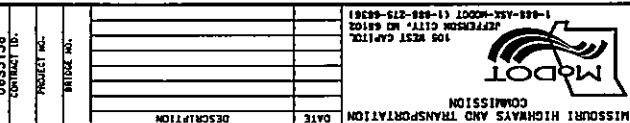
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J652138

PROJECT NAME

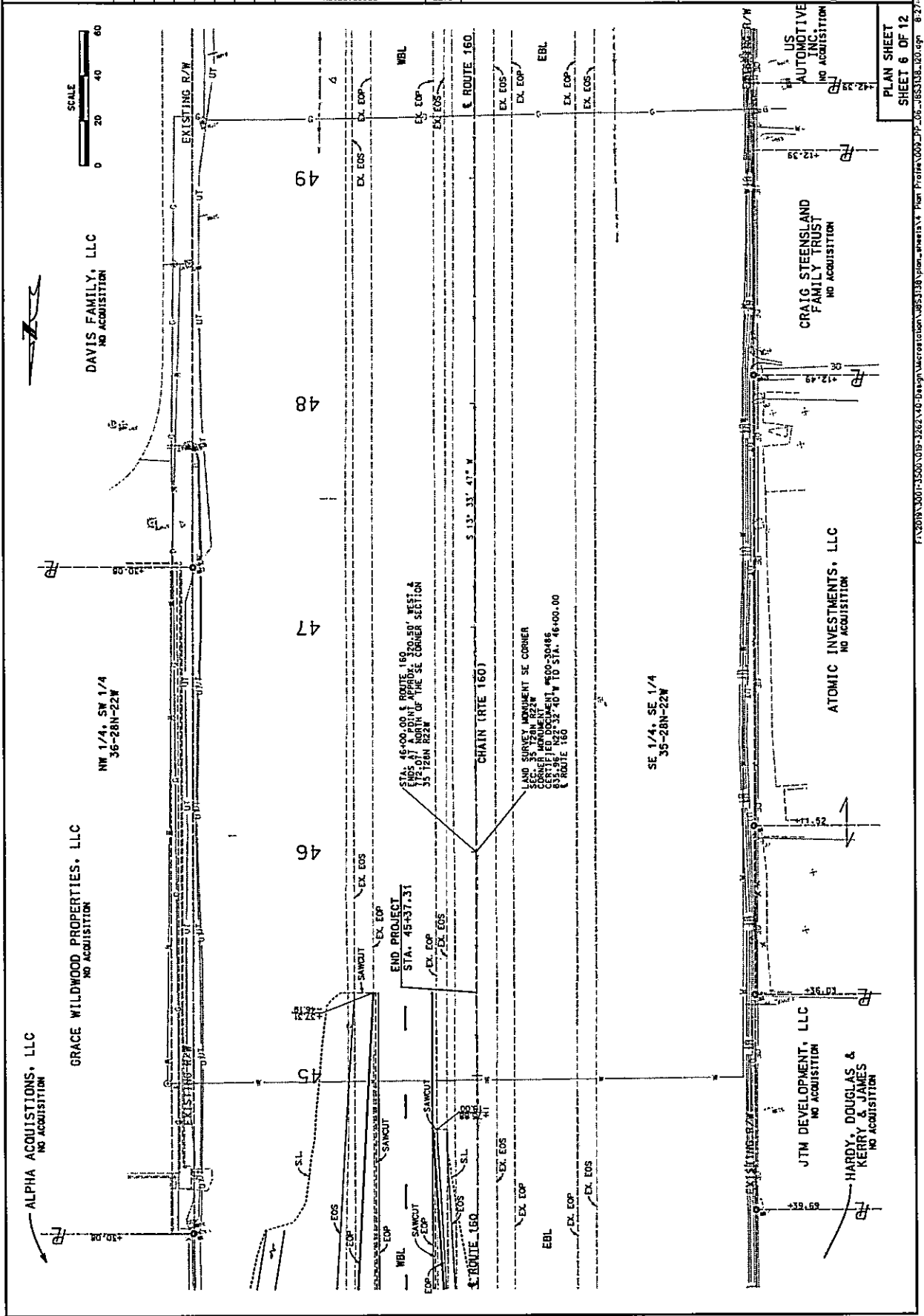
BRIDGE NO.

DESCRIPTION

DATE



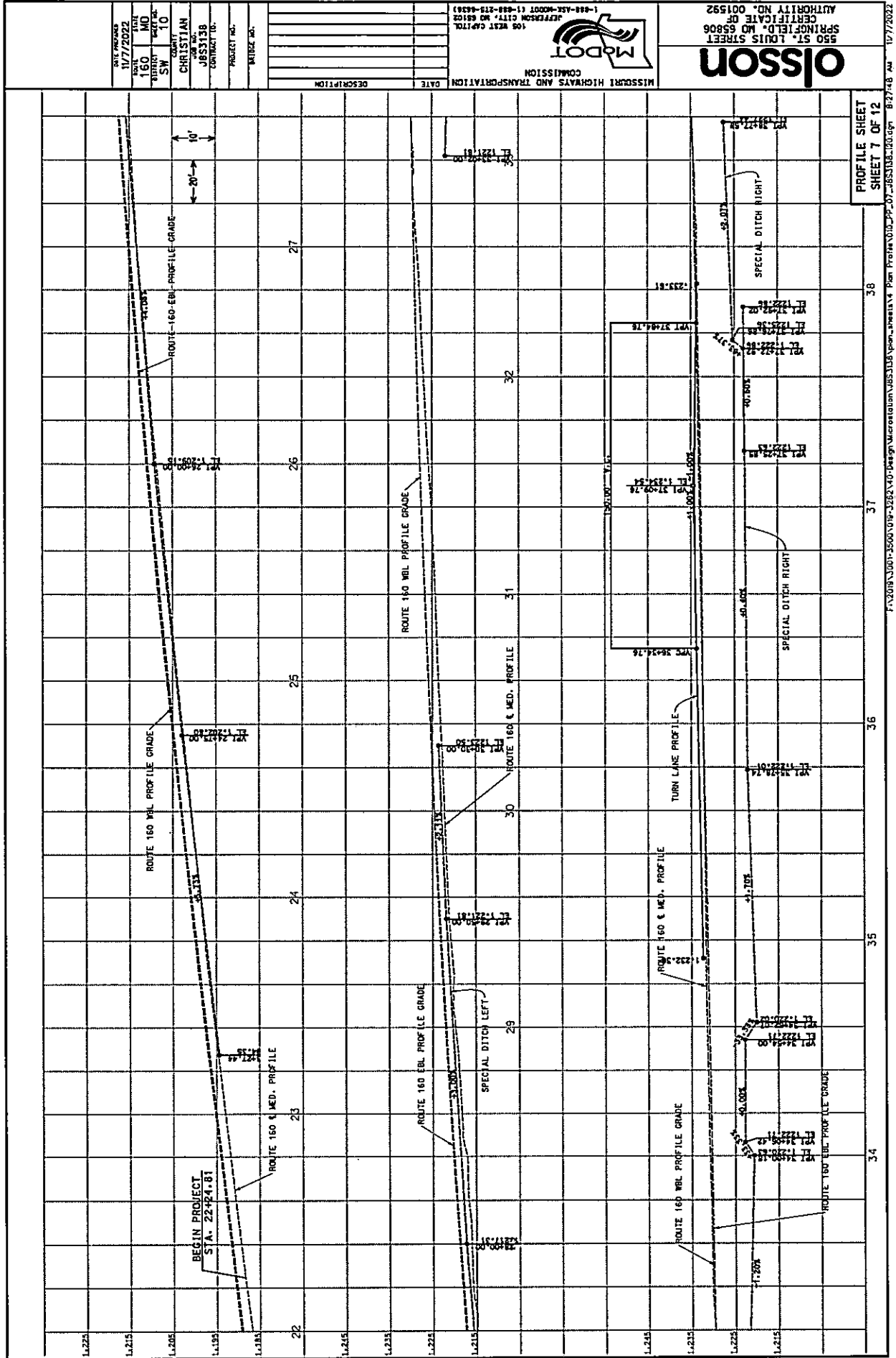
1-888-688-6888
JEFFERSON CITY, MO 65102



PLAN SHEET
SHEET 6 OF 12

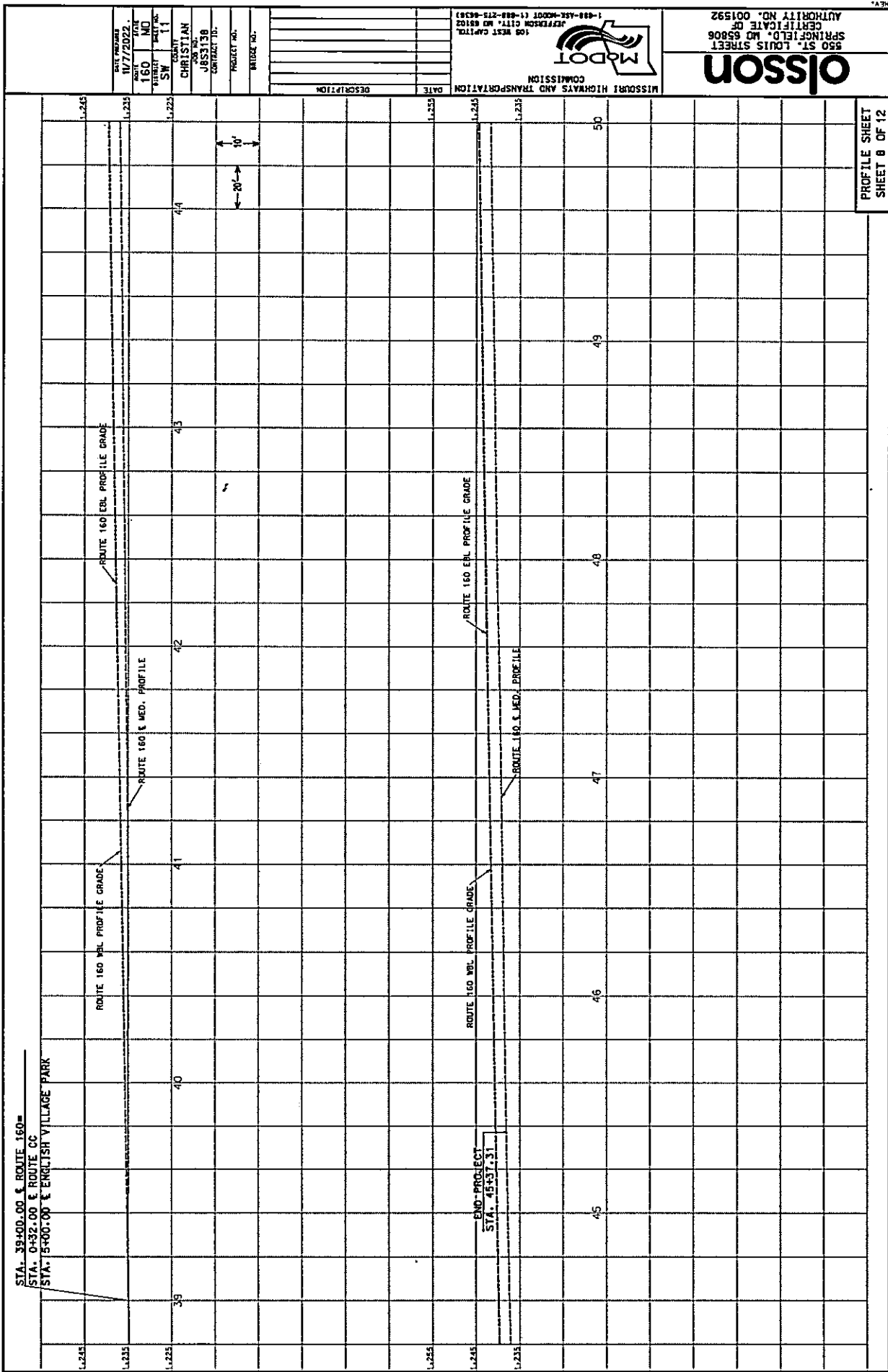


DATE PLOTTED	11/7/2022
STATE	MO
COUNTY	SW
PROJECT NO.	CHRISTIAN
CONTRACT NO.	J853138
DATE	
DESCRIPTION	



PROFILE SHEET
 SHEET 7 OF 12

STA. 39+00.00 & ROUTE 160=
 STA. 0+32.00 & ROUTE CC
 STA. 15+00.00 & ENGLISH VILLAGE PARK



PROFILE SHEET
 SHEET 8 OF 12

Ossison
 550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 CERTIFICATE OF
 AUTHORITY NO. 001592



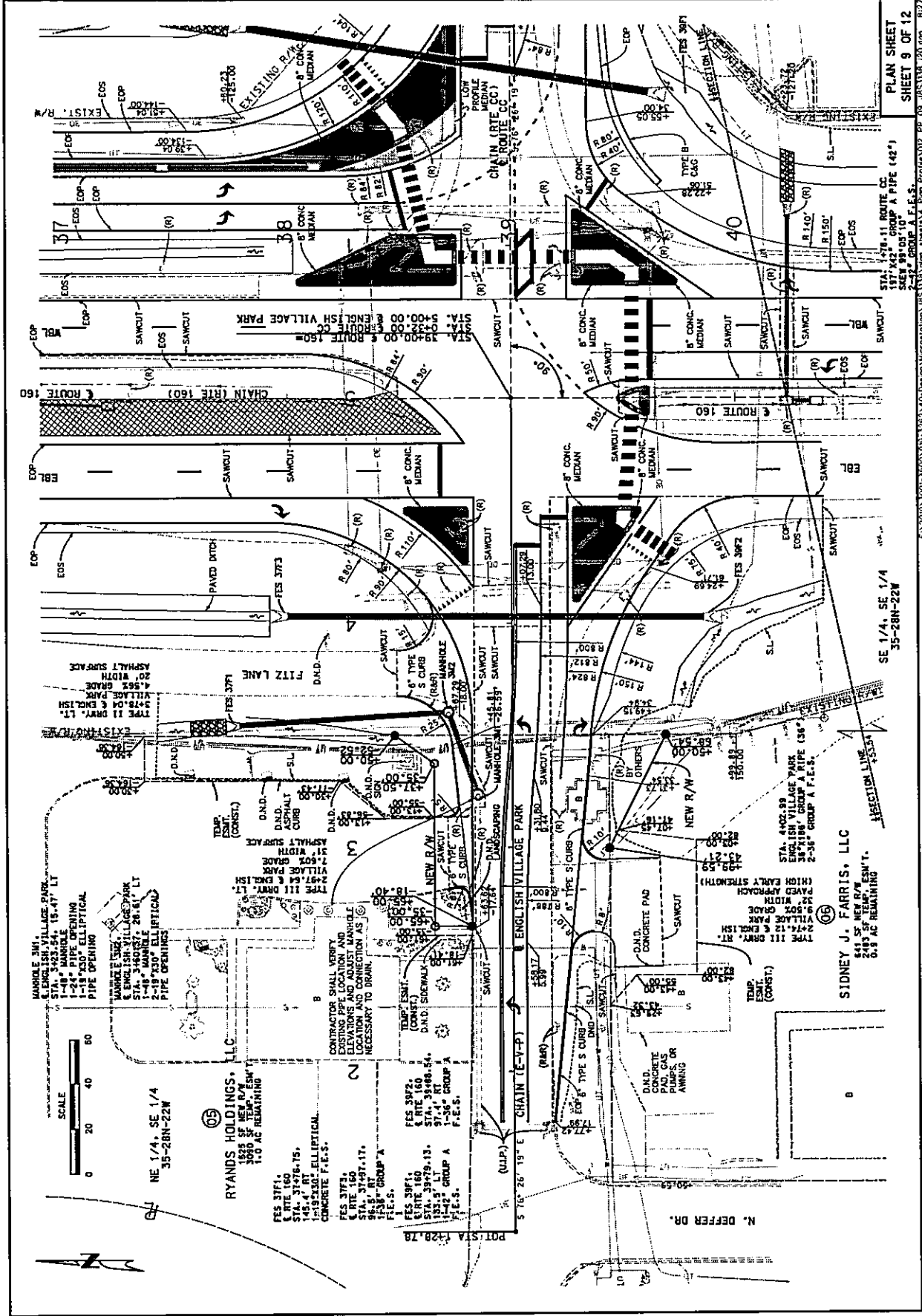
MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION
 108 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-472-6262)

DATE	DESCRIPTION
IV/7/2022 <td>DATE PREPARED </td>	DATE PREPARED
MO <td>STATE </td>	STATE
160 <td>ROUTE </td>	ROUTE
SW <td>SECTION </td>	SECTION
11 <td>POST MILE </td>	POST MILE
CHRISTIAN <td>TOWNSHIP </td>	TOWNSHIP
J853136 <td>CONTRACT NO. </td>	CONTRACT NO.
	PROJECT NO.
	BUDGET NO.

DATE PREPARED 11/7/2022	DATE 160	SCALE 1/4"	PROJECT NO. J85138	DESCRIPTION MISSOURI HIGHWAYS AND TRANSPORTATION
DRAWN BY CHRISTIAN	CHECKED BY J85138	COUNTY JEFFERSON	PROJECT NO. J85138	DATE
CITY ST. LOUIS	CONTRACT NO.	CITY	PROJECT NO.	DATE
STATE MO	CONTRACT NO.	CITY	PROJECT NO.	DATE
DATE 11/7/2022	CONTRACT NO.	CITY	PROJECT NO.	DATE



MISSOURI HIGHWAYS AND TRANSPORTATION
JEFFERSON COUNTY
105 WEST CAPITOL
SPRINGFIELD, MO 65806
AUTHORITY NO. 001592



SCALE: 0 20 40 80

NE 1/4, SE 1/4
35-28N-22W

RYLANDS HOLDINGS, LLC
1505 SE NEW R/W SW/4
1.0 AC REMAINING

SIDNEY J. FARRIS, LLC
648 SE NEW R/W SW/4
0.9 AC REMAINING

N. DEFFER DR.
POT. STA. 1+28.78

CONTRACTOR SHALL VERIFY EXISTING PIPE LOCATION AND ELEVATIONS AND ADJUST MANHOLE LOCATIONS AND CONNECTIONS AS NECESSARY TO DRAIN.

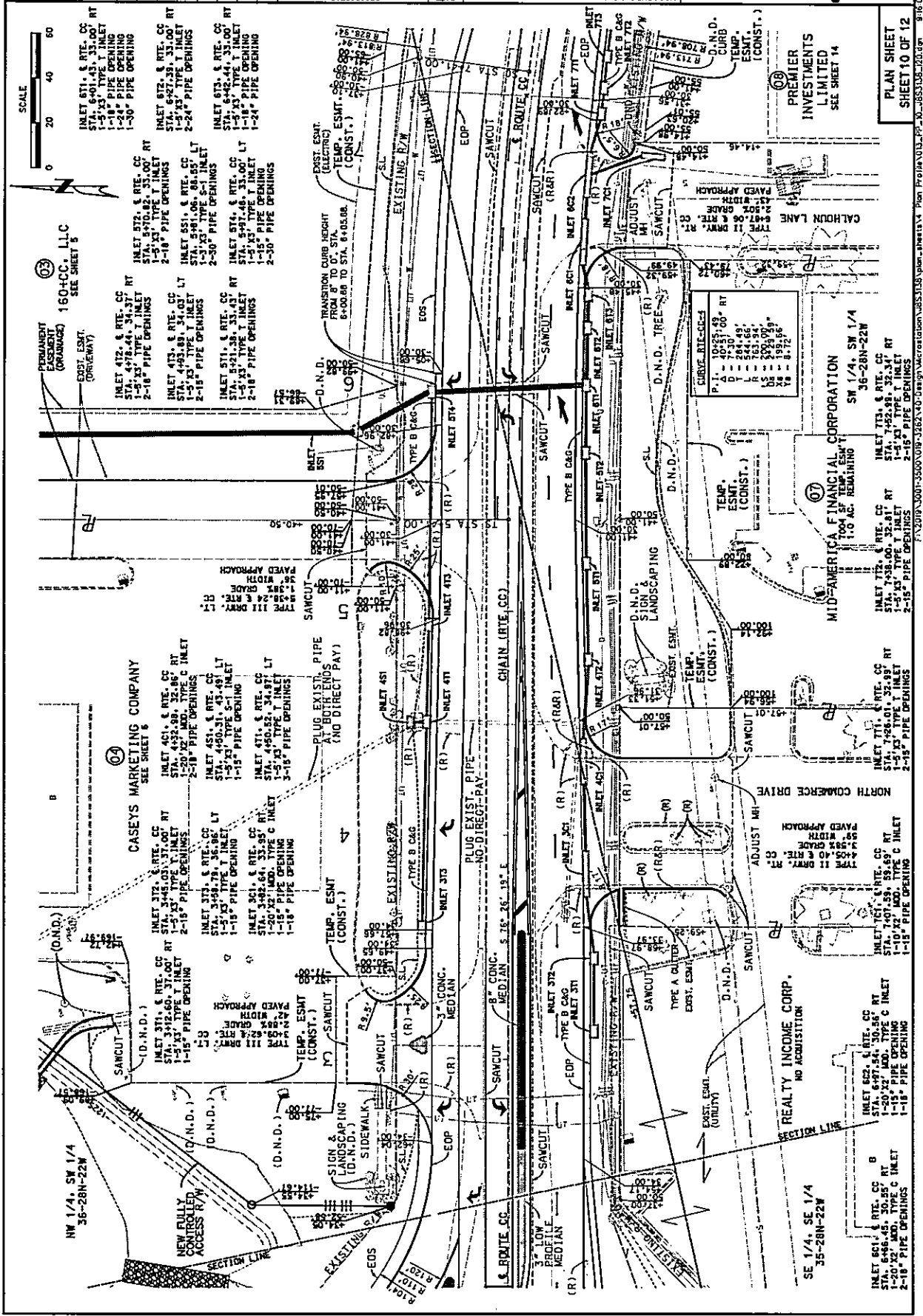
MANHOLE 3M1
E. ENGLISH VILLAGE PARK
STA. 4+23.54, 15-47' LT
1-24\"/>

PLAN SHEET
SHEET 9 OF 12

STA. 4+78.11 ROUTE CC
197' X 22' GROUP A PIPE (48\")
2-35\"/>

17/2/2022

Olsson 950 ST. LOUIS STREET SPRINGFIELD, MO 65806 CENTRIFUGAL PUMP AUTHORITY NO. 001922		MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
	108 WEST CAPITAL SPRINGFIELD, MO 65801 1-488-455-8800 FAX 1-488-273-6831	PROJECT NO.: CONTRACT NO.: SHEET NO.:
	DATE: 11/7/2022 DRAWN BY: MO CHECKED BY: 13 DESIGNED BY: CHRISTIAN PROJECT: JES3138	DESCRIPTION: DATE:
	SCALE: 0 20 40 60	NORTH ARROW



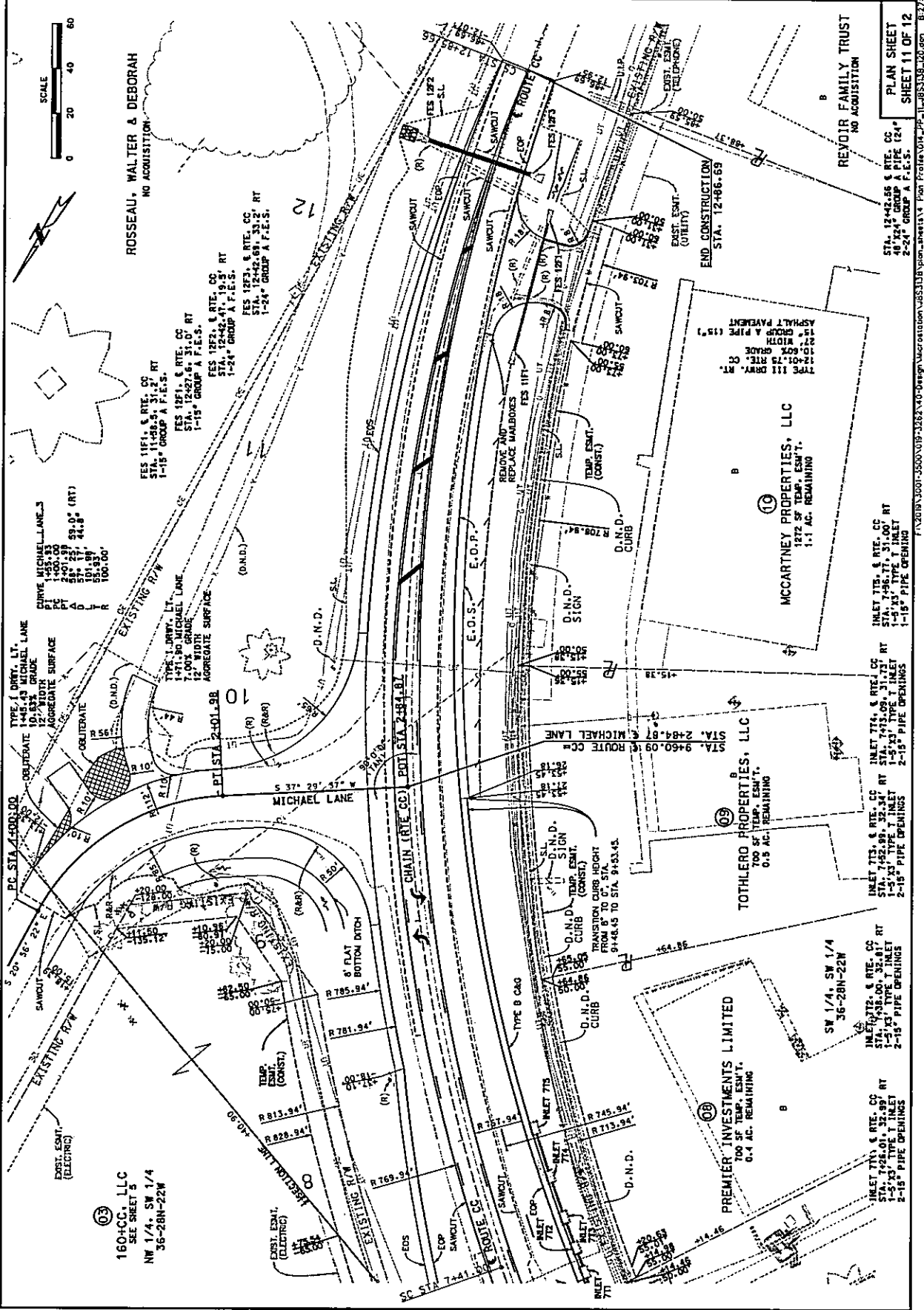
INLET 671, & RTE. CC STA. 6401.43, 33.00' RT 1-5' 3" TYPE T INLET 1-18" PIPE OPENING 1-30' PIPE OPENING	INLET 672, & RTE. CC STA. 4510.42, 33.00' RT 1-5' 3" TYPE T INLET 2-24" PIPE OPENING	INLET 673, & RTE. CC STA. 4510.42, 33.00' RT 1-5' 3" TYPE T INLET 2-24" PIPE OPENING
INLET 674, & RTE. CC STA. 4510.42, 33.00' RT 1-5' 3" TYPE T INLET 2-24" PIPE OPENING	INLET 675, & RTE. CC STA. 4510.42, 33.00' RT 1-5' 3" TYPE T INLET 2-24" PIPE OPENING	INLET 676, & RTE. CC STA. 4510.42, 33.00' RT 1-5' 3" TYPE T INLET 2-24" PIPE OPENING
INLET 677, & RTE. CC STA. 4510.42, 33.00' RT 1-5' 3" TYPE T INLET 2-24" PIPE OPENING	INLET 678, & RTE. CC STA. 4510.42, 33.00' RT 1-5' 3" TYPE T INLET 2-24" PIPE OPENING	INLET 679, & RTE. CC STA. 4510.42, 33.00' RT 1-5' 3" TYPE T INLET 2-24" PIPE OPENING

DATE	11/7/2022
BY	MO
NO.	160
REVISED	
SW	1.4
CLIENT	CHRISTIAN
PROJECT NO.	J85313B
CONTRACT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	1-888-454-ROAD (11-888-413-6828)
103 WEST CAPITOL	
JEFFERSON CITY, MO 65102	



Olsson
 650 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592



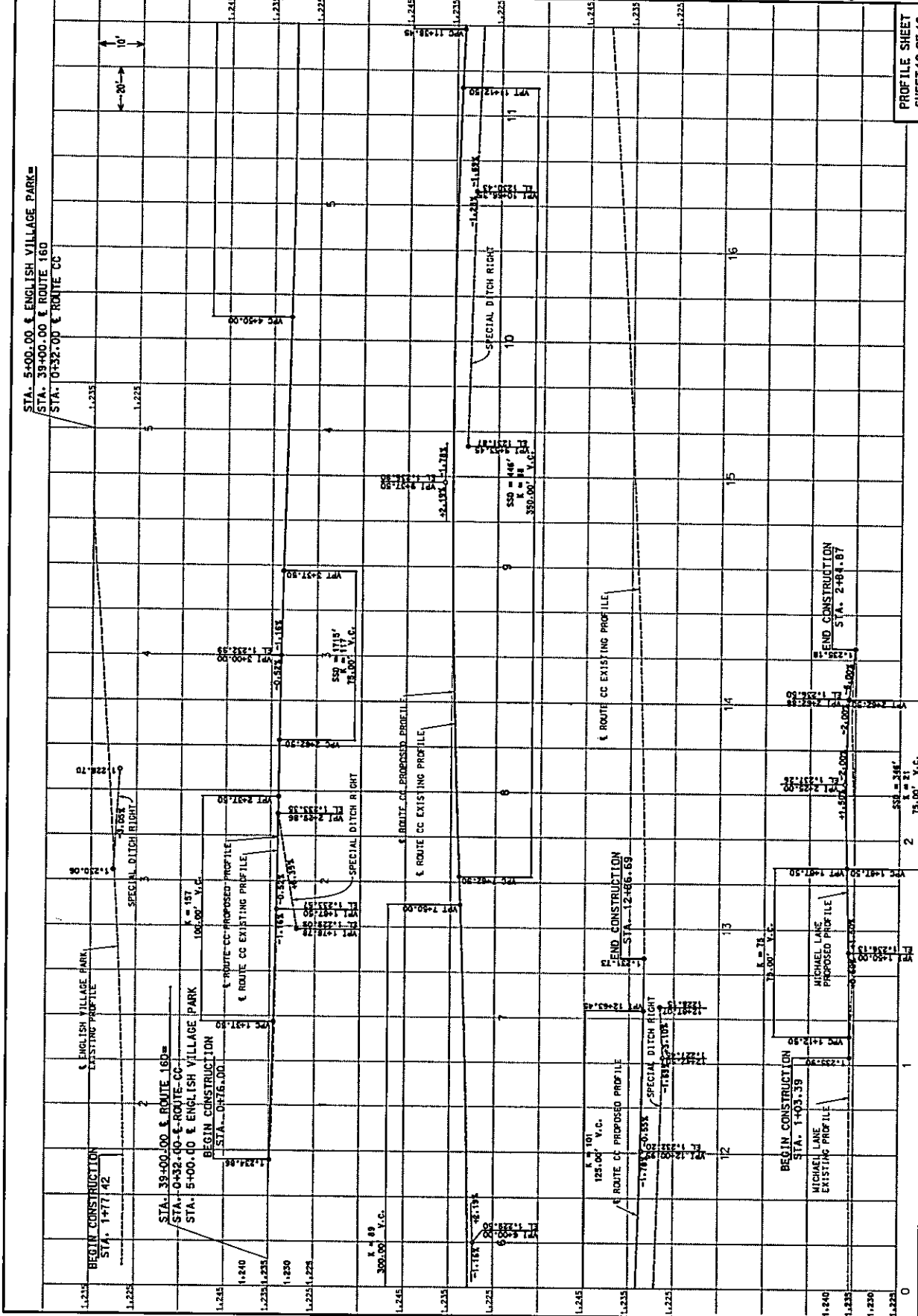
PLAN SHEET 11 OF 12
 SHEET 11 OF 12
 STA. 12+42.56 & RTE. CC
 STA. 12+42.56 & RTE. CC
 2-24" GROUP A F.E.S.
 STA. 12+42.56 & RTE. CC
 STA. 12+42.56 & RTE. CC
 2-24" GROUP A F.E.S.
 STA. 12+42.56 & RTE. CC
 STA. 12+42.56 & RTE. CC
 2-24" GROUP A F.E.S.
 STA. 12+42.56 & RTE. CC
 STA. 12+42.56 & RTE. CC
 2-24" GROUP A F.E.S.

STA. 5+00.00 & ENGLISH VILLAGE PARK
 STA. 39+00.00 & ROUTE 160
 STA. 0+32.00 & ROUTE CC

DATE PLOTTED 10/7/2022	PROJECT NO. 160 MO SW	COUNTY CHRISTIAN	CONTRACT NO. JCS147B
SCALE AS SHOWN	PROJECT NO. 160 MO SW	CONTRACT NO. JCS147B	BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 108 WEST CAPITAL
 SPRINGFIELD, MO 65802
 1-888-452-MODOT 11-888-473-6235

Olsson
 550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592



PROFILE SHEET
 SHEET 12 OF 12

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT FACTOR (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES, MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE REFERENCE CONTROL INFORMATION PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION
 COORDINATE SYSTEM MO STATE PLANE WEST
 HORIZONTAL DATUM NAD 83
 VERTICAL DATUM NAVD 88
 GEOID MODEL GEOID 12B
 ELEVATIONS

DETERMINED BY MDDOT GNS3
 PROJECT PROJECTION FACTOR 1.0000593
 REFERENCE CONTROL INFORMATION
 COORDINATE SYSTEM MO STATE PLANE
 CONTROL STATION N/A
 DESIGNATION MDDOT SPRINGFIELD COR3 ARP
 COR3_ID M0SE
 PID DLS588
 LATITUDE 37 14 30.33454 N
 LONGITUDE 093 13 47.54333 W
 NORTHING (M) 156530.873
 EASTING (M) 435242.882
 ZONE MO STATE PLANE CENTRAL
 PROJECT AVERAGE GRID FACTOR 0.999940704

EXAMPLE OF PROJECT COORDINATE TO S.P.C.
 PROJECT NORTHING X AVERAGE GRID FACTOR
 = STATE PLANE NORTHING
 PROJECT EASTING X AVERAGE GRID FACTOR
 = STATE PLANE EASTING

EXAMPLE: CONTROL POINT #500
 N 457482.988 X 0.999940704 = N 457465.761
 E 1407792.388 X 0.999940704 = E 1407708.892


LINEAR UNIT CONVERSION
 1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

PROJECT CONTROL POINTS	STATION	LOCATION	OFFSET (USFT)	NORTHING (US SURVEY FT.)	EASTING (US SURVEY FT.)	ELEVATION (US SURVEY FT.)	DESCRIPTION	PK POINT ID
49333.42	160	CC	-1671.3922	454830.1048	1408906.6560	1259.4700	MUG NAIL	CP100
23424.09	160	CC	3735.0104	457834.8179	1404011.3250	1198.3470	MUG NAIL	CP101
19344.24	160	CC	1924.7836	458239.3320	1405833.6940	1212.8660	* ROD W/2" ALUMINUM CAP	CP102
15464.49	160	CC	-2556.619	458465.1454	1410336.1450	1131.4030	* ROD W/2" ALUMINUM CAP	CP103
30848.28	160	CC	47.968	460246.0530	1407784.0220	1131.3190	MUG NAIL	CP104
19407.21	160	CC	47.3506	458198.7726	1407110.8730	1170.3480	MUG NAIL	CP105
40489.48	160	CC	47.89	456051.7094	1407413.2420	1236.3110	MUG NAIL	CP106
26497.57	160	CC	-62.9498	457492.8877	1407792.3680	1210.2940	* ROD W/2" ALUMINUM CAP	CP107
17493.42	160	CC	84.7359	458383.7885	1407680.1380	1159.4380	* ROD W/2" ALUMINUM CAP	CP108
315400.00	160	CC		460591.1226	1407844.4529		BEGIN CHAIN RTE 160	69
319488.40	160	CC		461031.0392	1407826.8688		E.O. STA. 319488.40 BK = STA. 0+00.00 AH.	70
24499.70	160	CC		457694.9031	1407740.1116		PC CURVE RTE 160-3	
29466.64	160	LT	28.9738	457118.3375	1407719.3398		PT CURVE RTE 160-3	
35451.70	160	CC		465557.4875	1407584.0375		PT CURVE RTE 160-3	
59449.23	160	CC		454234.5190	1407023.6373		END CHAIN RTE 160	71
0432.00	CC	CC		458226.6793	1407504.2316		BEGIN CHAIN RTE CC	66
5441.00	CC	CC		461013.2534	1407999.0403		TS SPIRAL RTE CC-3	
7441.00	CC	CC		458226.6793	1407999.0403		SC SPIRAL RTE CC-3	
10425.49	LT	LT	51.201	458226.6793	1407999.0403		PT CURVE RTE CC-4	
12485.66	CC	CC		458226.6793	1407999.0403		CS SPIRAL RTE CC-5	
14485.66	CC	CC		458226.6793	1407999.0403		ST SPIRAL RTE CC-5	
17485.70	CC	CC		458226.6793	1407999.0403		END CHAIN RTE CC	67
1928.78	BEVP	BEVP		456313.7252	1407143.3632		BEGIN CHAIN E+P+P	62
5100.00	BEVP	BEVP		458226.6793	1407504.2316		END CHAIN E+P+P	63
0+00	MICHAEL LN	MICHAEL LN		456201.0247	1408410.0084		BEGIN CHAIN MICHAEL LANE	
1+00.00	MICHAEL LN	MICHAEL LN		456107.6288	1408446.0466		PC CURVE MICHAEL LANE-1	
1+55.93	MICHAEL LN	MICHAEL LN	LT	456005.3563	1408465.0336		PT CURVE MICHAEL LANE-1	
2+07.98	MICHAEL LN	MICHAEL LN		456011.0234	1408431.4930		PT CURVE MICHAEL LANE-1	
2+84.67	MICHAEL LN	MICHAEL LN		455945.2566	1408381.5401		END CHAIN MICHAEL LANE	

DATE	DESCRIPTION	DATE
10/27/2022		
160		
MO		
SW		
16		
SW		
CHRISTIAN		
JUSTIN		
CONTRACT NO.		
PROJECT NO.		
PARCEL NO.		

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 CERTIFICATE OF AUTHORITY NO. 001592

108 WEST CAPITOL
 SPRINGFIELD, MO 65802
 1-888-455-4007
 1-888-373-6939

11/20/2019 10:07:35AM V:\19-282\40-Drawing\mcr\mcr\mcr\1905108\plan\mcr\1905108.ctb 8:27:59 AM 11/27/2022

COORDINATE POINT SHEET
 SHEET 1 OF 1