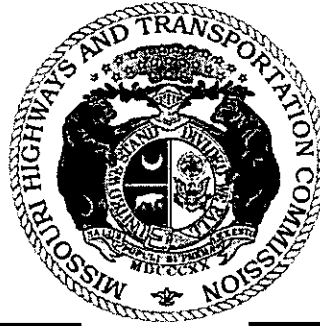


PATRICK K. MCKENNA
Director

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

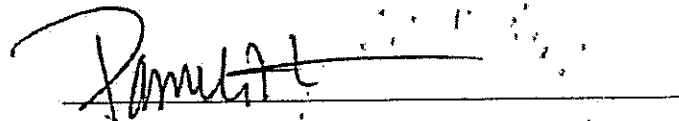
Job Number: J8S3138

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

DESIGN DESIGNATION
A.A.D.T. - 2022 = 31,700
A.A.D.T. - 2042 = 46,354
D.H.V. = 9.45X
T = 7.5X
V = 60 M.P.H.
D = 60X/60X

FUNCTIONAL CLASSIFICATION - EXPRESSWAY
FULLY CONTROLLED ACCESS HIGHWAY

THIS SHALL BE A FULLY CONTROLLED ACCESS HIGHWAY BETWEEN THIS DATE AND 01-01-2042. AFTER THAT DATE, THE HIGHWAY SHALL BE A FULLY CONTROLLED ACCESS HIGHWAY TO THE EXTENT THAT THE HIGHWAY IS NOT FULLY CONTROLLED ACCESS. ACCESS TO THE HIGHWAY SHALL BE LIMITED TO THE EXTENT THAT THE HIGHWAY IS NOT FULLY CONTROLLED ACCESS. ALL ACCESS SHALL BE LIMITED TO THE EXTENT THAT THE HIGHWAY IS NOT FULLY CONTROLLED ACCESS. ALL SERVICE SHALL BE LIMITED TO THE EXTENT THAT THE HIGHWAY IS NOT FULLY CONTROLLED ACCESS.

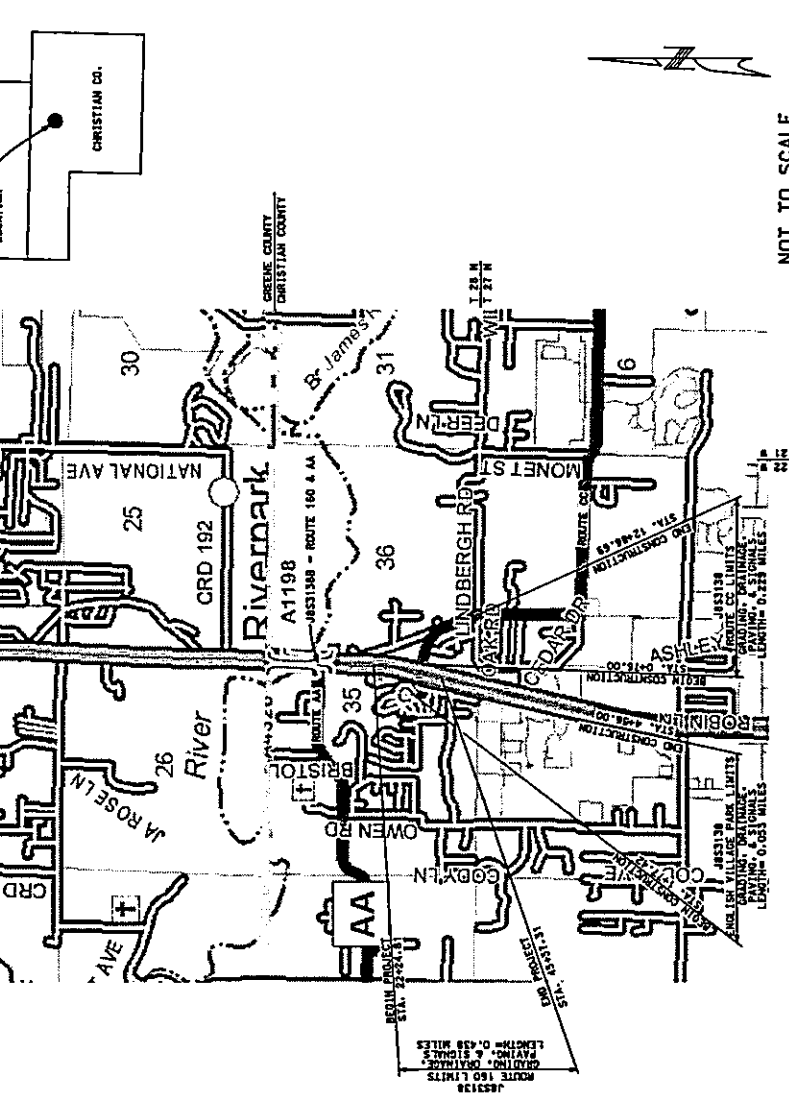
CONVENTIONAL SYMBOLS
(USED IN PLANS)

EXISTING BUILDINGS AND STRUCTURES	NEW BUILDINGS AND STRUCTURES
EXISTING GUARD WALL	NEW GUARD WALL
EXISTING CONC. CHANNEL	NEW CONC. CHANNEL
EXISTING STEEL RAILROAD	NEW STEEL RAILROAD
EXISTING UTILITIES	NEW UTILITIES
EXISTING OVERHEAD POWER	NEW OVERHEAD POWER
EXISTING UNDERGROUND POWER	NEW UNDERGROUND POWER
EXISTING UNDERGROUND TELEPHONE	NEW UNDERGROUND TELEPHONE
EXISTING UNDERGROUND CABLE TV	NEW UNDERGROUND CABLE TV
EXISTING SANITARY SEWER	NEW SANITARY SEWER
EXISTING GAS	NEW GAS
EXISTING WATER	NEW WATER
EXISTING MARSH	NEW MARSH
EXISTING FIRE HYDRANT	NEW FIRE HYDRANT
EXISTING WATER VALVE	NEW WATER VALVE
EXISTING WATER METER	NEW WATER METER
EXISTING DITCH	NEW DITCH
EXISTING DITCH BLOCK	NEW DITCH BLOCK
EXISTING LIGHT POLE	NEW LIGHT POLE
EXISTING H-FRAME POWER POLE	NEW H-FRAME POWER POLE
EXISTING TELEPHONE PEDESTAL	NEW TELEPHONE PEDESTAL
EXISTING CHAIN LINK FENCE	NEW CHAIN LINK FENCE
EXISTING POLE LINE	NEW POLE LINE
EXISTING BENCHMARK	NEW BENCHMARK
EXISTING OPEN FEATURES	NEW OPEN FEATURES

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY**

**SECTIONS 35 & 36 T28N, R22W, CHRISTIAN COUNTY
RIGHT OF WAY PLANS**



NOT TO SCALE

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION. THE COMMISSION MAKES NO REPRESENTATION OR WARRANTY AS TO THE ACCURACY OF THE INFORMATION. THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY, SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

INDEX OF SHEETS

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

DATE		DESCRIPTION
DATE		DESCRIPTION
DATE		DESCRIPTION
DATE		DESCRIPTION
DATE		DESCRIPTION

DATE	DESCRIPTION

LENGTH OF PROJECT

RTE 160	STA. 22964.81		
BEGINNING OF PROJECT	STA. 45937.31		
END OF PROJECT			
APPARENT LENGTH		2312.80	FEET

RTE CC	STA. 0176.00		
BEGINNING OF PROJECT	STA. 12486.69		
END OF PROJECT			
APPARENT LENGTH		1210.69	FEET

ENGLISH VILLAGE PARK

BEGINNING OF PROJECT	STA. 1477.42		
END OF PROJECT	STA. 4426.00		
APPARENT LENGTH		278.58	FEET

EQUTIONS AND EXCEPTIONS:

TOTAL CORRECTIONS

0.0	FEET
0.0	FEET

NET LENGTH OF PROJECT

3001.17	FEET
0.720	MILES

FINISHED DISTRICTED ACRES

7.50	ACRES
------	-------



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65101
(1-888-454-MODOT) (1-888-454-6635)

Missouri DOT

PROJECT NO.: _____
DATE: _____

Olsson

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

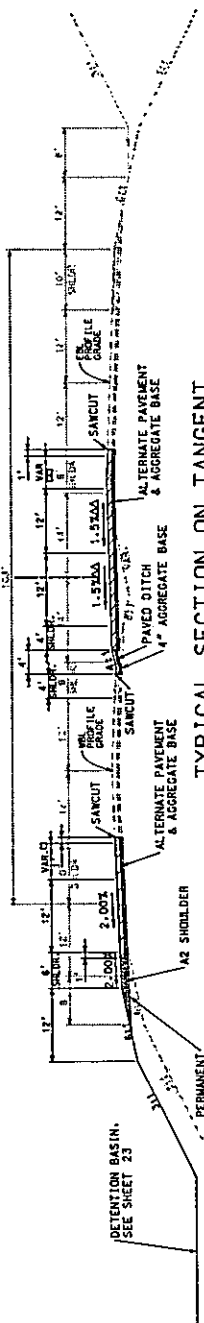
PLANS FOR PROPOSED STATE HIGHWAY
SECTIONS 35 & 36 T28N, R22W, CHRISTIAN COUNTY
RIGHT OF WAY PLANS

8-11-14 10/77/2022

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. STRUCTURES SHOULD BE DESIGNED TO ACCOMMODATE A MINIMUM COVER BASED ON THE THICKER PAVEMENT DESIGN.

Ø RTE 160 MEDIAN

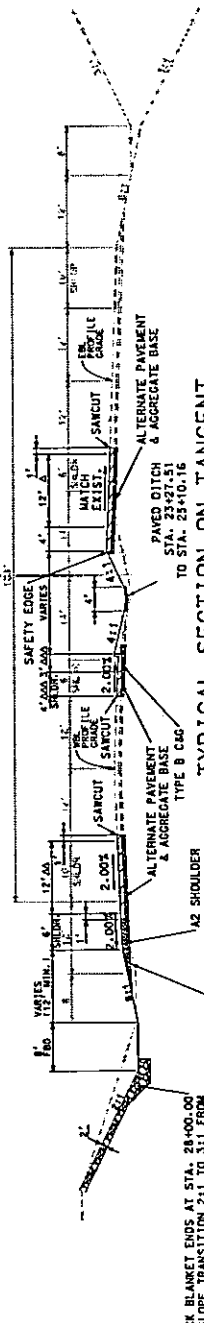


TYPICAL SECTION ON TANGENT

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+94.81 TO STA. 32+40.32

Ø RTE 160 MEDIAN

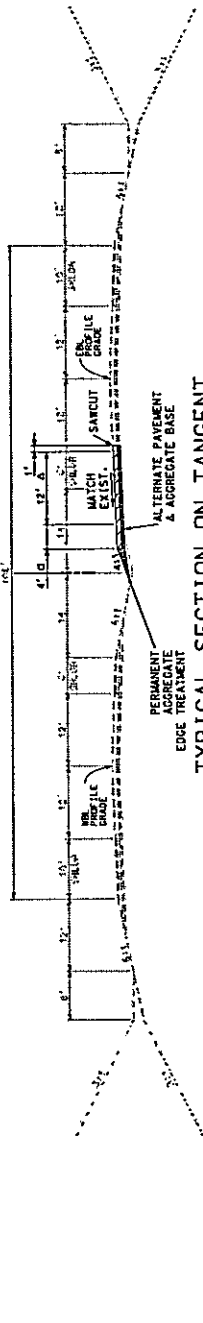


TYPICAL SECTION ON TANGENT

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 12' WIDTH FROM STA. 24+04.81 TO STA. 25+34.81
 Δ TRANSITION 12' TO 24' FROM STA. 25+34.81 TO STA. 27+14.81
 Δ 24' WIDTH FROM STA. 27+14.81 TO STA. 31+74.81
 Δ TRANSITION 0' TO 12' FROM STA. 23+27.44 TO STA. 26+27.44
 Δ 12' TYPE A CURB & GUTTER, 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 12' WIDTH FROM STA. 24+04.81 TO STA. 25+34.81
 Δ TRANSITION 12' TO 24' FROM STA. 25+34.81 TO STA. 27+14.81
 Δ 24' WIDTH 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

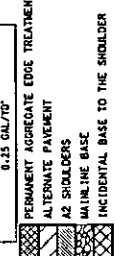
NOT TO SCALE

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

0.10 GAL/100' (UNIONIFIED)
PRIME MC 100 APPLICATION RATE
0.25 GAL/100'



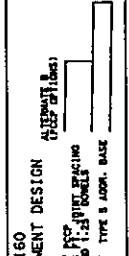
NOTES: CROSS SECTIONS AND PLAN SHEETS FOR CROSS SLOPES, SLOPE TRANSITIONS, AND DITCHES, SLOPE TRANSITIONS AND DITCHES. FOR DETAILS OF PAVEMENT AND TYPICAL SECTIONS FOR MEDIAN CROSSOVERS SEE SPECIAL SHEETS. VERTICAL CURVE CUT WILL BE IMPROVEMENTS.

SEE STANDARD PLANS 401.00 FOR SAFETY EDGE DETAIL.

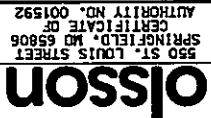
SEE TYPICAL SECTION SHEET 8 OF PERMANENT AGGREGATE EDGE TREATMENT DETAIL.

SUPERELEVATION

SS LT STA.	TURN LN	SS RT STA.
1.000	10230.00	1.000
1.000	11230.00	1.000



ROUTE 160
 ALTERNATE PAVEMENT DESIGN
 1.5% SAND, 1.5% AGGREGATE BASE, 4" TYPE B AGGREGATE BASE



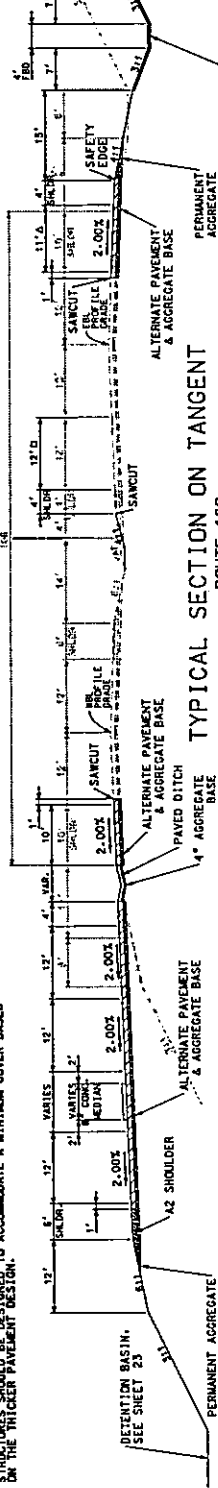
550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 SPRINGFIELD, MO 65802
 1-888-652-4207 (1-888-678-4207)

8-27-09 AM 10/27/2022

NOTES:
 CROSS SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE
 SURFACE PROFILE AS SHOWN ON THE PLANS. ADJUSTMENTS WILL BE MADE FOR
 PAY IF ASPHALT ALTERNATE IS USED.
 SUBGRADE PROFILE AND CROSS SECTIONS SHOULD BE DESIGNED FOR THE THINNER
 PAVEMENT DESIGN. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE
 PROFILE GRADE OR ELEVATION DESIGN WITHIN TOLERANCE OF ROAD
 ON THE THINNER PAVEMENT DESIGN.

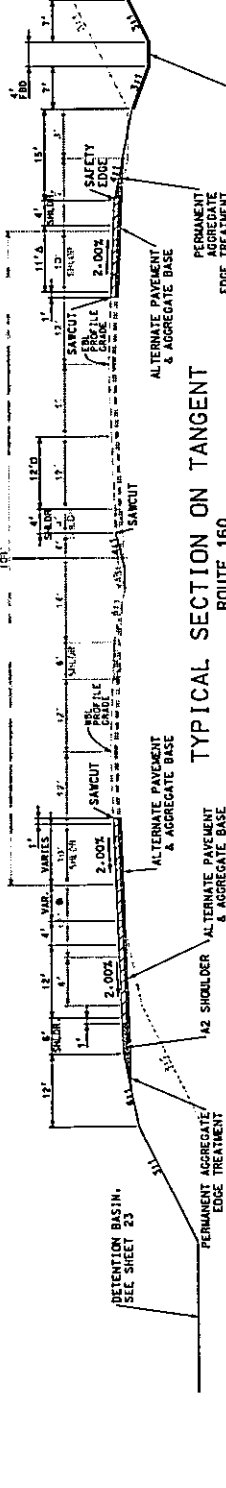
ROUTE 160 MEDIAN



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

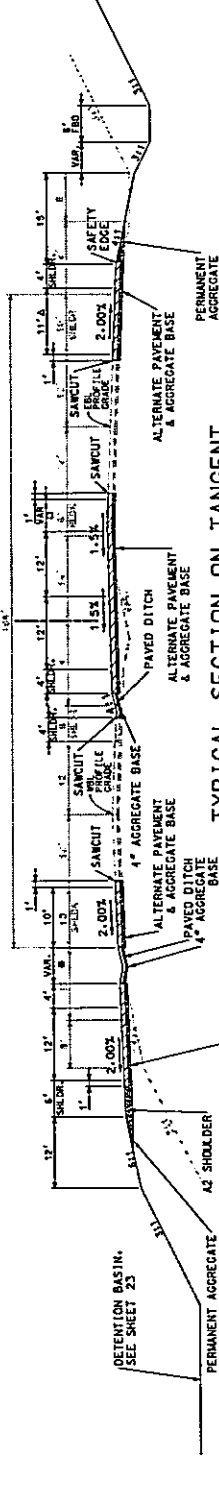
ROUTE 160 MEDIAN



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

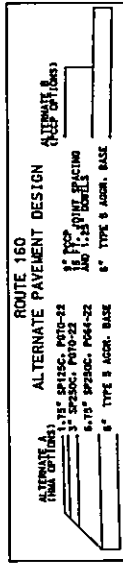
ROUTE 160 MEDIAN



TYPICAL SECTION ON TANGENT

ROUTE 160
 STA. 32+35.17 TO STA. 32+40.52
 * WIDTH VARIES 2' MINIMUM. SEE PLANS FOR DETAILS
 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



MATERIAL	TONS/CL. 12' OF A.C.
SP250C P070-23	1.970 5.23
SP250C P070-23	1.995 4.33
SP250C P064-23	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
 ALTERNATE PAVEMENT
 A2 SHOULDERS
 MAINLINE BASE
 INCIDENTAL BASE TO THE SHOULDER

NOTES:
 1. BASE SECTIONS AND CROSS SECTIONS FOR CROSS SLOPES AND TRANSITIONS TAPER LENGTHS. SUPER ELEVATIONS AND DITCH FOR DETAILS OF PAVEMENT AND TOP OF SECTION FOR MEDIAN CROSSOVERS SEE SPECIAL SHEETS VERTICAL SAW CUT WILL BE PAID FOR UNDER REMOVAL OF IMPROVEMENTS.
 2. SEE STANDARD PLANS 401.00 FOR SAFETY EDGE DETAIL.
 3. SEE TYPICAL SECTION SHEET 8 OF 15 FOR PERMANENT AGGREGATE EDGE TREATMENT DETAIL.

ROUTE 160
 TYPICAL SECTION
 SHEET 2 OF 15

DATE PRINTED	11/7/2022
DATE	11/7/2022
PROJECT NO.	J853138
CONTRACT ID.	CHRISTIAN
COUNTY	SW
JOB NO.	2
PROJECT NO.	J853138
CONTRACT ID.	CHRISTIAN
COUNTY	SW
JOB NO.	2

DESCRIPTION

DATE

DATE



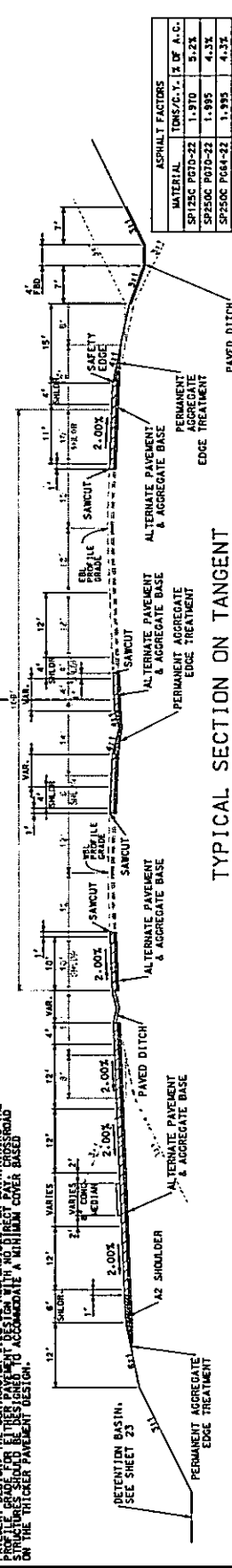
108 WEST CAPITOL
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001952

MDOT
 MISSOURI HIGHWAYS AND TRANSPORTATION
 AUTHORITY NO. 001952

11/7/2022

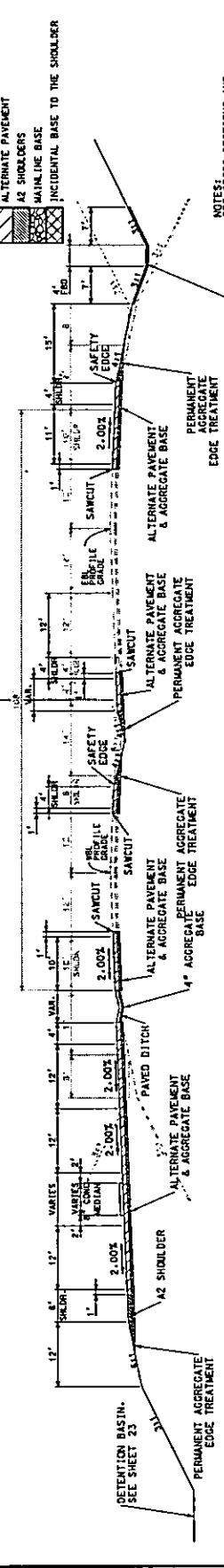
NOTES: SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE ALTERNATE. ALTERNATE CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY IF ASPHALT ALTERNATE IS USED.
 SURFACE PROFILE AND CROSS SECTIONS SHOULD BE DESIGNED FOR THE THINNER PAVED SECTION. BASED ON THE DESIGN OF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

☉ RTE 160 MEDIAN



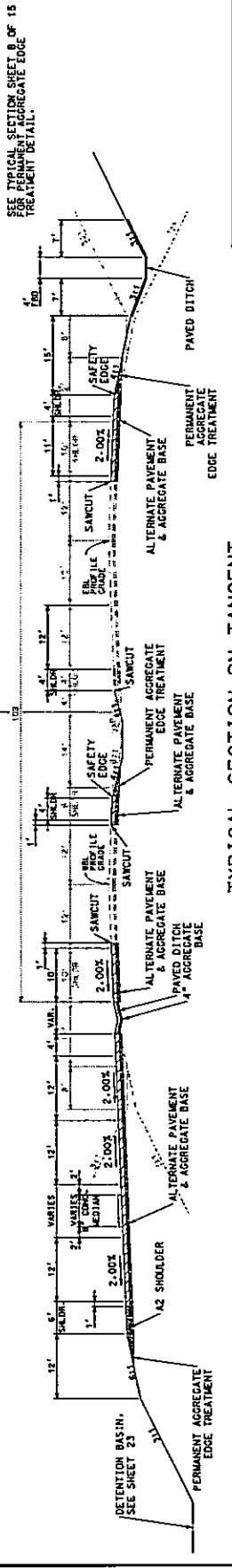
TYPICAL SECTION ON TANGENT
 ROUTE 160
 STA. 36+55.62 TO STA. 36+60.60

☉ RTE 160 MEDIAN



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

☉ RTE 160 MEDIAN



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

NOT TO SCALE

ASPHALT FACTORS	
MATERIAL	TONS/C.Y. @ 4" A.C.
SP250C P020-22	1.970 5.2%
SP250C P020-22	1.995 4.5%
SP250C P024-22	1.995 4.5%

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

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

NOTES:
 1. SEE CROSS SECTIONS AND NOTES FOR MATERIALS, SLOPES AND TRANSITION LENGTHS, SLOPE TRANSITIONS, AND DITCH SLOPE TRANSITIONS.
 2. TOP OF LEGS TO BE FINISHED AND CROSSOVERS SEE SPECIAL SHEETS FOR UNDER REMOVAL OF IMPROVEMENTS.
 3. VERTICAL SAW CUT WILL BE PAID FOR UNDER REMOVAL OF IMPROVEMENTS.

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

ROUTE 160 ALTERNATE PAVEMENT DESIGN	
ALTERNATE A (TYPE 8) BASE	8" TYPE 8 AGGR. BASE
ALTERNATE B (TYPE 8) BASE	8" TYPE 8 AGGR. BASE
ALTERNATE C (TYPE 8) BASE	8" TYPE 8 AGGR. BASE
ALTERNATE D (TYPE 8) BASE	8" TYPE 8 AGGR. BASE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

108 WEST CAPITOL AVENUE
 JEFFERSON CITY, MO 65101
 1-888-455-4600 EXT. 4123

Ossison

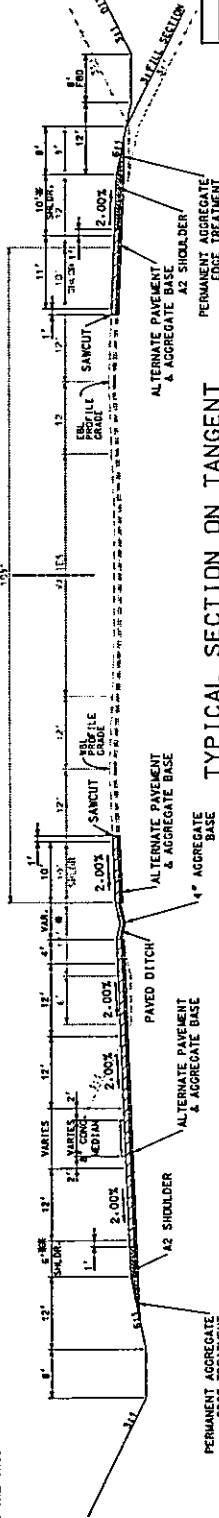
550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 CENTRAL OFFICE
 AUTHORITY NO. 001952

DATE: 11/7/2022
PROJECT NO. 160
CONTRACT NO. SW 2
DESIGNER: CHRISTIAN JBS5138
PROJECT NO. 160
CONTRACT NO. SW 2

DATE: 11/7/2022
PROJECT NO. 160
CONTRACT NO. SW 2
DESIGNER: CHRISTIAN JBS5138
PROJECT NO. 160
CONTRACT NO. SW 2

NOTE: CROSS SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE ALTERNATE. CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY. ASPHALT ALTERNATE IS BASED ON THE FOLLOWING ASSUMPTIONS:
 SUBGRADE & BASE COURSE SHALL BE DESIGNED FOR THE FINISHED PROFILE GRADE. PROFILE GRADE FOR EITHER PAVEMENT DESIGN WITH NO DIRECT PAVEMENT STRUCTURES SHALL BE AT 2.0% GRADE.
 ON THE THICKER PAVEMENT DESIGN.

Ø RTE 160 MEDIAN

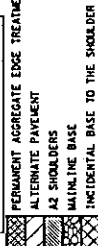


TYPICAL SECTION ON TANGENT

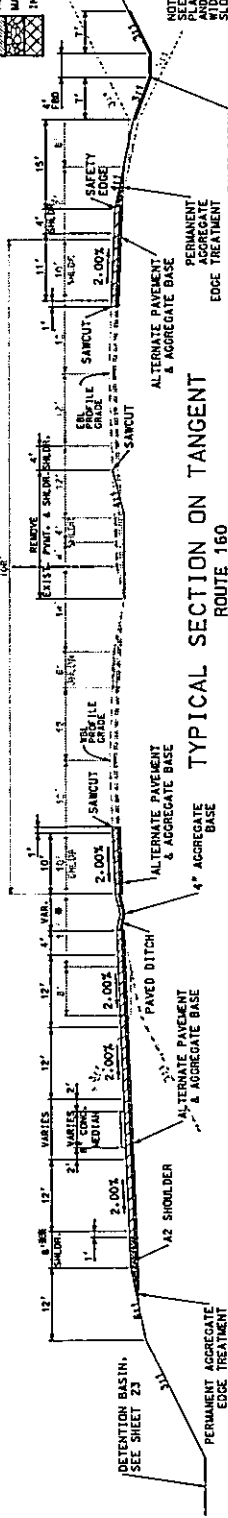
ROUTE 160
 STA. 38+68.34 TO STA. 39+48.20
 * FULL DEPTH SHOULDER STARTING AT STA. 37+82.00
 ** FULL DEPTH SHOULDER STARTING AT STA. 37+55.99

MATERIAL	TONS/C.Y.	% OF A.C.
SP125C PG70-22	1.970	5.2%
SP230C PG70-22	1.985	4.3%
SP230C PG64-22	1.985	4.3%

TACK COAT APPLICATION RATE	0.15 GAL/100' (LIMITED)
PRIME NO. 800 APPLICATION RATE	0.25 GAL/100'

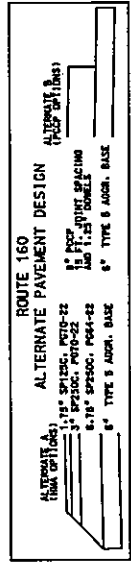


Ø RTE 160 MEDIAN

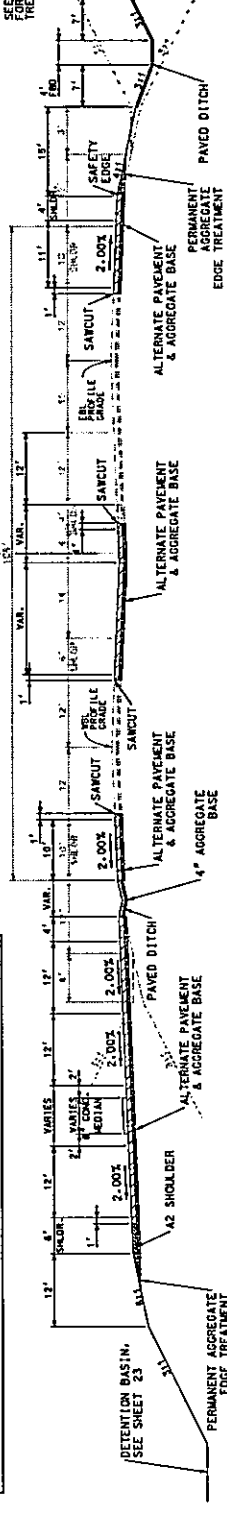


TYPICAL SECTION ON TANGENT

ROUTE 160
 STA. 36+84.23 TO STA. 38+68.34
 * FULL DEPTH SHOULDER STARTING AT STA. 37+82.00
 ** FULL DEPTH SHOULDER STARTING AT STA. 37+55.99



Ø RTE 160 MEDIAN



TYPICAL SECTION ON TANGENT

ROUTE 160
 STA. 36+60.60 TO STA. 36+84.23

NOT TO SCALE



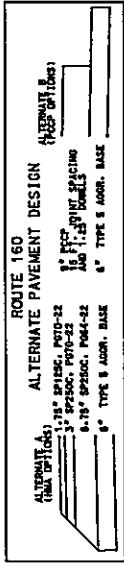
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 108 WEST CAPITOL
 JEFFERSON CITY, MO 65806
 1-888-682-4607 1-888-673-6833

Olsson
 550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 CERTIFICATE OF REGISTERED PROFESSIONAL ENGINEER NO. 001592
 AUTHORITY NO. 001592

RTE 160
 TYPICAL SECTION
 SHEET 4 OF 15

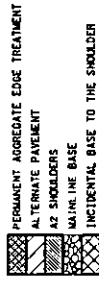
NOTES: SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE CROSS SECTION. CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY IF ASPHALT ALTERNATE IS USED.

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.

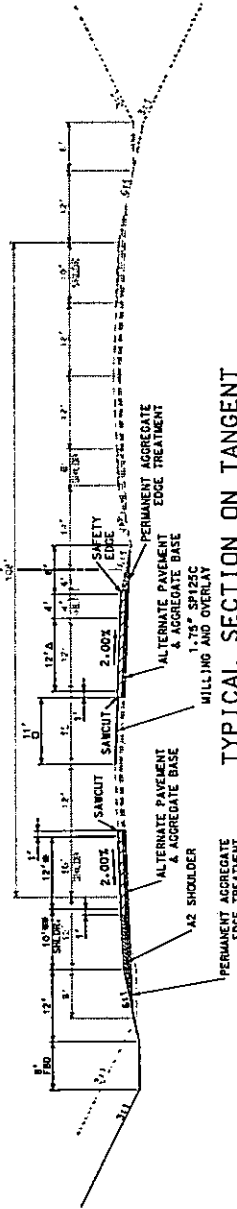


ASPHALT FACTORS	
MATERIAL	TENS./C.Y. % OF A.C.
SP123C P070-22	1.970 5.2%
SP250C P070-22	1.995 4.3%
SP250C P084-22	1.995 4.3%

TACK COAT APPLICATION RATE	
0-10 GAL/100' (DILUTED)	
PRIME NO. 800 APPLICATION RATE	
0-25 GAL/70'	



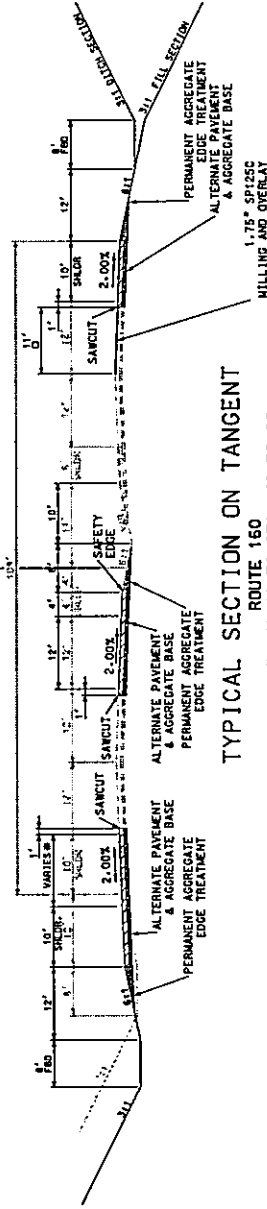
Ø RTE 160 MEDIAN



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

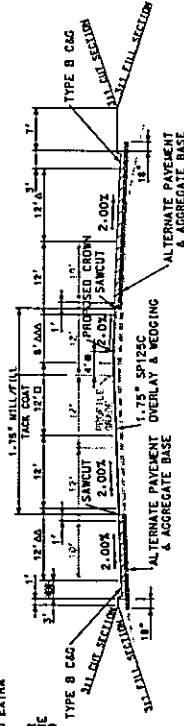
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-658-MODOT (1-888-671-6633)

Olsson

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

NOTE: CROSS SECTIONS AND EARTHWORKS IN THIS PROJECT ARE BASED ON THE CONCRETE ALTERNATE. IF AN ALTERNATE IS DESIRED, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ALTERNATE IS FEASIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA SUBMITTALS REQUIRED. CROSS SECTIONS SHOULD BE DESIGNED FOR THE THINNER SUBGRADE FOR EACH ALTERNATE. THE CONTRACTOR SHALL VERIFY THE THINNESS OF THE PROFILE GRADE FOR EITHER PAVEMENT DESIGN WITH NO DIRECT PAY OR CROSSROADS IN THE THINNER PAVEMENT DESIGN.

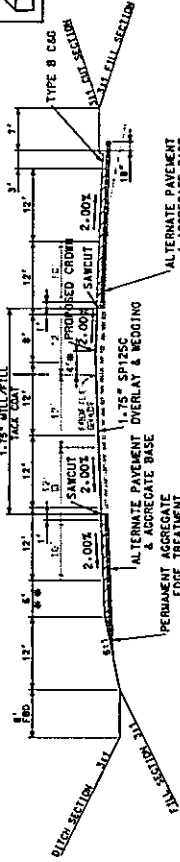
ROUTE CC



TYPICAL SECTION ON TANGENT

ROUTE CC
STA. 4+56.00 TO STA. 6+05.68
 A TRANSITION 12' TO 0' FROM STA. 7+31.56 TO STA. 12+86.69
 AA TRANSITION 12' TO 0' FROM STA. 7+37.10 TO STA. 8+37.10
 AAA TRANSITION 8' TO 0' FROM STA. 3+57.66 TO STA. 5+41.00
 B TRANSITION 4' TO 0' FROM STA. 3+57.66 TO STA. 5+37.66
 BB START C&G AT STA. 3+49.65

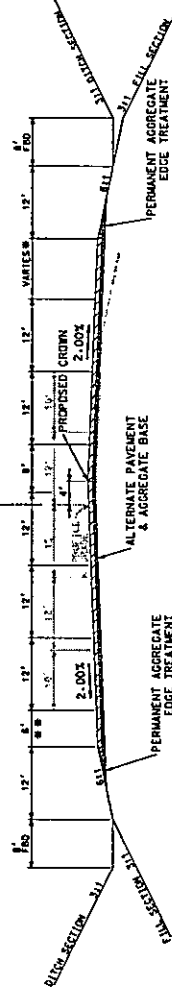
ROUTE CC



TYPICAL SECTION ON TANGENT

ROUTE CC
STA. 1+94.55 TO STA. 4+56.00
 A TRANSITION 4' TO 0' FROM STA. 3+47.64 TO STA. 5+37.66
 B SHOULDERS END AT STA. 3+49.65
 D TRANSITION FROM 12' TO 1' FROM STA. 1+95.20 TO STA. 2+44.09

ROUTE CC



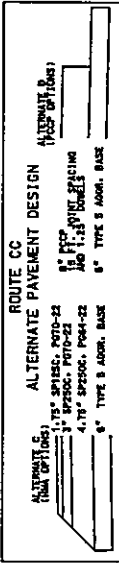
TYPICAL SECTION ON TANGENT

ROUTE CC
STA. 0+76.00 TO STA. 1+94.55
 SEE PLANS FOR DETAILS
 SHOULDERS END AT STA. 2+71.35

MATERIAL	TONS/CY	% OF A.C.
SP250C P20-D-22	1.970	5.2%
SP250C P20-D-22	1.995	4.3%
SP250C P24-D-22	1.993	4.3%

ASPHALT FACTORS		
SP250C P20-D-22	1.970	5.2%
SP250C P20-D-22	1.995	4.3%
SP250C P24-D-22	1.993	4.3%

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



ROUTE CC
ALTERNATE PAVEMENT DESIGN
 ALTERNATE PAVEMENT DESIGN
 1.75\"/>

SEE CROSS SECTIONS AND PLAN SHEETS FOR CROSS SLOPES AND TRANSITION LENGTHS, SLOPE TRANSITIONS AND DITION. FOR DETAILS OF PAVEMENT AND TYPICAL SECTIONS FOR MEDIAN CROSSOVERS SEE SPECIAL SHEETS. VERTICAL CURVE WILL BE IMPROVEMENTS.

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

RTE CC
TYPICAL SECTION
SHEET 6 OF 15

NOT TO SCALE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-648-6007 (1-888-648-6007)

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

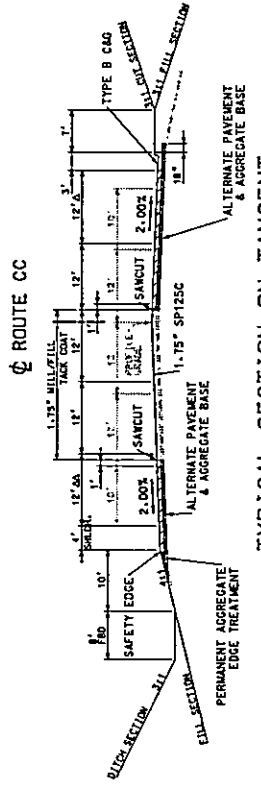
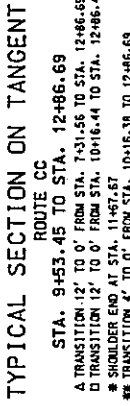
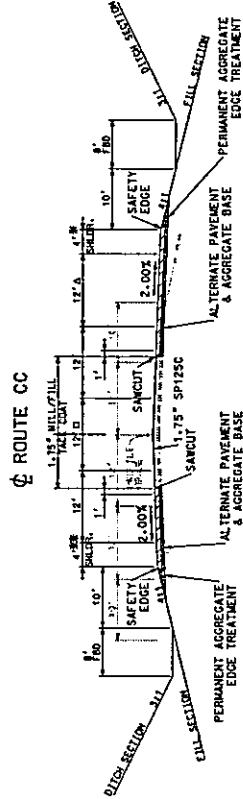
NOTE: CROSS SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE PAVEMENT ALTERNATE DESIGN. RESPONSIBILITY FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA CHARGE TO THE CONTRACTOR IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS FOR THE CONSTRUCTION OF THE ALTERNATE DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS FOR THE CONSTRUCTION OF THE ALTERNATE DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS FOR THE CONSTRUCTION OF THE ALTERNATE DESIGN.

ROUTE CC / ENGLISH VILLAGE PARK
ALTERNATE PAVEMENT DESIGN

MATERIAL	TONS/Y. % OF A.C.
SP125C P670-22	1.970 5.2%
SP225C P670-22	1.995 4.3%
SP225C P684-22	1.995 4.3%
PMP (BP-1) P684-22	1.985 5.2%
PMP (BASE) P684-22	2.000 4.7%

TAKE COAT APPLICATION RATE
0.10 GAL/100' (UNLIMITED)

PRIME AGG. 800 APPLICATION RATE
0.25 GAL/100'



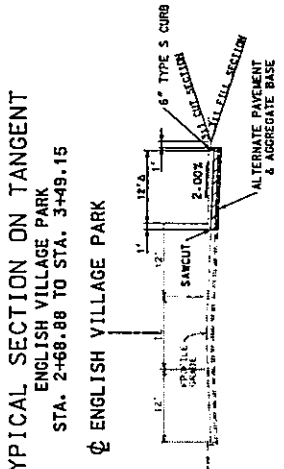
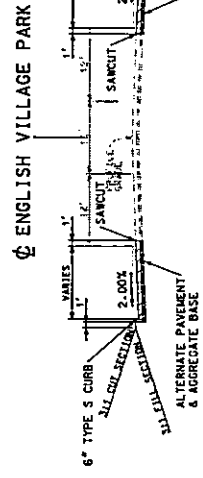
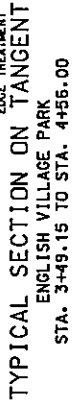
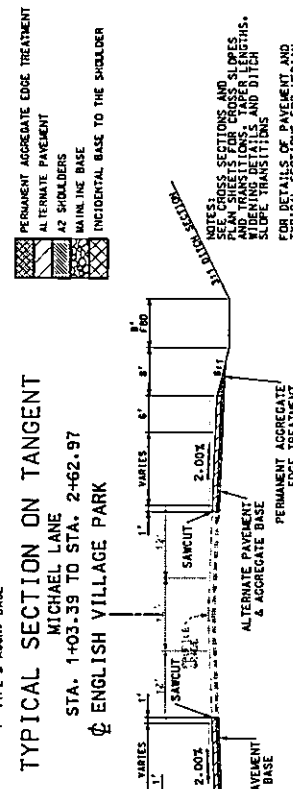
NOT TO SCALE

ROUTE CC / ENGLISH VILLAGE PARK
ALTERNATE PAVEMENT DESIGN

MATERIAL	TONS/Y. % OF A.C.
SP125C P670-22	1.970 5.2%
SP225C P670-22	1.995 4.3%
SP225C P684-22	1.995 4.3%
PMP (BP-1) P684-22	1.985 5.2%
PMP (BASE) P684-22	2.000 4.7%

TAKE COAT APPLICATION RATE
0.10 GAL/100' (UNLIMITED)

PRIME AGG. 800 APPLICATION RATE
0.25 GAL/100'



ENGLISH VILLAGE PARK
TYPICAL SECTION
SHEET 7 OF 15

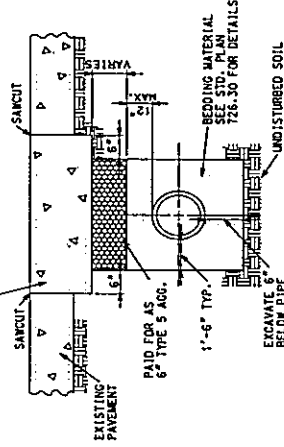
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
JEFFERSON CITY, MISSOURI 65101
1-888-484-6200 (T) 314-884-6200 (F)

Olsson
950 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CRITICAL PATH METHOD
AUTHORITY NO. 001592

PROJECT NO. _____
CONTRACT NO. _____
SHEET NO. _____
DATE _____

12/20/2018 10:00:35 AM 108-3282-440-Design/Information/MISS118/plan_views/2 /types/002/15-07_085318-00-01-00.dwg 8/27/25 AM 17/72022

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

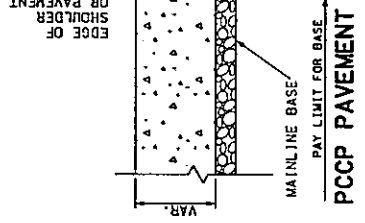
ASPHALT FACTORS

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%

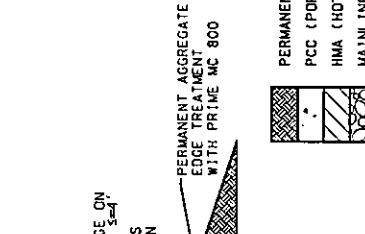
TAXI CODE APPLICATION RATE

PRIME MC 800 APPLICATION RATE	0.10 GAL/TY (UNMULIPLIED)
PRIME MC 800 APPLICATION RATE	0.25 GAL/TY

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

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.: 160
 DATE PREPARED: 11/77/2022
 DRAWN BY: SW
 CHECKED BY: _____
 APPROVED BY: _____
 1-888-ASK-MODOT (1-888-275-6281)
 105 WEST CAPITOL
 JEFFERSON CITY, MO 64102
 MISSOURI DOT
 550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592
 17772022 AM 8:27:38 AM

DATE ISSUED	17/7/2022
DATE	16/0
NO.	MD
REV.	SW
QUANTITY	2
DESIGNER	CHRISTIAN
JOB NO.	J853138
CONTRACT NO.	
PROJECT NO.	
WIDE NO.	

DESCRIPTION	
DATE	

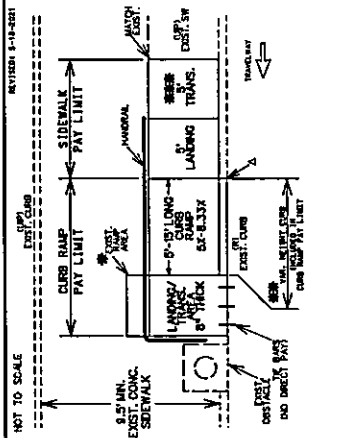
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

108 WEST CAPITOL SPRINGFIELD, MO 65806
 1-888-ASK-MISSOURI (1-888-274-6332)

Olsson

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

17/7/2022



NOT TO SCALE

1. MATCH EXIST CURB

2. FILL IN WHERE EXIST. RAMP HAS. SIZE WILL VARY. (SEE TYPICAL SHEET)

3. USE 1/2" MIN. THICK CONCRETE FOR CURB RAMP AND LANDING.

4. MATCH EXIST CURB

5. FILL IN WHERE EXIST. RAMP HAS. SIZE WILL VARY. (SEE TYPICAL SHEET)

6. USE 1/2" MIN. THICK CONCRETE FOR CURB RAMP AND LANDING.

7. MATCH EXIST CURB

8. FILL IN WHERE EXIST. RAMP HAS. SIZE WILL VARY. (SEE TYPICAL SHEET)

9. USE 1/2" MIN. THICK CONCRETE FOR CURB RAMP AND LANDING.

10. MATCH EXIST CURB

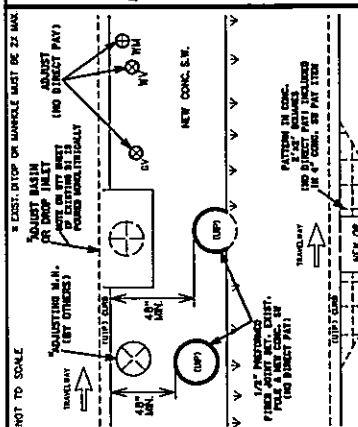
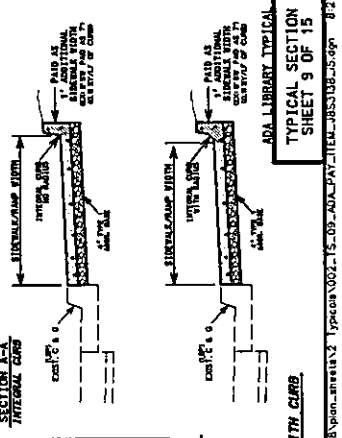
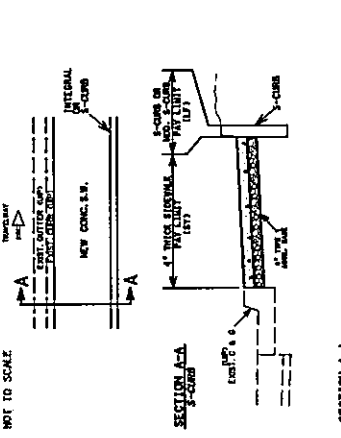
11. FILL IN WHERE EXIST. RAMP HAS. SIZE WILL VARY. (SEE TYPICAL SHEET)

12. USE 1/2" MIN. THICK CONCRETE FOR CURB RAMP AND LANDING.

13. MATCH EXIST CURB

14. FILL IN WHERE EXIST. RAMP HAS. SIZE WILL VARY. (SEE TYPICAL SHEET)

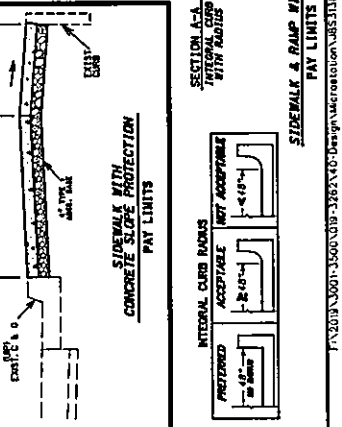
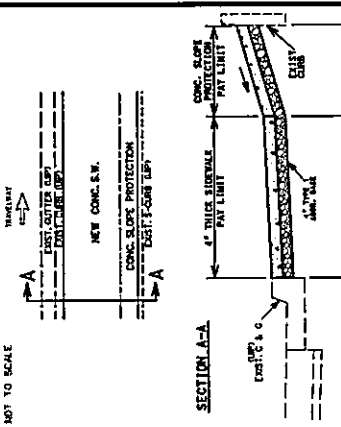
15. USE 1/2" MIN. THICK CONCRETE FOR CURB RAMP AND LANDING.



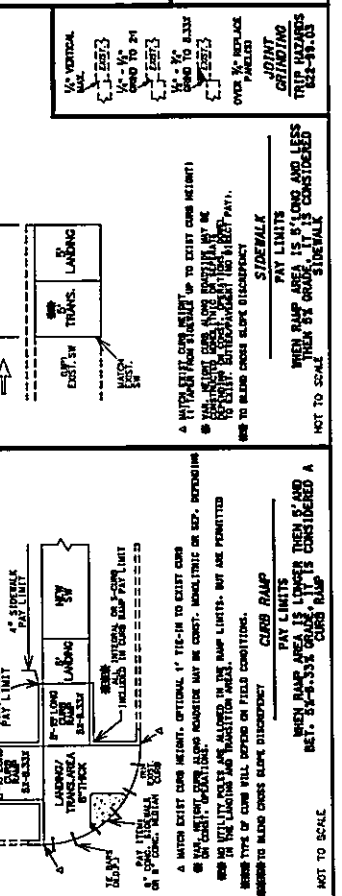
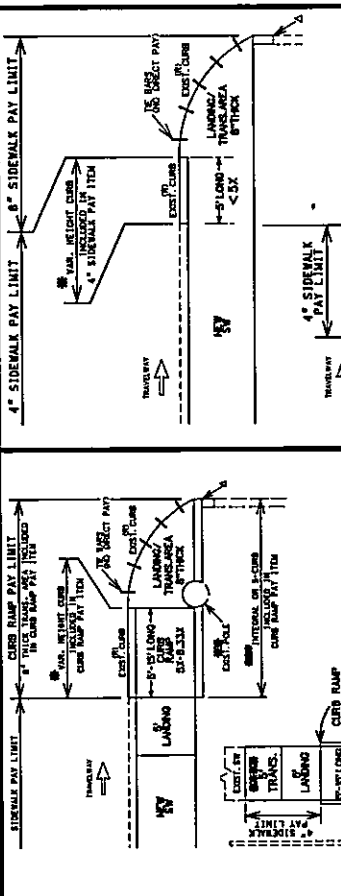
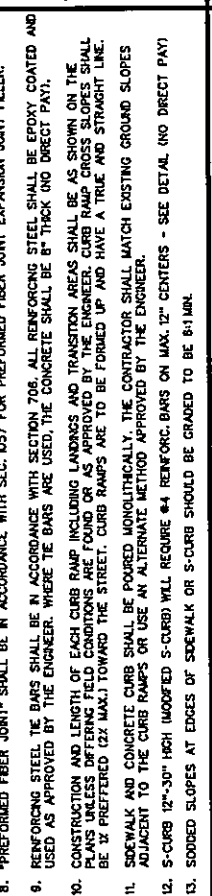
NOT TO SCALE

UTILITIES OR VARIOUS OBSTACLES

NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AREAS AND SIDEWALK WITH A MINIMUM OF 4' CLEARANCE AROUND THE POLE.



- CONCRETE SIDEWALK, CURB RAMP AND DETECTABLE WARNING DEVICE (TRUNCATED DOMES) DETAILS SHALL CONFORM TO ADA REQUIREMENTS UNLESS NOTED OTHERWISE IN THESE PLANS. FOR SIDEWALK JOINT AND CURB DETAILS, SEE STANDARD PLAN 06B.00.
- TRUNTED CONCRETE SHALL NOT BE USED. TRUNCATED DOMES SHALL BE OF A COLOR CONTRASTING WITH UNLIMITED CONCRETE AND APPROVED BY THE ENGINEER. TRUNCATED DOMES ARE REQ'D. AT STREET INTERSECTIONS AND COMMERCIAL ENTRANCES WITH TRAFFIC CONTROL ONLY. (STOP/YIELD SIGNS OR SIGNALS)
- CONCRETE SHALL BE IN ACCORDANCE WITH SEC. 608 & SEC. 609. CURING COMPOUND SHALL BE TRANSPARENT.
- ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE 4" THICK, WITH THE EXCEPTION OF THE BOTTOM TRANSITION WHICH TIES INTO THE EXISTING PAVED APPROACH AND ROADWAY. THIS TRANSITION, OR LANDING AREA, MUST BE 8" THICK IF IT FALLS WITHIN THE RADIUS OF THE APPROACH AND SITS AT THE BACK OF CURB OF THE ROADWAY. ALL CONCRETE SIDEWALK AND CURB RAMP/TRANSITION/LANDING AREAS SHALL BE ON 4" TYPE 1 AGGREGATE BASE.
- AGGREGATE BASE DENSITY - CONTRACTOR SHALL EXERCISE GOOD COMPACTIVE EFFORT AS APPROVED BY THE ENGINEER. DENSITY REQUIREMENTS BY NUCLEAR METHOD WILL NOT BE REQUIRED DUE TO WORK AREA CONSTRAINTS.
- CONCRETE CURB RAMP - WIDTH = 5' MIN. LENGTH = 5' MIN. TO 15' PREFERRED MAX. (8' MAX.) RUNNING SLOPE = 2% (MAX) UNIFORMLY DOWN THE LENGTH OF THE RAMP.
- CONCRETE LANDING - WIDTH = TO MATCH PROPOSED CURB RAMP AND SIDEWALK WIDTH. LENGTH = 5' MIN. SLOPE IN ALL DIRECTIONS = 0% PREFERRED (2% MAX) UNLESS TIED TO ROADWAY EXCEPTION.
- ALL EXISTING UTILITIES SHALL BE USED IN PLACE UNLESS OTHERWISE NOTED. ALL MANHOLE OR VALVE COVER, ETC. ELEVATIONS SHALL BE ADJUSTED AS REQUIRED IF THEY ARE LOCATED WITHIN THE IMPROVEMENT AREA.
- "PREFORMED FIBER JOINT" SHALL BE IN ACCORDANCE WITH SEC. 1037 FOR PREFORMED FIBER JOINT EXPANSION JOINT FILLER.
- REINFORCING STEEL THE BARS SHALL BE IN ACCORDANCE WITH SECTION 706. ALL REINFORCING STEEL SHALL BE EPOXY COATED AND USED AS APPROVED BY THE ENGINEER. WHERE TIE BARS ARE USED, THE CONCRETE SHALL BE 8" THICK (NO DIRECT PAY).
- CONSTRUCTION AND LENGTH OF EACH CURB RAMP INCLUDING LANDINGS AND TRANSITION AREAS SHALL BE AS SHOWN ON THE PLANS UNLESS DEFERRING FIELD CONDITIONS ARE FOUND OR AS APPROVED BY THE ENGINEER. CURB RAMP CROSS SLOPES SHALL BE 3% PREFERRED (2% MAX.) TOWARD THE STREET. CURB RAMP'S ARE TO BE FORMED UP AND HAVE A TRUE AND STRAIGHT LINE.
- SIDEWALK AND CONCRETE CURB SHALL BE POURED MONOLITHICALLY. THE CONTRACTOR SHALL MATCH EXISTING GROUND SLOPES ADJACENT TO THE CURB RAMP OR USE AN ALTERNATE METHOD APPROVED BY THE ENGINEER.
- 5-CURB 12"x30" HIGH (WOODED 5-CURB) WILL REQUIRE #4 REINFORC. BARS ON MAX. 12" CENTERS - SEE DETAIL (NO DIRECT PAY)
- SOODED SLOPES AT EDGES OF SIDEWALK OR 5-CURB SHOULD BE GRADED TO BE 8:1 MIN.



NOT TO SCALE

CONCRETE SIDEWALK, CURB RAMP AND DETECTABLE WARNING DEVICE (TRUNCATED DOMES) DETAILS SHALL CONFORM TO ADA REQUIREMENTS UNLESS NOTED OTHERWISE IN THESE PLANS. FOR SIDEWALK JOINT AND CURB DETAILS, SEE STANDARD PLAN 06B.00.

NOT TO SCALE

UTILITIES OR VARIOUS OBSTACLES

NO UTILITY POLES ARE ALLOWED IN THE RAMP LIMITS, BUT ARE PERMITTED IN THE LANDING AREAS AND SIDEWALK WITH A MINIMUM OF 4' CLEARANCE AROUND THE POLE.

NOT TO SCALE

8" SIDEWALK PAY LIMIT

4" SIDEWALK PAY LIMIT

CONCRETE SIDEWALK WITH PROTECTION

NOT TO SCALE

4" SIDEWALK PAY LIMIT

CONCRETE SIDEWALK WITH PROTECTION

INTERNAL CURB BARRIERS

ACCEPTABLE

NOT ACCEPTABLE

PROVIDED

8" MIN. THICK

4" MIN. THICK

2" MIN. THICK

1" MIN. THICK

0.5" MIN. THICK

REVISED 12-01-2011

T' - IS TO BE A 90° TURN AT THE END OF THE RAMP AND STREETS WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP.

T - TRANSITION TO EXISTING STREETS AND STREETS WITHIN THE RADIUS. PAID FOR AS CONCRETE CURB RAMP.

L - LANDING

R - RAMP

IS STILL NEEDED EVEN IF THE EXISTING SURFACE IS THE SAME WILL BLEND THE EXISTING SURFACE INTO THE NEW LANDING (SLOPE)

TRUNCATED DOME LOCATION, IF DIST. IS 4'9" OR >9', AT STREETS & ENTRANCES UTILIZING FIELD / STOP SIGNS OR SIGNALS.

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

PROJECT NO. _____

DATE _____

CONTRACT NO. _____

CONTRACT ID: J853138

COUNTY: CHRISTIAN

ROUTE NO. _____

SECTION: _____

DATE: _____

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MdOT

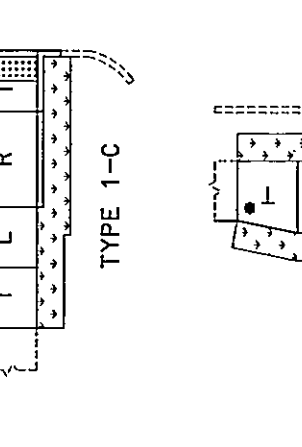
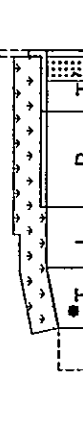
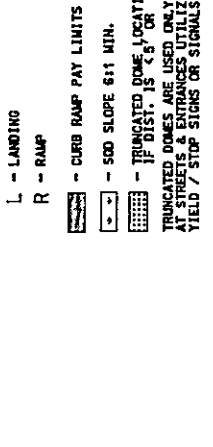
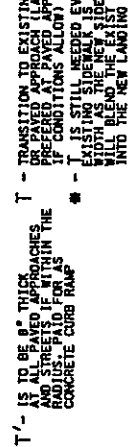
108 WEST CAPITOL JEFFERSON CITY, MO 65102

1-888-682-6807 (1-888-682-6807)

Olsson

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

10/17/2022



PERPENDICULAR - TYPE 1

TYPE 1-A	LENGTH (LF)						WIDTH (LF)						REMARKS
	4	5	6	8	12	16	4	5	6	8	12	16	
TRUNCATED DOMES	10.0	12.0	14.0	18.0	24.0	30.0	10.0	12.0	14.0	18.0	24.0	30.0	
CURB RAMP	8.2	10.1	12.1	15.8	21.1	26.4	8.2	10.1	12.1	15.8	21.1	26.4	
ADA LINEAR CHADWELL	18.4	22.5	26.6	34.4	45.6	56.8	18.4	22.5	26.6	34.4	45.6	56.8	
SOOTING	22.0	27.0	32.0	41.0	54.0	67.0	22.0	27.0	32.0	41.0	54.0	67.0	

TYPE 1-B	LENGTH (LF)						WIDTH (LF)						REMARKS
	4	5	6	8	12	16	4	5	6	8	12	16	
TRUNCATED DOMES	22.0	24.0	26.0	34.0	45.0	56.0	22.0	24.0	26.0	34.0	45.0	56.0	
CURB RAMP	5.4	6.5	7.6	9.8	12.9	16.0	5.4	6.5	7.6	9.8	12.9	16.0	
ADA LINEAR CHADWELL	18.5	22.4	26.3	34.2	45.1	56.0	18.5	22.4	26.3	34.2	45.1	56.0	
SOOTING	28.0	31.0	34.0	44.0	57.0	70.0	28.0	31.0	34.0	44.0	57.0	70.0	

TYPE 1-C	LENGTH (LF)						WIDTH (LF)						REMARKS
	4	5	6	8	12	16	4	5	6	8	12	16	
TRUNCATED DOMES	18.0	21.0	24.0	30.0	39.0	48.0	18.0	21.0	24.0	30.0	39.0	48.0	
CURB RAMP	11.2	13.4	15.6	19.5	25.4	31.3	11.2	13.4	15.6	19.5	25.4	31.3	
ADA LINEAR CHADWELL	22.0	27.0	32.0	41.0	54.0	67.0	22.0	27.0	32.0	41.0	54.0	67.0	
SOOTING	11.0	13.3	15.5	19.4	25.3	31.2	11.0	13.3	15.5	19.4	25.3	31.2	

TYPE 1-D	LENGTH (LF)						WIDTH (LF)						REMARKS
	4	5	6	8	12	16	4	5	6	8	12	16	
TRUNCATED DOMES	18.0	21.0	24.0	30.0	39.0	48.0	18.0	21.0	24.0	30.0	39.0	48.0	
CURB RAMP	14.8	18.0	21.2	27.0	35.4	43.8	14.8	18.0	21.2	27.0	35.4	43.8	
ADA LINEAR CHADWELL	22.0	27.0	32.0	41.0	54.0	67.0	22.0	27.0	32.0	41.0	54.0	67.0	
SOOTING	13.3	15.6	17.9	22.8	29.7	36.6	13.3	15.6	17.9	22.8	29.7	36.6	

TYPE 1-E	LENGTH (LF)						WIDTH (LF)						REMARKS
	4	5	6	8	12	16	4	5	6	8	12	16	
TRUNCATED DOMES	14.0	16.0	18.0	21.0	27.0	34.0	14.0	16.0	18.0	21.0	27.0	34.0	
CURB RAMP	11.2	13.4	15.6	19.5	25.4	31.3	11.2	13.4	15.6	19.5	25.4	31.3	
ADA LINEAR CHADWELL	22.0	27.0	32.0	41.0	54.0	67.0	22.0	27.0	32.0	41.0	54.0	67.0	
SOOTING	11.0	13.3	15.5	19.4	25.3	31.2	11.0	13.3	15.5	19.4	25.3	31.2	

TYPE 1-F	LENGTH (LF)						WIDTH (LF)						REMARKS
	4	5	6	8	12	16	4	5	6	8	12	16	
TRUNCATED DOMES	14.0	16.0	18.0	21.0	27.0	34.0	14.0	16.0	18.0	21.0	27.0	34.0	
CURB RAMP	14.8	18.0	21.2	27.0	35.4	43.8	14.8	18.0	21.2	27.0	35.4	43.8	
ADA LINEAR CHADWELL	22.0	27.0	32.0	41.0	54.0	67.0	22.0	27.0	32.0	41.0	54.0	67.0	
SOOTING	13.3	15.6	17.9	22.8	29.7	36.6	13.3	15.6	17.9	22.8	29.7	36.6	

TYPE 1-G	LENGTH (LF)						WIDTH (LF)						REMARKS
	4	5	6	8	12	16	4	5	6	8	12	16	
TRUNCATED DOMES	14.0	16.0	18.0	21.0	27.0	34.0	14.0	16.0	18.0	21.0	27.0	34.0	
CURB RAMP	14.8	18.0	21.2	27.0	35.4	43.8	14.8	18.0	21.2	27.0	35.4	43.8	
ADA LINEAR CHADWELL	22.0	27.0	32.0	41.0	54.0	67.0	22.0	27.0	32.0	41.0	54.0	67.0	
SOOTING	13.3	15.6	17.9	22.8	29.7	36.6	13.3	15.6	17.9	22.8	29.7	36.6	

ADA LIBRARY TYPICAL
PERPENDICULAR
CURB RAMPS
TYPICAL SECTION
SHEET 10 OF 15

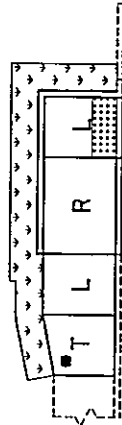
DATE: 11/7/2022
 TIME: 6:00 AM
 PROJECT NO.: JBS1338
 CONTRACT NO.:
 DRAWN BY: CHRISTIAN
 CHECKED BY: JBS1338
 DATE: 11/7/2022

MISSISSIPPI HIGHWAYS AND TRANSPORTATION
 1-888-ASK-MDOT (1-888-272-6282)
 105 WEST CAPITOL
 REVEREND CITY CENTER
 JACKSON, MISSISSIPPI 39201

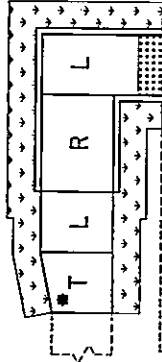
560 ST. LOUIS STREET
 SPRINGFIELD, MD 21150
 CERTIFICATE NO. 001592
Olsson

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

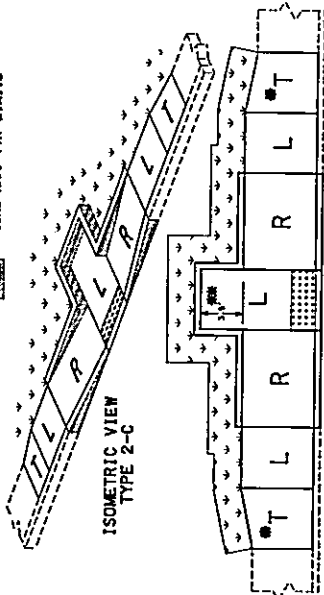
NOTE: QUANTITIES ARE CALCULATED BY AREA AND
 MAY NOT MATCH EXACT FIELD CONDITIONS.
 ** 3.5' LANDING EXTENSION REQUIRED
 FOR INSTALLATION OF FUTURE OR NEW
 PED. PUSH BUTTON
 NOTE: SEE STANDARDS FOR ALL PED.
 PUSH BUTTON LOCATIONS
 - TRUNCATED DOME
 TRUNCATED DOMES ARE USED ONLY
 AT STREETS & ENTRANCES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



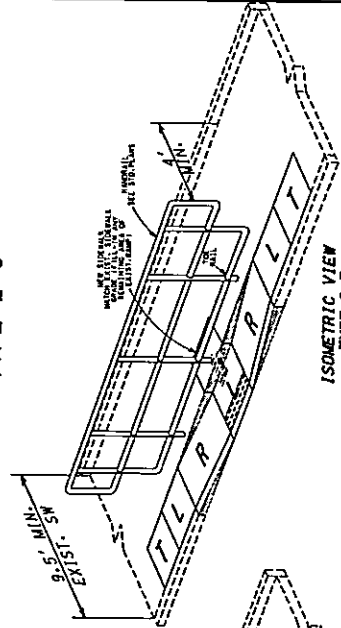
TYPE 2-A



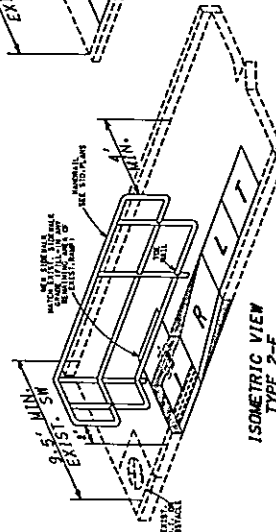
TYPE 2-B



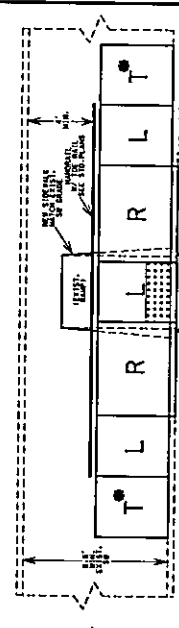
TYPE 2-C



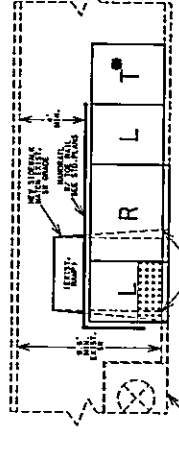
TYPE 2-F



TYPE 2-E



TYPE 2
 PARALLEL
 CURB RAMPS
 TYPICAL SECTION
 SHEET 11 OF 15



TYPE 2-E
 USE ONLY WHEN TYPE 2-F IS UNABLE TO BE CONSTRUCTED DUE TO AN
 OBSTACLE OR OTHER FIELD CONDITION
 SEE STANDARDS FOR FURTHER NOTES

PARALLEL - TYPE 2

TYPE 2-A

REMARKS	8	12	16
LENGTH (LF)	4	5	6
WIDTH (LF)	4	5	6
TRUNCATED DOMES SF	16.0	18.0	20.0
CURB RAMP SF	16.0	18.0	20.0
CONC. SIDEWALK SF	8.0	8.0	8.0
TYPE 1 AGGREGATE SF	16.7	17.0	17.3
ADA LINEAR GRADUALLY SF	3.0	3.0	3.0
SODDING SF	3.0	3.0	3.0

TYPE 2-B

REMARKS	8	12	16
LENGTH (LF)	4	5	6
WIDTH (LF)	4	5	6
TRUNCATED DOMES SF	16.0	18.0	20.0
CURB RAMP SF	16.0	18.0	20.0
CONC. SIDEWALK SF	8.0	8.0	8.0
TYPE 1 AGGREGATE SF	16.7	17.0	17.3
ADA LINEAR GRADUALLY SF	3.0	3.0	3.0
SODDING SF	3.0	3.0	3.0

TYPE 2-C

REMARKS	8	12	16
LENGTH (LF)	4	5	6
WIDTH (LF)	4	5	6
TRUNCATED DOMES SF	16.0	18.0	20.0
CURB RAMP SF	16.0	18.0	20.0
CONC. SIDEWALK SF	8.0	8.0	8.0
TYPE 1 AGGREGATE SF	16.7	17.0	17.3
ADA LINEAR GRADUALLY SF	3.0	3.0	3.0
SODDING SF	3.0	3.0	3.0

TYPE 2-D

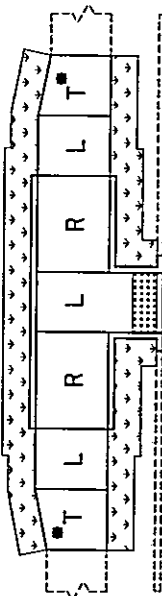
REMARKS	8	12	16
LENGTH (LF)	4	5	6
WIDTH (LF)	4	5	6
TRUNCATED DOMES SF	16.0	18.0	20.0
CURB RAMP SF	16.0	18.0	20.0
CONC. SIDEWALK SF	8.0	8.0	8.0
TYPE 1 AGGREGATE SF	16.7	17.0	17.3
ADA LINEAR GRADUALLY SF	3.0	3.0	3.0
SODDING SF	3.0	3.0	3.0

TYPE 2-E

REMARKS	8	12	16
LENGTH (LF)	4	5	6
WIDTH (LF)	4	5	6
TRUNCATED DOMES SF	16.0	18.0	20.0
CURB RAMP SF	16.0	18.0	20.0
CONC. SIDEWALK SF	8.0	8.0	8.0
TYPE 1 AGGREGATE SF	16.7	17.0	17.3
ADA LINEAR GRADUALLY SF	3.0	3.0	3.0
SODDING SF	3.0	3.0	3.0

TYPE 2-F

REMARKS	8	12	16
LENGTH (LF)	4	5	6
WIDTH (LF)	4	5	6
TRUNCATED DOMES SF	16.0	18.0	20.0
CURB RAMP SF	16.0	18.0	20.0
CONC. SIDEWALK SF	8.0	8.0	8.0
TYPE 1 AGGREGATE SF	16.7	17.0	17.3
ADA LINEAR GRADUALLY SF	3.0	3.0	3.0
SODDING SF	3.0	3.0	3.0



TYPE 2-D

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

MDOT
 MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 105 WEST CAPITOL
 JEFFERSON CITY, MO 65116
 1-888-ASK-MDOT (1-888-275-4638)
 20166 OR 21210

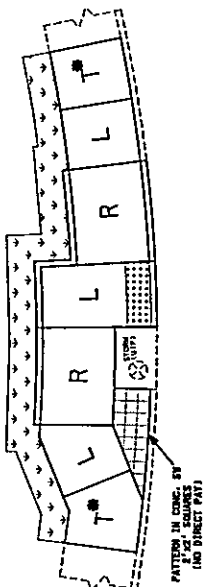
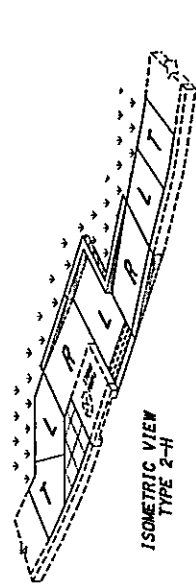
DATE		DESCRIPTION	

REVISED 04-15-2011

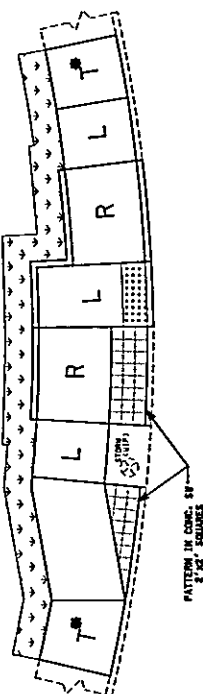
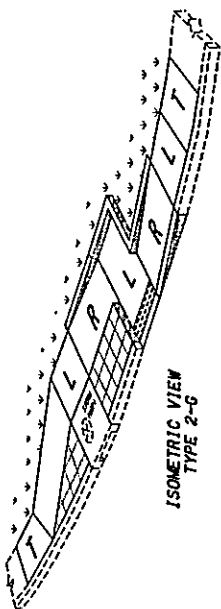
T - TRANSITION TO EXISTING SW
 L - LANDING
 R - RAMP
 S - 500 SLOPE 611 MIN.
 TRUNCATED DOME LOCATION IF DIST. IS 2'6" OR 3'
 TRUNCATED DOMES ARE USED ONLY AT STREETS & ENTRANCES UTILIZING FIELD / STOP SIGNS OR SIGNALS
 - CURB RAMP PAY LIMITS
 - INCLUDED IN 4" CONC. SIDEWALK PAY LIMIT

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

T IS STILL NEEDED EVEN IF THE WIDTH AS SHOWN ON THE DRAWING WILL BLEND THE EXISTING SLOPE INTO THE NEW LANDING SLOPE!



TYPE 2-H



TYPE 2-G

PARALLEL - TYPE 2 (CONT'D.)

TYPE 2-G	12	16
LENGTH (LF)	4	6
TRANSITION	6	6
LANDING	6	6
RAMP	6	6
TRUNCATED DOME	6	6
SIDEWALK	6	6
CURB RAMP	6	6
CURB	6	6
TRUNCATED DOME	6	6
CONC. SIDEWALK	6	6
TRUNCATED DOME	6	6
CONC. SIDEWALK	6	6
CURB RAMP	6	6
CURB	6	6
TRUNCATED DOME	6	6
CONC. SIDEWALK	6	6
TRUNCATED DOME	6	6
CONC. SIDEWALK	6	6
CURB RAMP	6	6
CURB	6	6
TRUNCATED DOME	6	6
CONC. SIDEWALK	6	6
TRUNCATED DOME	6	6
CONC. SIDEWALK	6	6

TYPE 2-H	12	16
LENGTH (LF)	4	6
TRANSITION	6	6
LANDING	6	6
RAMP	6	6
TRUNCATED DOME	6	6
SIDEWALK	6	6
CURB RAMP	6	6
CURB	6	6
TRUNCATED DOME	6	6
CONC. SIDEWALK	6	6
TRUNCATED DOME	6	6
CONC. SIDEWALK	6	6
CURB RAMP	6	6
CURB	6	6
TRUNCATED DOME	6	6
CONC. SIDEWALK	6	6
TRUNCATED DOME	6	6
CONC. SIDEWALK	6	6
CURB RAMP	6	6
CURB	6	6
TRUNCATED DOME	6	6
CONC. SIDEWALK	6	6
TRUNCATED DOME	6	6
CONC. SIDEWALK	6	6

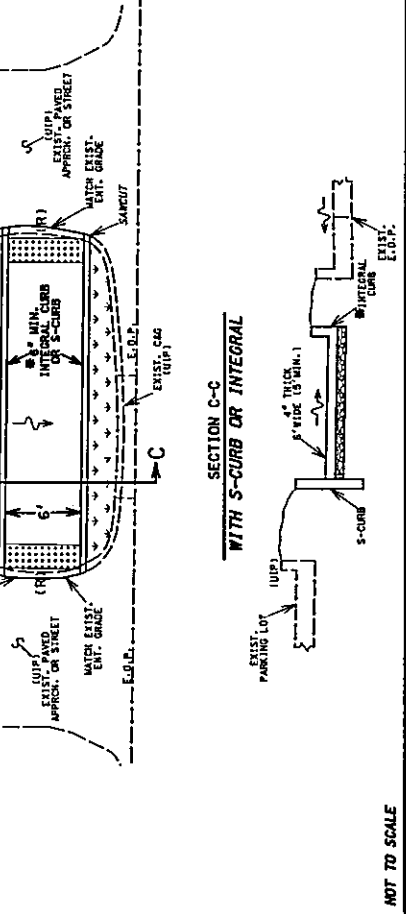
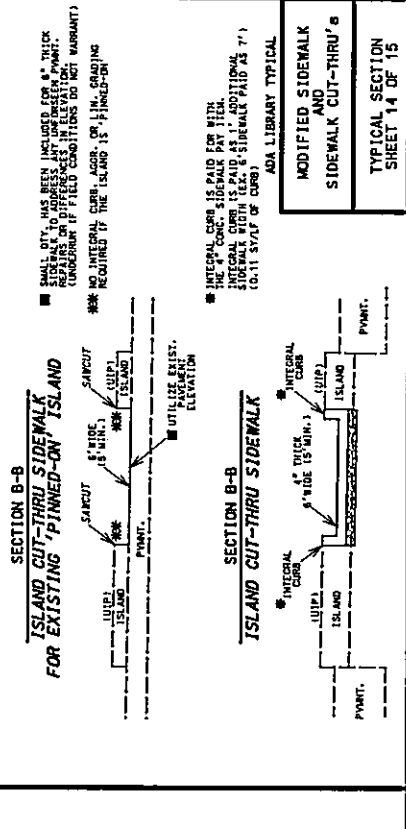
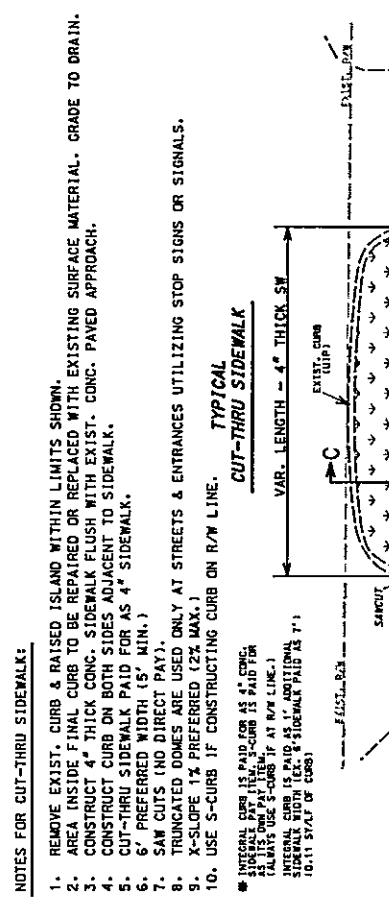
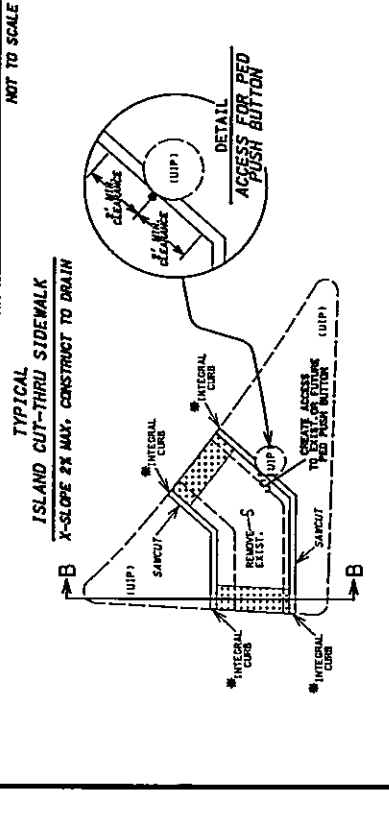
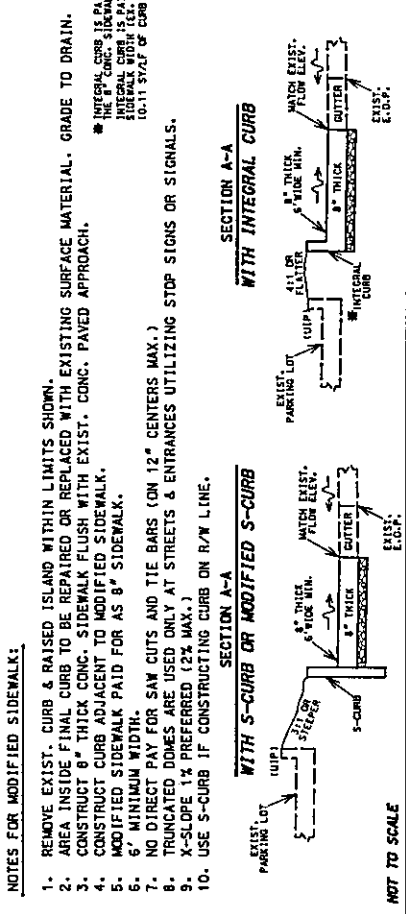
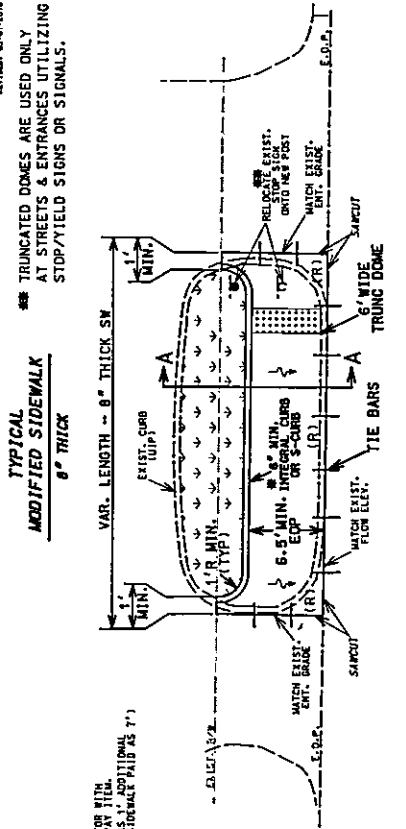
DATE PREPARED	11/7/2022
BY	MD
DRAWN	MD
CHECKED	SW
SCALE	2
PROJECT NO.	CHRISTIAN
CONTRACT NO.	J852138
PROJECT NO.	
BLIND NO.	

DESCRIPTION	DATE
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION	
105 WEST CAPITOL	
JEFFERSON CITY, MO 65102	
1-888-ASE-ROAD (1-888-4277-6283)	

PROJECT NO.	
CONTRACT NO.	
PROJECT NO.	
BLIND NO.	



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



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

- 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.

NOT TO SCALE

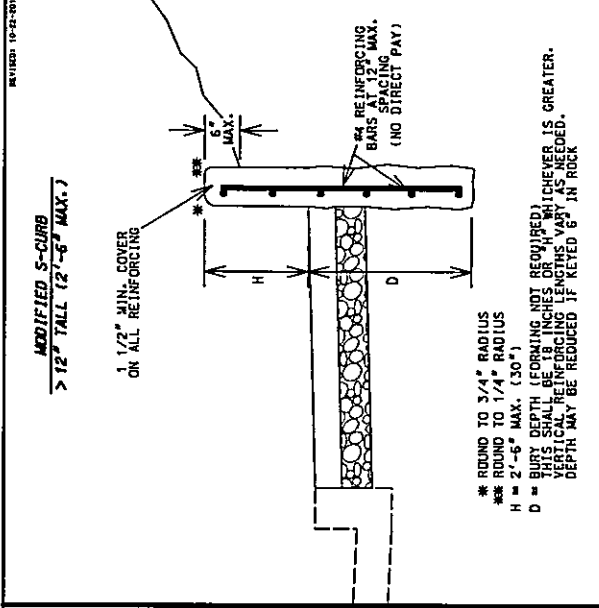
- NOTES FOR CUT-THRU SIDEWALK:
1. REMOVE EXIST. CURB & RAISED ISLAND WITHIN LIMITS SHOWN.
 2. AREA INSIDE FINAL CURB TO BE REPAIRED OR REPLACED WITH EXISTING SURFACE MATERIAL. GRADE TO DRAIN.
 3. CONSTRUCT 4" THICK CONC. SIDEWALK FLUSH WITH EXIST. CONC. PAVED APPROACH.
 4. CONSTRUCT CURB ON BOTH SIDES 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.

NOT TO SCALE

- NOTES FOR ISLAND CUT-THRU SIDEWALK FOR EXISTING PINNED-ON ISLAND:
- SMALL CITY: HAS BEEN INCLUDED FOR 8" THICK REPAIRS ON DIFFERENCES IN ELEVATION. UNDERBID IF FIELD CONDITIONS DO NOT WARRANT.
 - NO INTEGRAL CURB, ACCOR. OR L.I.M. GRADING REQUIRED TO THE ISLAND IS PINNED-ON.
 - INTEGRAL CURB IS PAID FOR WITH THE 4" CONC. SIDEWALK PAY ITEM.
 - INTEGRAL CURB IS PAID AS 1" ADDITIONAL SIDEWALK SIDEWALK PAID AS 7") (0-11 STAFF OF CURB)
 - INTEGRAL CURB IS PAID FOR WITH THE 4" CONC. SIDEWALK PAY ITEM.
 - INTEGRAL CURB IS PAID AS 1" ADDITIONAL SIDEWALK SIDEWALK PAID AS 7") (0-11 STAFF OF CURB)
 - ADA LIBRARY TYPICAL
 - MODIFIED SIDEWALK AND SIDEWALK CUT-THRU
 - TYPICAL SECTION SHEET 14 OF 15

MISSISSIPPI HIGHWAYS AND TRANSPORTATION COMMISSION
 MDOT
 105 WEST CAPITOL
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592

PROJECT NO. _____
 CONTRACT NO. _____
 SHEET NO. _____
 DATE _____
 DATE REVISED: 10-21-2018

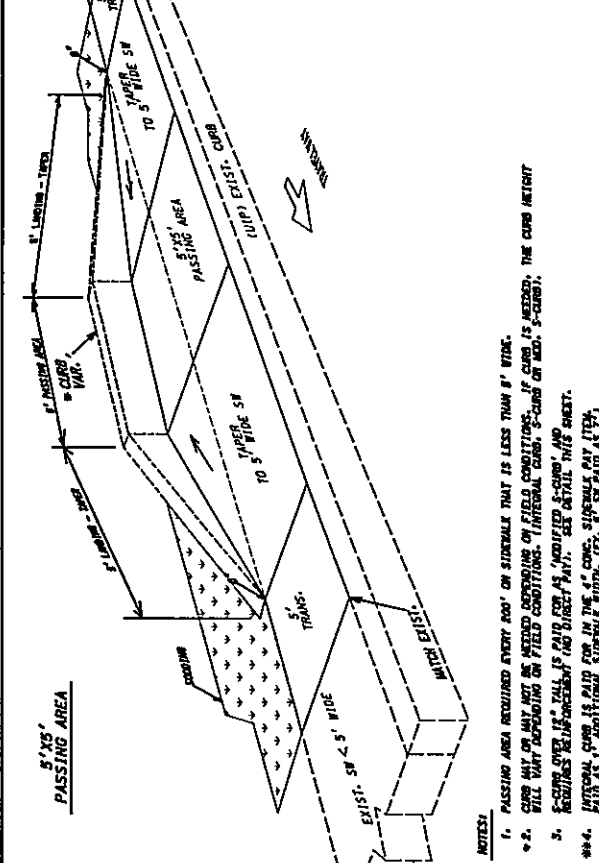


QUANTITIES FOR PASSING AREAS

ITEM	EXISTING SW WIDTH	4' AREA	5' AREA
1" CONC. SIDEWALK (TAPER)	4'	1.5	0.7
1" CONC. SIDEWALK	5'	1.5	0.7
1" CONC. SIDEWALK	5'	10.4	11.7
INTEGRATED CURB	4'	17.7	17.7
INTEGRATED CURB	5'	37.0	37.0
S-CURB	5'	17.2	16.9
S-CURB	6'	17.2	16.9
LIKEAR GRADING	4'	31.0	31.0
LIKEAR GRADING	5'	31.0	31.0

EXIST. WIDTHS 4.5

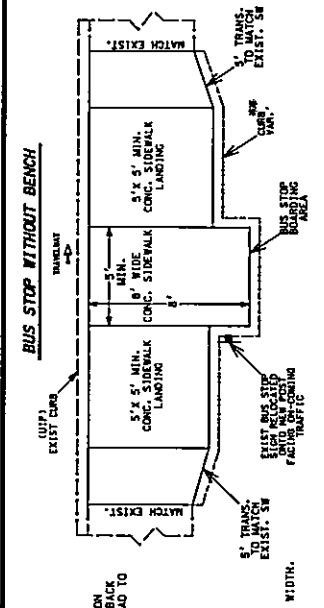
4" CONC. SIDEWALK (TAPER AREA)
4" CONC. SIDEWALK AREA



NOTES:

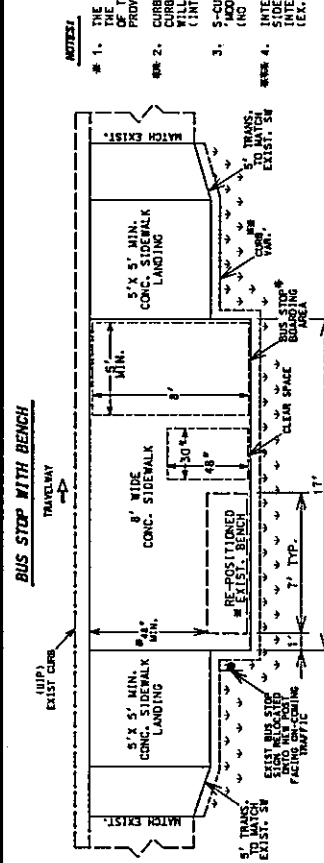
- PASSING AREA REQUIRED EVERY 100' ON SIDEWALK THAT IS LESS THAN 8' WIDE.
- CURB MAY OR MAY NOT BE NEEDED DEPENDING ON FIELD CONDITIONS. IF CURB IS REQUIRED, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRATED CURB, S-CURB OR MOD. S-CURB).
- S-CURB OVER 12" TALL IS PAID FOR AS "MODIFIED S-CURB" AND REQUIRES REINFORCEMENT AND DIRECT PAY. SEE DETAIL THIS SHEET.
- INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. (EX. 6" SW PAID AS 7") (0.11 SY/1' OF CURB)

MISSISSIPPI HIGHWAYS AND TRANSPORTATION COMMISSION
 MDOT
 105 WEST CAPITOL
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592



QUANTITIES FOR BUS STOPS - NO BENCH

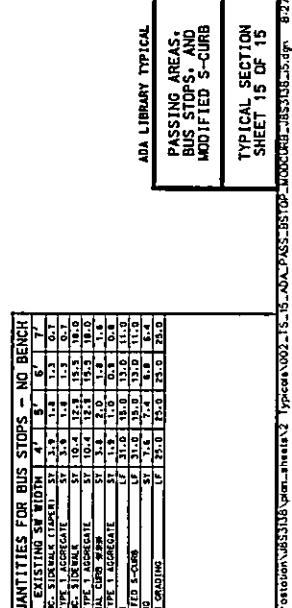
EXISTING SW WIDTH	4'	5'	6'	7'
1" CONC. SIDEWALK (TAPER)	3.1	3.8	4.4	5.1
1" CONC. SIDEWALK	3.1	3.8	4.4	5.1
INTEGRATED CURB	31.0	31.0	31.0	31.0
MODIFIED S-CURB	17.7	17.7	17.7	17.7
LIKEAR GRADING	31.0	31.0	31.0	31.0



NOTES:

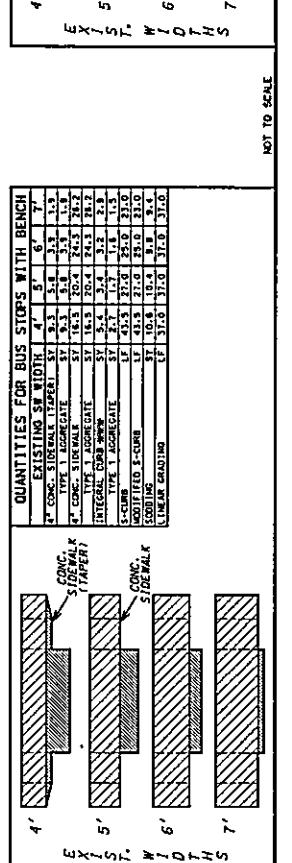
- THE RE-POSITIONED BENCH SHALL NOT BE PLACED ON THE 5' X 5' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH 4" FROM THE BACK EDGE OF THE CONC. PAD TO PROVIDE ADA-CLEARANCE.
- CURB USAGE DEPENDS ON FIELD CONDITIONS. IF CURB IS REQUIRED, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRATED CURB, S-CURB OR MOD. S-CURB).
- S-CURB OVER 12" TALL IS PAID FOR AS REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.
- INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. (EX. 6" SW PAID AS 7") (0.11 SY/1' OF CURB)

MISSISSIPPI HIGHWAYS AND TRANSPORTATION COMMISSION
 MDOT
 105 WEST CAPITOL
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592



QUANTITIES FOR BUS STOPS WITH BENCH

EXISTING SW WIDTH	4'	5'	6'	7'
1" CONC. SIDEWALK (TAPER)	3.1	3.8	4.4	5.1
1" CONC. SIDEWALK	3.1	3.8	4.4	5.1
INTEGRATED CURB	31.0	31.0	31.0	31.0
MODIFIED S-CURB	17.7	17.7	17.7	17.7
LIKEAR GRADING	31.0	31.0	31.0	31.0



NOTES:

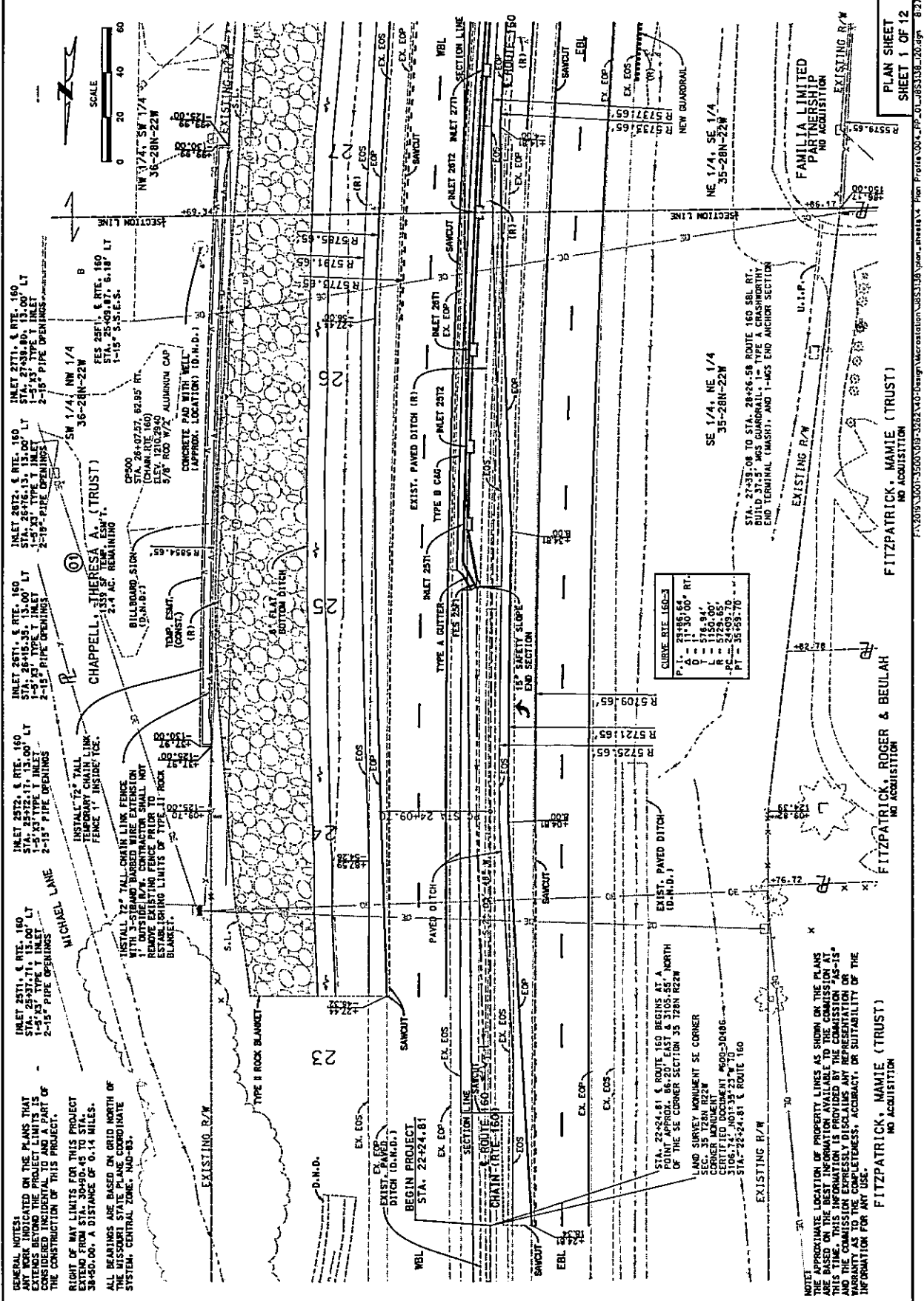
- THE RE-POSITIONED BENCH SHALL NOT BE PLACED ON THE 5' X 5' BUS STOP BOARDING AREA. PLACE THE BACK OF THE BENCH 4" FROM THE BACK EDGE OF THE CONC. PAD TO PROVIDE ADA-CLEARANCE.
- CURB USAGE DEPENDS ON FIELD CONDITIONS. IF CURB IS REQUIRED, THE CURB HEIGHT WILL VARY DEPENDING ON FIELD CONDITIONS. (INTEGRATED CURB, S-CURB OR MOD. S-CURB).
- S-CURB OVER 12" TALL IS PAID FOR AS REINFORCEMENT (NO DIRECT PAY). SEE DETAIL THIS SHEET.
- INTEGRAL CURB IS PAID FOR IN THE 4" CONC. SIDEWALK PAY ITEM. (EX. 6" SW PAID AS 7") (0.11 SY/1' OF CURB)

DATE: 11/7/2022
 DRAWN BY: MLO
 CHECKED BY: SW
 PROJECT NO.: J855138
 CONTRACT NO.: CHRISTIAN

PROJECT NO.: J855138
 CONTRACT NO.: CHRISTIAN
 DATE: 11/7/2022

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 MHDOT
 105 WEST CAPITOL
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592

11/7/2022
 8:27:38 AM
 10/17/2022



PLAN SHEET
 SHEET 1 OF 12

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 106 WEST CAPITOL
 SPRINGFIELD, MO 65806
 CERTIFICATE OF AUTHORITY NO. 001592

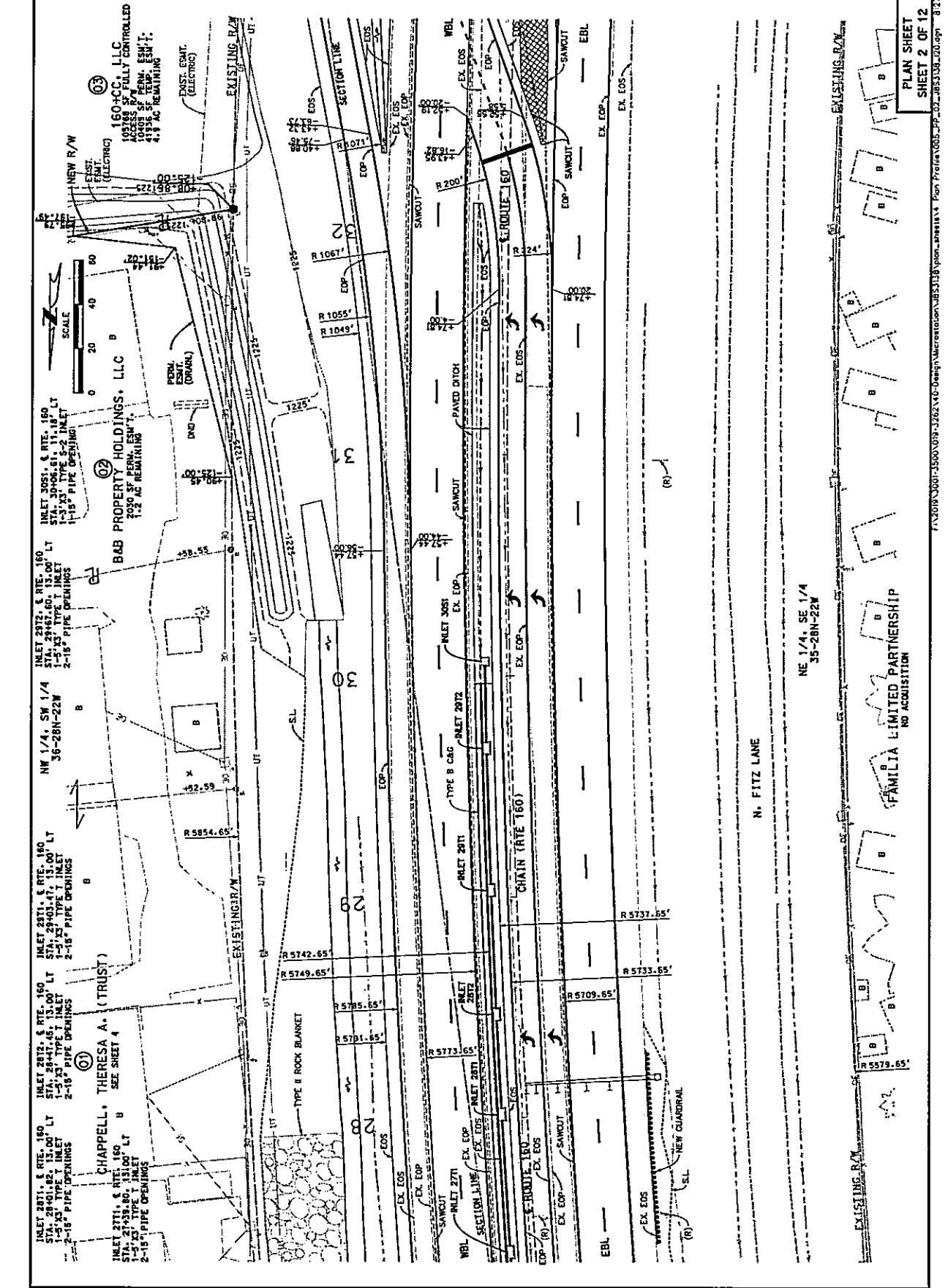


DATE _____
 DESCRIPTION _____

PROJECT NO.	JBS5138
CONTRACT NO.	
CONTRACT TITLE	
DESIGNER	CHRISTIAN
DATE	1/7/2022

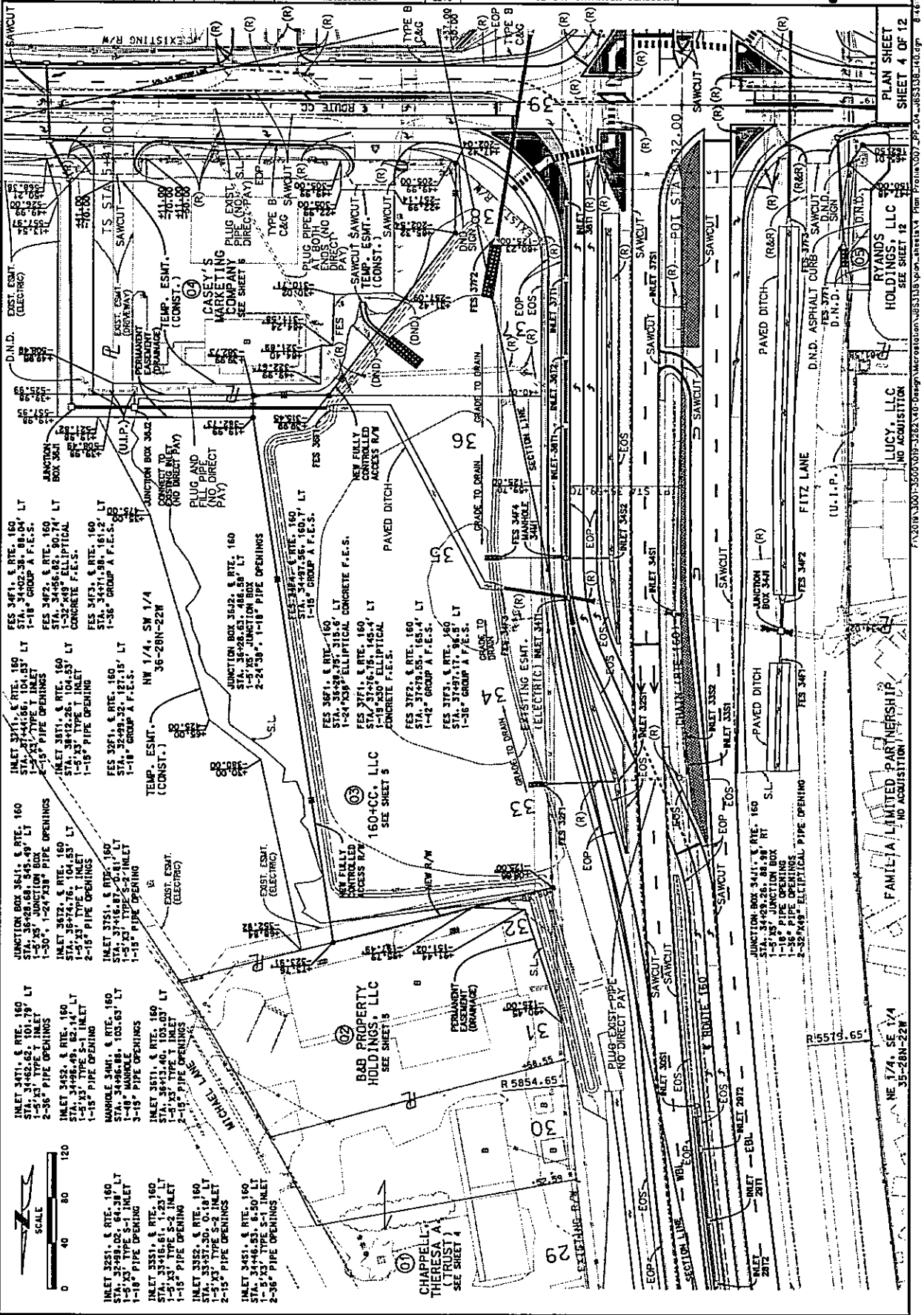
1/7/2022
 160 MO
 SW 2047
 CHRISTIAN
 JBS5138

PLAN SHEET
 SHEET 2 OF 12



DATE: 11/7/2022	PROJECT NO.: J853138	DESCRIPTION: MISSOURI HIGHWAYS AND TRANSPORTATION
SCALE: 1" = 40'	CONTRACT TO: CHRISTIAN	DATE: 11/7/2022
PROJECT: SW	CONTRACT NO.:	DATE: 11/7/2022
DATE: 11/7/2022	PROJECT: SW	DATE: 11/7/2022

Olsson
 550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 CERTIFICATE OF
 AUTHORITY NO. 001952



PLAN SHEET
 SHEET 4 OF 12

RYLANDS HOLDINGS, LLC
 SEE SHEET 12

LUCY, LLC
 NO ACQUISITION

FAMILIA LIMITED PARTNERSHIP
 NO ACQUISITION

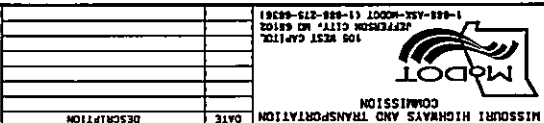
NE 1/4, SE 1/4
 35-28N-22W

1-888-524-4620 | 1-888-673-8633
 105 WEST CAPITOL
 SPRINGFIELD, MO 65802
 MISSOURI HIGHWAYS AND TRANSPORTATION
 J853138

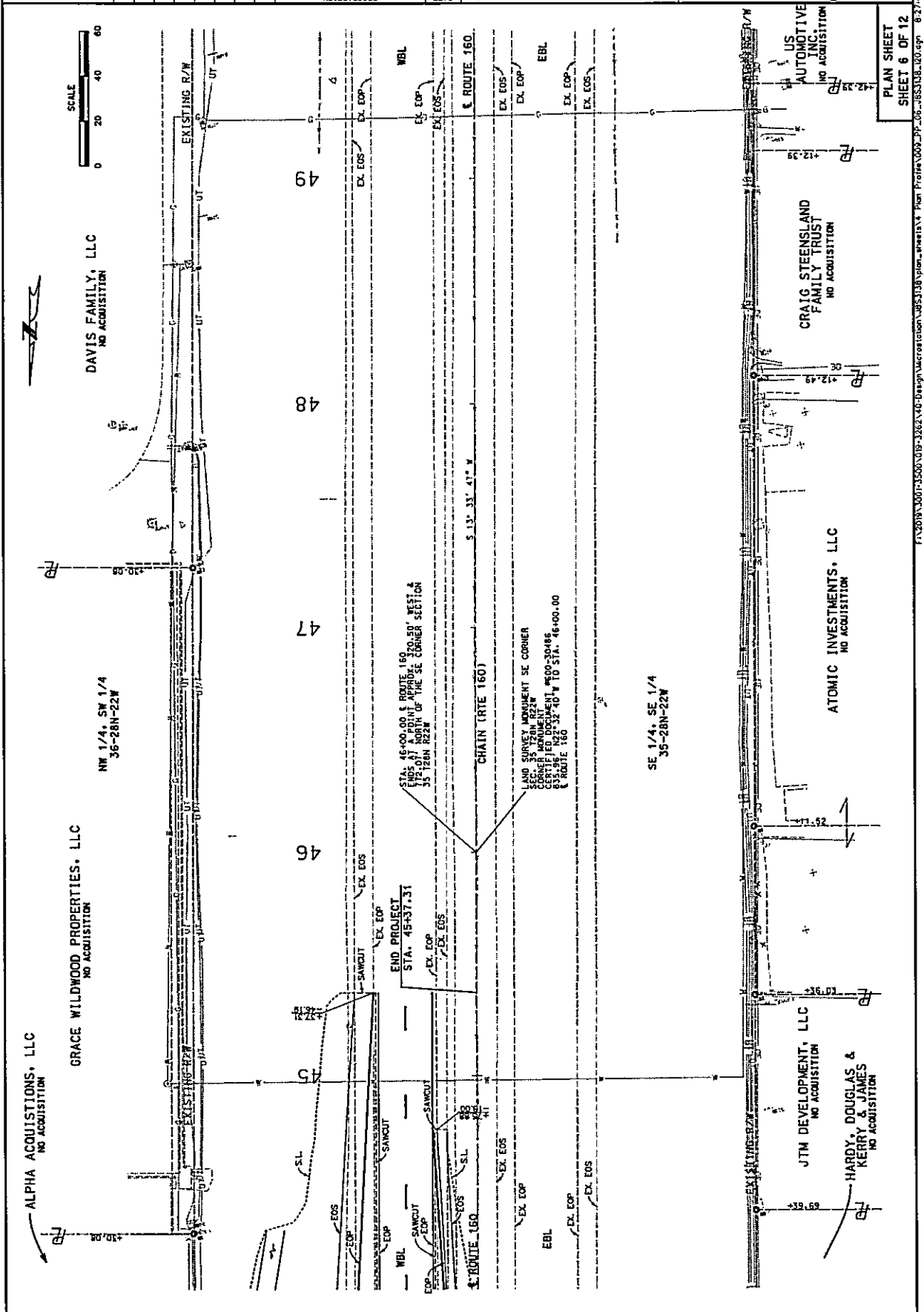
DATE PREPARED: 11/7/2022
 DATE: 160 MO
 COUNTY: SW
 PROJECT NO.: J852138
 CONTRACT ID: CHRISTIAN

BRIDGE NO.:
 PROJECT NO.:
 CONTRACT ID: J852138

DESCRIPTION:
 DATE:



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



PLAN SHEET
 SHEET 6 OF 12

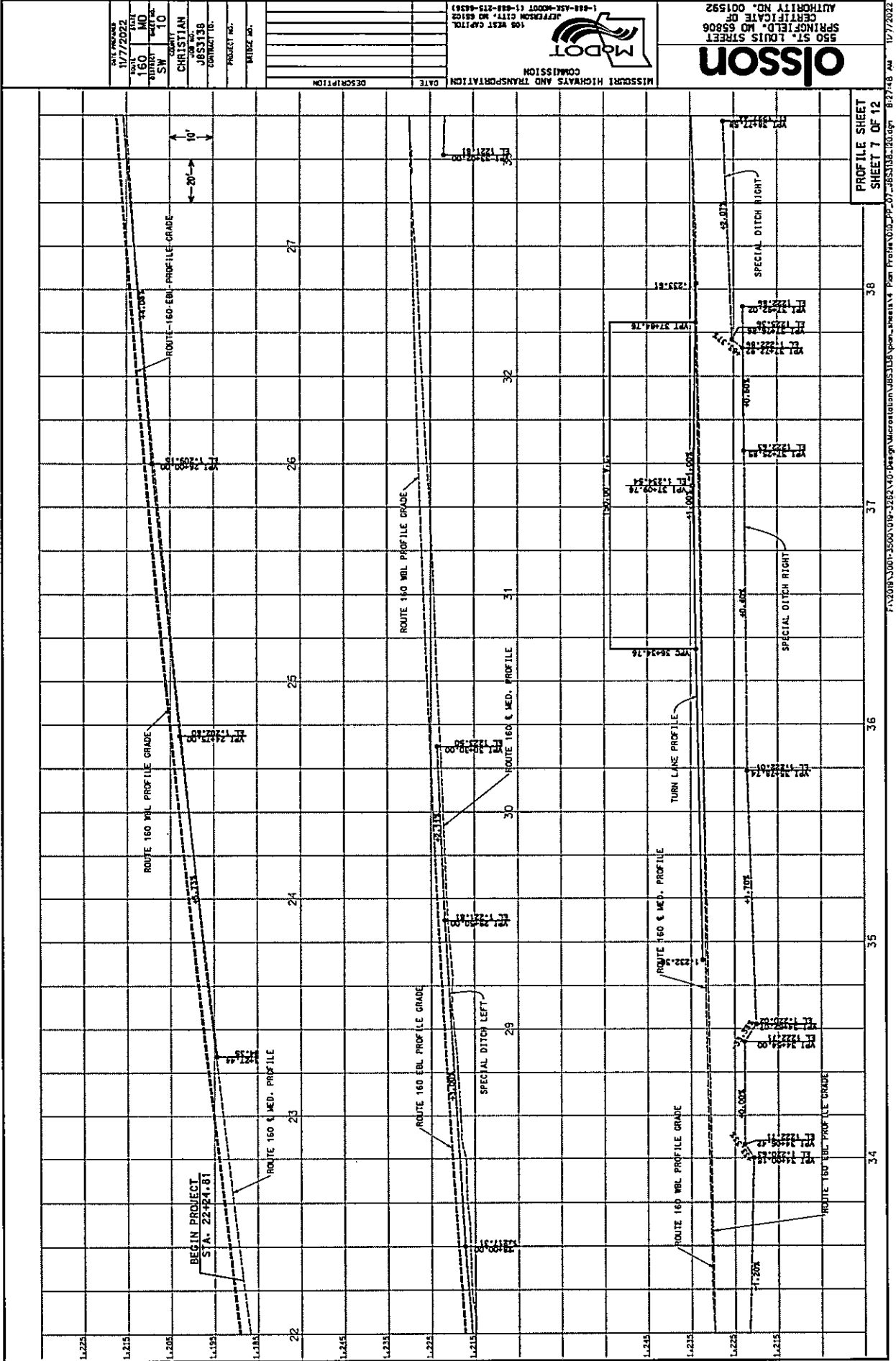
Ossion
 550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 AUTHORITY NO. 001592



MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION
 105 WEST CAPITAL
 JEFFERSON CITY, MO 65102
 (1-888-ASK-MDOT) (1-888-278-6536)

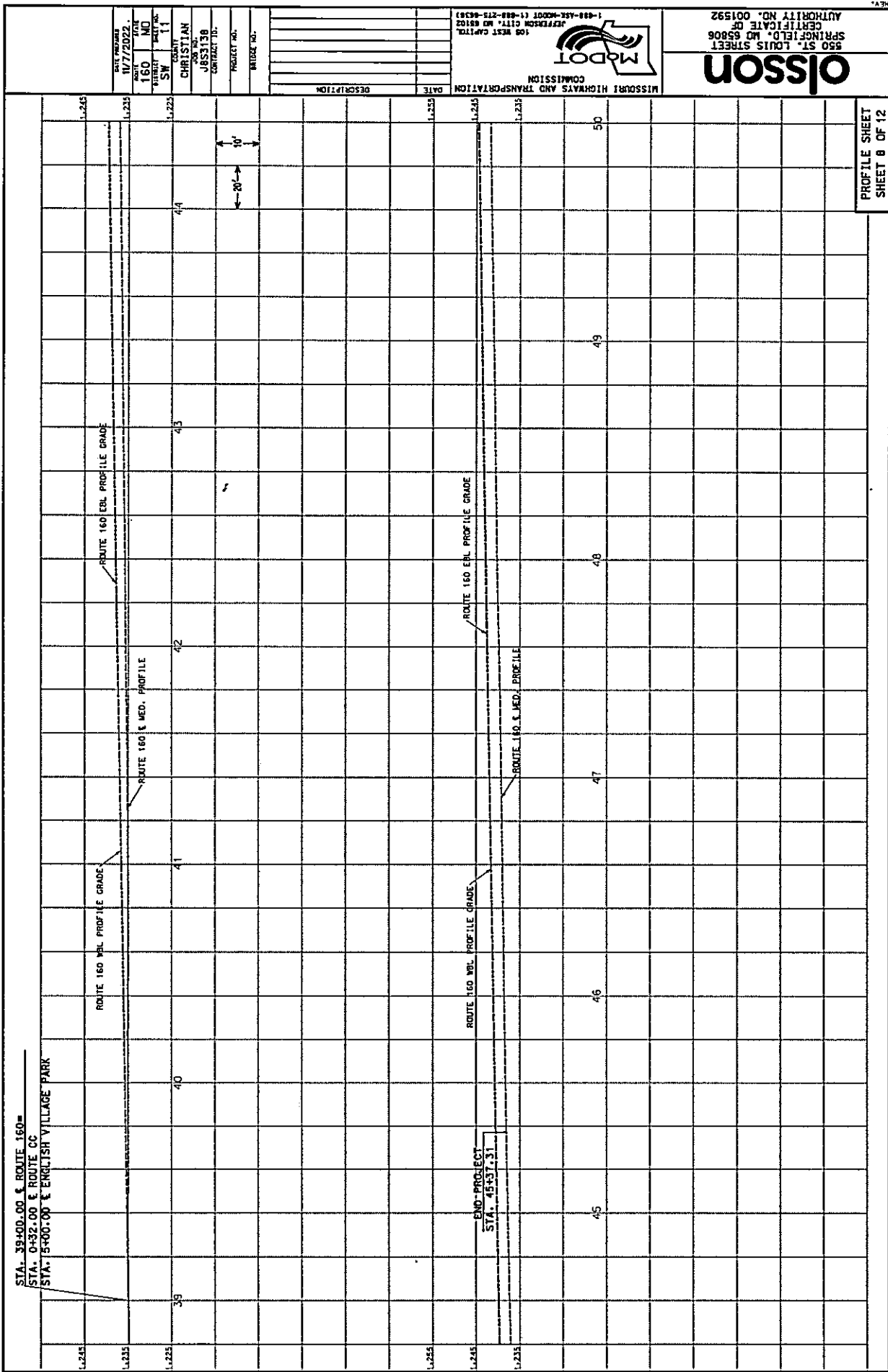
DATE	DESCRIPTION

DATE PLOTTED	11/17/2022
DATE	11/17/2022
STATE	MO
COUNTY	SW
DISTRICT	10
CONTRACTOR	CHRISTIAN
JOB NO.	J653138
CONTRACT ID	J653138
PROJECT NO.	
ROUTE NO.	



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

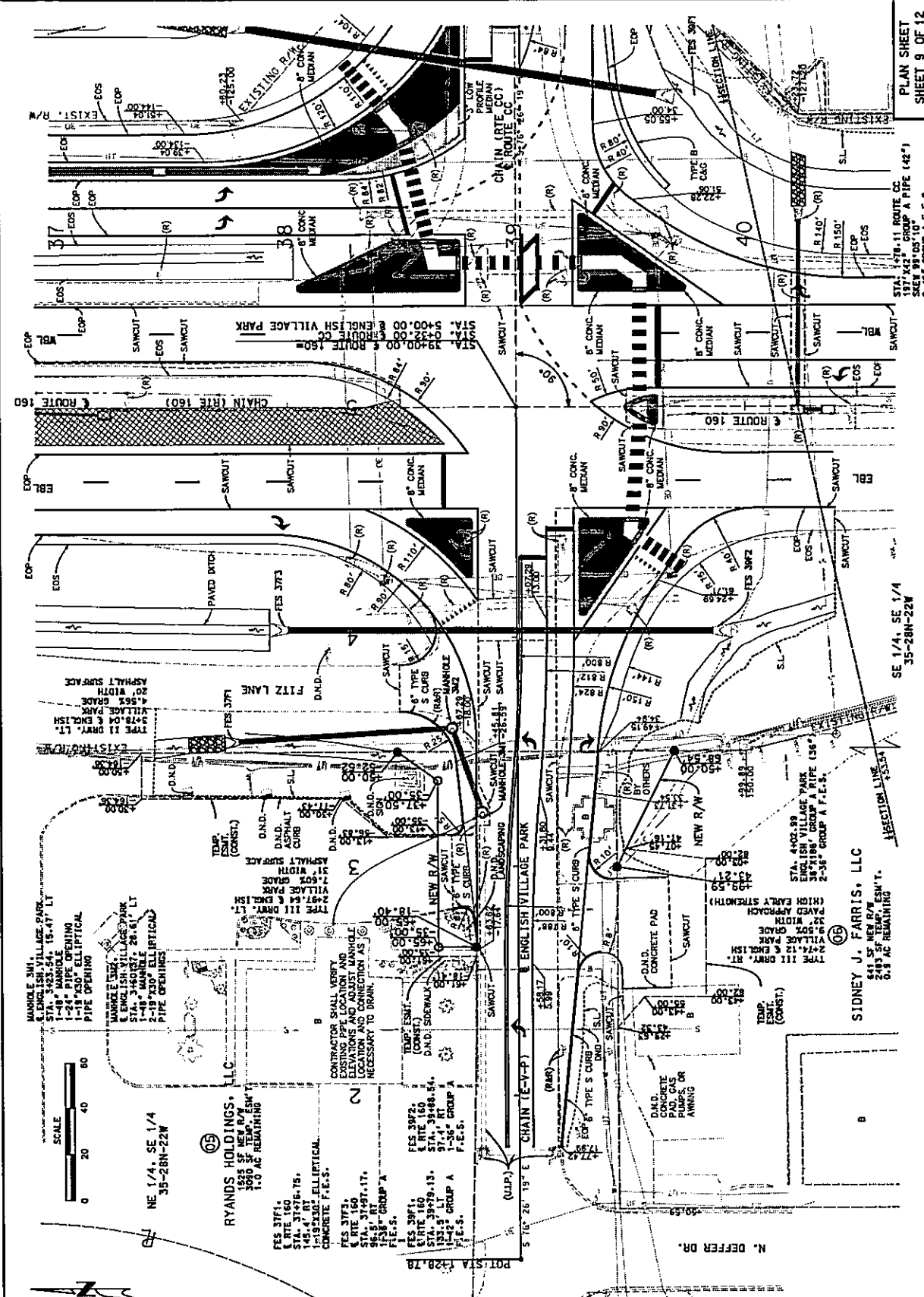
Ossison
 550 ST. LOUIS STREET
 SPRINGFIELD, MO 65806
 CERTIFICATE OF
 AUTHORITY NO. 001592



MISSOURI HIGHWAYS AND TRANSPORTATION
 COMMISSION
 108 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-452-MODOT (1-888-452-775-6333)

DATE PREPARED	BY	CHECKED	DATE
IV/7/2022	MO	MO	
PROJECT NO.	SW	SW	
DESIGNER	CHRISTIAN	CHRISTIAN	
DRAWN BY	JBS3138	JBS3138	
CONTRACT NO.			
PROJECT NO.			
BUDGET NO.			

DATE	ISSUED	BY	REVISION
11/7/2022		MND	REVISED
1/6/22		MND	REVISED
1/12/22		MND	REVISED
2/12/22		MND	REVISED
5/23/22		MND	REVISED
8/23/22		MND	REVISED



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

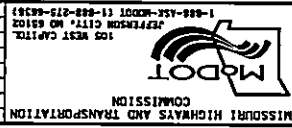
SIDNEY J. FARRIS, LLC
 648 SE NEW R/W
 0.9 AC REMAINING

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

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

**PLAN SHEET
 SHEET 9 OF 12**

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

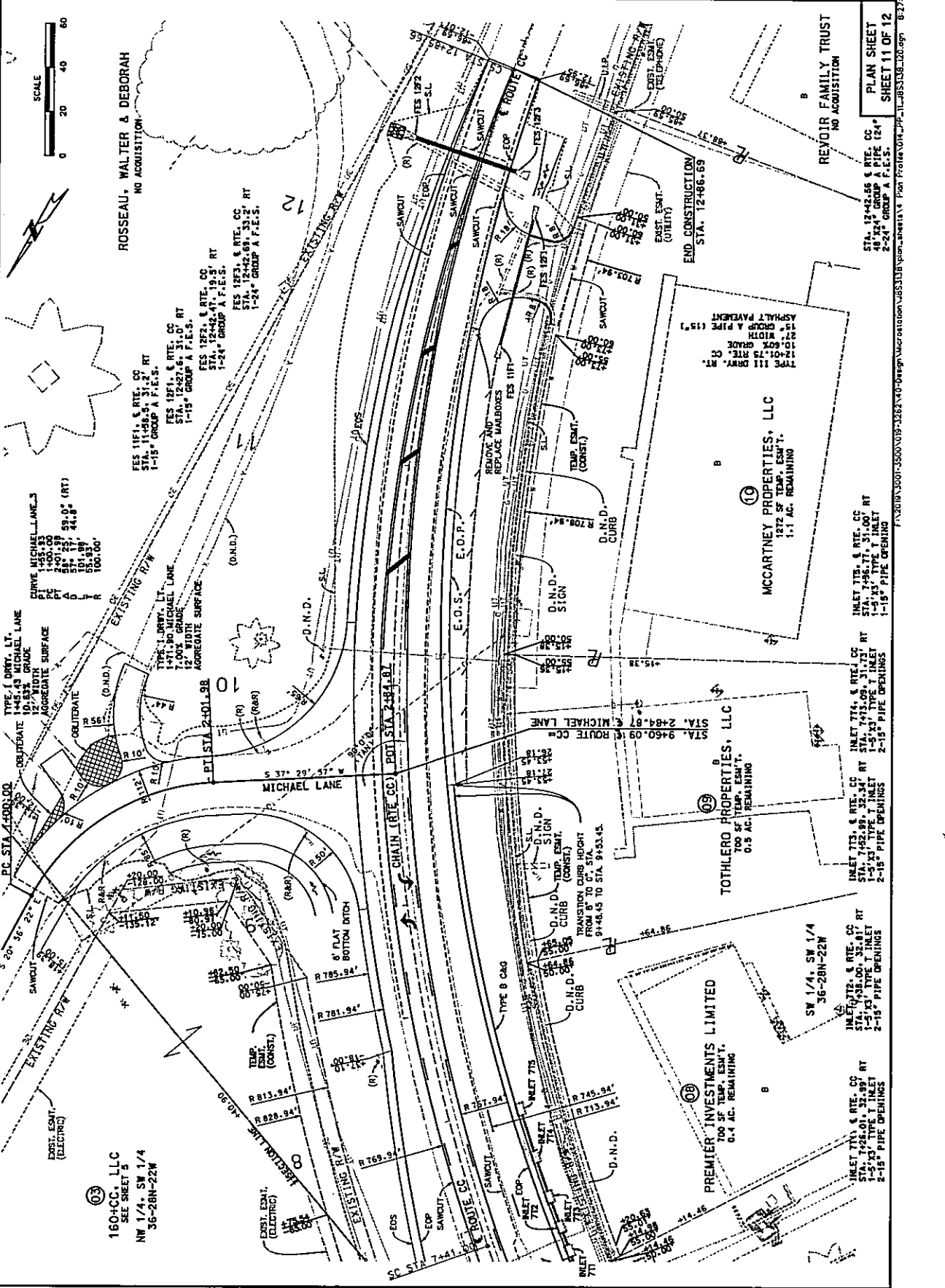


NO.	DESCRIPTION	DATE
108 WEST CAPITOL		
JEFFERSON CITY, MO 65101		
1-888-642-ADOT (11-888-613-6282)		

DATE	BY
10/17/2022	MD
160	MO

NO.	DESCRIPTION
1.4	SW
CHRISTIAN	CLIENT
J85313B	CONTRACT ID.
	PROJECT NO.
	WISDGE NO.

PLAN SHEET
SHEET 11 OF 12



160HCC, LLC
SEE SHEET 5
NW 1/4, SW 1/4
36-28N-22W

MCCARTNEY PROPERTIES, LLC
1.1 AC. REMAINING

TOTHLERO PROPERTIES, LLC
0.5 AC. REMAINING

PREMIER INVESTMENTS LIMITED
700 SF TEMP. ESM T.
0.4 AC. REMAINING

REVOIR FAMILY TRUST
NO ACQUISITION

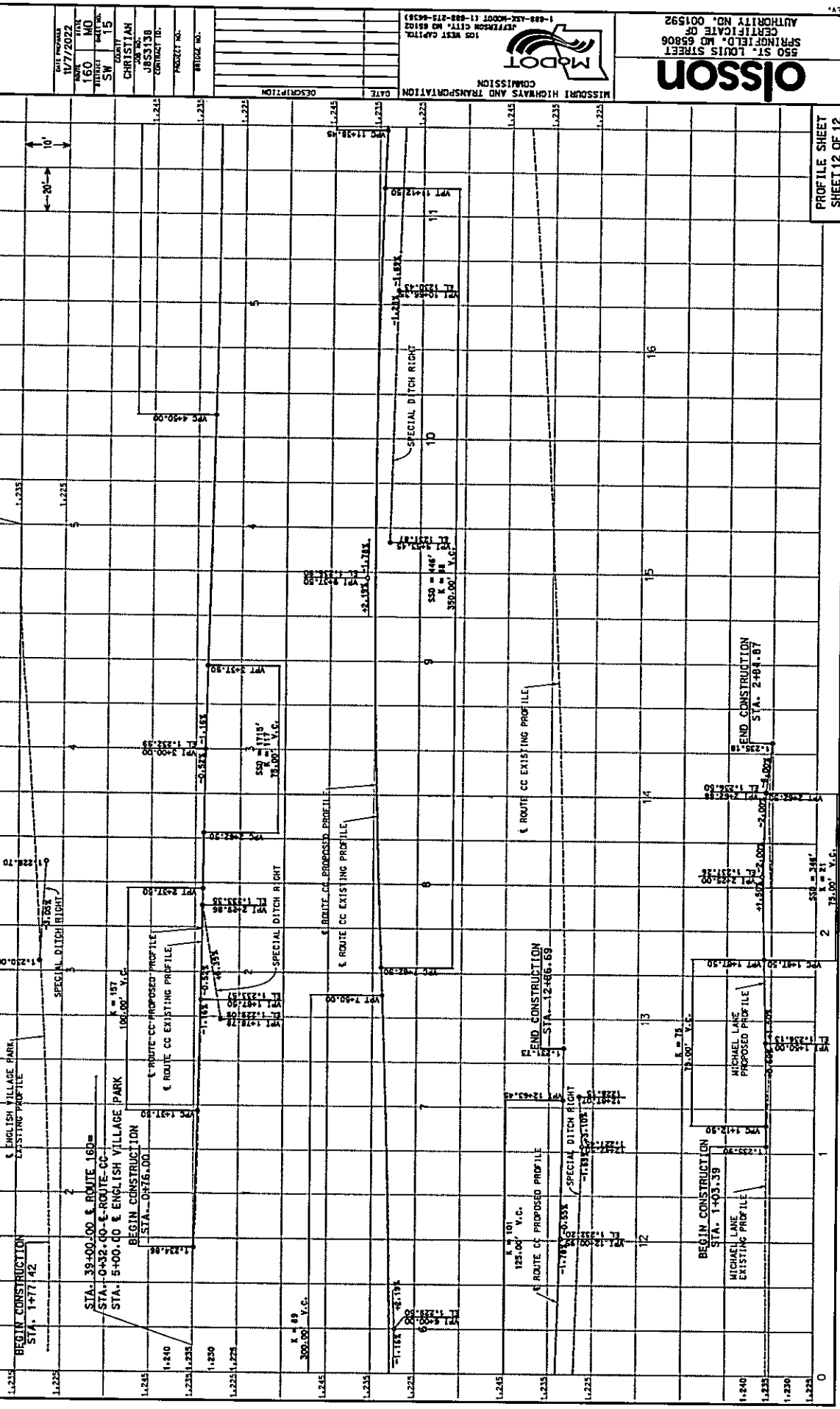
INLET 775, & RTE. CC
STA. 7+42.00, 32.81' RT
1-5\"/>

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

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

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

STA. 1+03.39
 STA. 1+03.39
 STA. 1+03.39



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



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
 108 WEST CAPITOL
 SPRINGFIELD, MO 65802
 1-888-452-MODOT (1-888-452-6637)

DATE	DESCRIPTION
10/7/2022	
160	MO
SW	15
CHRISTIAN	COUNTY
JESCA VEB	DESIGNER
	CONTRACT NO.
	PROJECT NO.
	BLK NO.

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 GNSS
 PROJECT PROJECTION FACTOR 1.0000593
 REFERENCE CONTROL INFORMATION
 COORDINATE SYSTEM MO STATE PLANE
 CONTROL STATION N/A
 DESIGNATION MDDOT SPRINGFIELD CORRS ARP
 CORRS ID MOSE
 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 1407792.366 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
ROUTE 160	49333.42	E160	-1671.3922	454830.1048	1408906.6560	1289.4700	MAG NAIL	CPI00
	23424.09	E160	3735.0104	457834.9179	1404011.3260	1198.3470	MAG NAIL	CPI01
	19344.24	E160	1924.7836	458239.3320	1405833.6940	1212.8660	* ROD W/2" ALUMINUM CAP	CPI02
	15464.49	E160	-2556.619	458465.1454	1410336.1450	1121.4030	* ROD W/2" ALUMINUM CAP	CPI03
	30848.28	E160	47.968	460246.0530	1407784.0220	1131.3190	MAG NAIL	CPI04
	19407.21	E160	47.3606	458198.7726	1407110.8730	1170.3480	MAG NAIL	CPI05
	40489.48	E160	47.89	456051.7094	1407413.2420	1236.3110	MAG NAIL	CPI06
	26497.57	E160	-62.9496	457492.8877	1407792.3680	1210.2940	* ROD W/2" ALUMINUM CAP	CPI07
	17493.42	E160	84.7359	458383.7885	1407680.1380	1159.4380	* ROD W/2" ALUMINUM CAP	CPI08
	315400.00	E160	460591.1226	1407844.4529			BEGIN CHAIN RTE 160	69
	319488.40	E160	460103.0392	1407826.8688			E.O. STA. 319488.40 BK = STA. 0+00.00 AH.	70
	24493.70	E160	407740.1116	1407740.9031			PC CURVE RTE 160-3	
	29466.64	LT	28.9738	4571694.9031	1407719.3388		PT CURVE RTE 160-3	
	35451.70	E160	465557.4875	1407584.0375			PT CURVE RTE 160-3	
	39449.23	E160	454234.5190	1407023.6373			END CHAIN RTE 160	71
ROUTE CC	0432.00	CC		458226.6793	1407504.2316		BEGIN CHAIN RTE CC	66
	5441.00	CC		451013.2534	1407999.0403		TS SPIRAL RTE CC-3	
	7441.00	CC		45222.0253	1408191.6875		SC SPIRAL RTE CC-3	
	10425.49	LT	51.201	455698.8310	1408486.2683		PT CURVE RTE CC-4	
	12485.66	CC		455574.9100	1408660.5147		CS SPIRAL RTE CC-5	
	14485.66	CC		455514.9100	1408660.5147		ST SPIRAL RTE CC-5	
	17485.70	CC		455234.1067	1408774.3881		END CHAIN RTE CC	67
ENGLISH VILLAGE PARK	1428.78	BEVP		456313.7252	1407143.3632		BEGIN CHAIN E+P+P	62
	5100.00	BEVP		458226.6793	1407504.2316		END CHAIN E+P+P	63
MICHAEL LANE	0+00	MICHAEL LN		456201.0247	1408410.3094		BEGIN CHAIN MICHAEL LANE	
	1+00.00	MICHAEL LN		456107.6288	1408446.0466		PC CURVE MICHAEL LANE-1	
	1+55.93	MICHAEL LN	LT	456005.3563	1408465.0336		PT CURVE MICHAEL LANE-1	
	2+07.98	MICHAEL LN		456011.0234	1408431.9930		PT CURVE MICHAEL LANE-1	
	2+84.87	MICHAEL LN		455945.2566	1408381.5401		END CHAIN MICHAEL LANE	

DATE	DESCRIPTION	DATE
10/7/2022		
160		
MO		
SW		
16		
CHRISTIAN		
JOSIAH		
CONTRACT NO.		
PROJECT NO.		
BLDG. NO.		

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

1-888-455-MODOT (1-888-455-6267)
 OFFICE: 417-733-4333
 FAX: 417-733-4333

100 WEST CAPITOL BLVD., SUITE 100
 SPRINGFIELD, MO 65806
 417-733-4333

COORDINATE POINT SHEET
 SHEET 1 OF 1