



CITY OF BELTON
520 Main Street
Belton, MO 64012
(816) 331-4331
Fax (816) 331-6973

ADDENDUM NO. 3
BELTON I-49 OUTER ROAD PROJECT NO. J4S3399 (STP-3356(408))
CONTRACT NO. 19-004/445-5317-495-7117
AUGUST 23, 2019

Bidders on the Belton I-49 Outer Road Project are hereby notified that the following addenda are made to the Project Contract Documents. Distribution of this addendum shall be through Drexel Technologies and acknowledged on page 00410-2 of the Belton Contract Guidebook. This addendum adds, changes, or clarifies the following:

Item 1: Addition

Plan Sheets – Sheet 10

ADD

“to be done by others” to existing note “Reconstruct vault top to FG.”

Item 2: Notice

Bid Items

Any additional embankment needed from off site can be collected from the adjacent construction site, Southview Commerce Center, at no cost.

Item 3: Addition

Plan Sheets – Sheet 7

ADD

Chain Prop_160 table (shown with new plan sheet attached)

Item 4: Deletion and Addition

Plan Sheets – Sheet 12

Delete

Driveway Note at Station 28+26.13 LT.

ADD

Station hub information and radius information (shown with new plan sheet attached)

Item 5: Deletion and Addition

Bid Items

Delete

TON for bid item A1 Unit on the Unit Price List

ADD

SY for bid item A1 Unit on the Unit Price List

Item 6: Notice

Bid Items

FULL DEPTH STREET PATCH

- A. "Full Depth Street Patch" shall be measured by the square yard of acceptable street patch in place and shall include aggregate backfill, subgrade preparation, concrete base (KCMMB 4k), asphalt patch (Asphaltic Concrete Base (Type 1-01)), and all work necessary to return the street to a satisfactory condition per the technical specifications.
- B. Payment shall be made at the contract unit price as shown in the proposal for "Full Depth Street Patch." Payment shall be full compensation for furnishing all materials, labor, equipment, tools, supplies, mobilization, and incidental related items necessary to complete the full depth patch work.

HORIZONTAL & VERTICAL CONTROL IS BASED ON THE MODOT CONTINUOUSLY OPERATING GNSS NETWORK, MISSOURI COORDINATE SYSTEM 1983, WEST ZONE, METRO CONTROL POINT CA-05. METRO CONTROL POINT CA-05 DATUM: STATE PLANE BEARINGS, GRID DISTANCES, US SURVEY FEET

KANSAS CITY METRO CONTROL INFORMATION:

CA-05:
DNR ALUMINUM GR5 DISK STAMPED "CA-05, 1996", SET IN CONCRETE, FLUSH WITH THE GROUND
N: 295206.334 (M) N: 968522.780 (FT)
E: 847964.130 (M) E: 2782028.980 (FT)
ELEV.: 1,088.91' (NAVD'88)

OLSSON CONTROL POINTS:

OA CPT #40002:

FOUND 2" MODOT ALUMINUM MONUMENT FOR HIGHWAY RIGHT-OF-WAY, OLD OLSSON CONTROL NO. 33, 49' ± SOUTHWESTERLY OF THE ¢ OF EAST OUTER BELT ROAD, 100' ± NORTHEASTERLY OF THE ¢ OF THE INTERSECTION OF INTERSTATE NO. 49/US 71 HIGHWAY.
N: 971493.724
E: 2780967.472
ELEV = 1077.84' (NAVD'88)

REFERENCE TIES:
1. 52.58' NORTH-NORTHEAST TO THE NORTHWESTERLY END OF A METAL GUARDRAIL.
2. 104.56' EAST-SOUTHEAST TO THE CENTER OF A SINGLE POLE TRANSMISSION POWER POLE.
3. 42.93' SOUTHWEST TO THE CENTER OF A FIBER OPTIC VAULT.

OA CPT #40010:

SET 1/2" REBAR W/ OLSSON CONTROL CAP, 38' ± SOUTHWEST OF THE ¢ OF EAST OUTER BELT ROAD, 89' SOUTH OF THE ¢ OF 162ND STREET.
N: 970024.059
E: 2781458.704
ELEV. = 1080.89' (NAVD'88)

REFERENCE TIES:
1. 92.20' NORTHWEST TO A FOUND 3/8" REBAR, OLSSON CONTROL POINT NO. 107.
2. 67.25' NORTH-NORTHWEST TO THE CENTER OF A POWER POLE.
3. 13.90' NORTH-NORTHWEST TO THE SOUTHWEST CORNER OF A CHAIN LINK HIGHWAY RIGHT-OF-WAY FENCE.
4. 27.40' NORTHEAST TO THE WEST EDGE OF ASPHALT OF THE EAST OUTER BELT ROAD.

OA CPT #40011:

FOUND 3/8" REBAR, OLD OLSSON CONTROL NO. 107, 104' ± NORTHWEST OF THE ¢ OF EAST OUTER BELT ROAD, 24' SOUTH OF THE ¢ OF 162ND STREET TO THE EAST.
N: 970100.541
E: 2781406.975
ELEV. = 1083.42' (NAVD'88)

REFERENCE TIES:
1. 41.63' NORTH TO THE CENTER OF A POWER POLE.
2. 116.50' NORTHEAST TO THE CENTER OF A POWER POLE.
3. 25.46' SOUTHEAST TO THE CENTER OF A SINGLE POLE TRANSMISSION POWER POLE.
4. 103.2' ± SOUTHEAST TO THE ¢ OF THE EAST OUTER BELT ROAD.

OA CPT #40012:

SET 1/2" REBAR W/ OLSSON CONTROL CAP, 38' ± SOUTHWEST OF THE ¢ OF EAST OUTER BELT ROAD, 1,300' SOUTH OF THE ¢ OF 162ND STREET.
N: 969415.578
E: 2781698.847
ELEV. = 1074.60' (NAVD'88)

REFERENCE TIES:
1. 92.80' NORTHEAST TO THE CENTER OF A POWER POLE.
2. 25.20' NORTHEAST TO THE WEST EDGE OF ASPHALT OF THE EAST OUTER BELT ROAD.
3. 132.50' EAST-NORTHEAST TO THE NORTHWEST CORNER OF A BILLBOARD SIGN BASE.

OA CPT #40013:

SET 1/2" REBAR W/ OLSSON CONTROL CAP, 20' ± SOUTHWEST OF THE ¢ OF EAST OUTER BELT ROAD, 1,270' NORTHWESTERLY OF THE ¢ OF THE INTERSECTION OF "Y" HIGHWAY/163RD STREET.
N: 968833.322
E: 2782152.703
ELEV. = 1083.61' (NAVD'88)

REFERENCE TIES:
1. 82.20' NORTH TO THE CENTER OF A POWER POLE.
2. 5.00' NORTHEAST TO THE WEST EDGE OF ASPHALT OF THE EAST OUTER BELT ROAD.
3. 187.50' EAST-NORTHEAST TO THE CENTER OF A FIRE HYDRANT.

OA CPT #40014:

SET 1/2" REBAR W/ OLSSON CONTROL CAP, 36' ± SOUTH OF THE ¢ OF EAST OUTER BELT ROAD, 570' NORTHWESTERLY OF THE ¢ OF THE INTERSECTION OF "Y" HIGHWAY/163RD STREET.
N: 968705.344
E: 2782632.861
ELEV = 1077.38' (NAVD'88)

REFERENCE TIES:
1. 97.40' NORTHWEST TO THE SOUTHERLY END OF A CONCRETE CURB ON THE NORTH SIDE OF THE EAST OUTER BELT ROAD.
2. 27.40' NORTH TO THE SOUTH EDGE OF ASPHALT OF THE EAST OUTER BELT ROAD.
3. 125.00' NORTHEAST TO THE SOUTHERLY END OF A CONCRETE CURB ON THE NORTH SIDE OF THE EAST OUTER BELT ROAD.

OA CPT #40015:

SET 1/2" REBAR W/ OLSSON CONTROL CAP, 60' ± SOUTHWESTERLY OF THE ¢ OF EAST OUTER BELT ROAD, 175' ± NORTHWESTERLY OF THE ¢ OF THE INTERSECTION OF "Y" HIGHWAY/163RD STREET.
N: 968560.519
E: 2783056.219
ELEV = 1063.78' (NAVD'88)

REFERENCE TIES:
1. 48.80' NORTHWEST TO THE CENTER OF A FOUND HIGHWAY RIGHT-OF-WAY MARKER POST.
2. 47.70' NORTHEAST TO THE SOUTHWESTERLY EDGE OF ASPHALT OF THE EAST OUTER BELT ROAD.
3. 121.0' ± SOUTHEAST TO THE NORTHWESTERLY BACK OF CONCRETE CURB OF "Y" HIGHWAY/163RD STREET.

OA CPT #102:

FOUND 3/8" REBAR, OLD OLSSON CONTROL NO. 102, 1,100' ± NORTH OF THE ¢ OF 162ND STREET, 450' NORTHEAST OF THE ¢ OF INTERSTATE NO. 49/US 71 HIGHWAY.
N: 971222.190
E: 2781414.070
ELEV = 1093.98' (NAVD'88)

REFERENCE TIES:
1. 14.72' EAST TO THE CENTER LINE OF AN GRAVEL DRIVE TO THE OLD MAINTENANCE SHED FOR THE OLD SOUTHVIEW GOLF COURSE.
2. 38.61' SOUTHWEST TO THE NORTHEAST CORNER OF AN OLD MAINTENANCE SHED FOR THE OLD SOUTHVIEW GOLF COURSE.
3. 33.58' NORTHWEST TO THE SOUTHEAST CORNER OF A CHAIN LINK FENCE.

OA CPT #103:

FOUND 3/8" REBAR, OLD OLSSON CONTROL NO. 103, 20' ± WEST OF THE ¢ OF THE EAST OUTER BELT ROAD, 170' ± EAST OF THE ¢ OF INTERSTATE NO. 49/US 71 HIGHWAY, 110' ± SOUTH OF THE ¢ OF HILL STREET.
N: 973355.560
E: 2780463.500
ELEV = 1049.34' (NAVD'88)

REFERENCE TIES:
1. 66.49' EAST-NORTHEAST TO THE CENTER OF A SINGLE POLE TRANSMISSION POWER POLE.
2. 7.36' EAST TO THE WEST EDGE OF A SPHALT OF THE EAST OUTER BELT ROAD.
3. 123.28' SOUTH TO THE CENTER OF A FIBER OPTIC VAULT.

KCMO METRO CONTROL POINT #1A-123:(NAVD'88)

ELEV. = 1,088.91'
FOUND 2" BERNSTEIN ALUMINUM MONUMENT SET IN CONCRETE, 24.5' NORTHEAST OF THE ¢ OF QUICKTRIP WAY, 860' ± NORTHWEST OF THE ¢ OF "Y" HIGHWAY/163RD STREET, 170' ± SOUTHWEST OF THE ¢ OF INTERSTATE HIGHWAY NO. 49/U.S. 71 HIGHWAY.

OLSSON BM#1:(NAVD'88)

ELEV. = 1,077.79'
SET CHILSELED "D" CUT ON THE CENTER OF A CONCRETE HEADWALL, 240' ± SOUTH OF THE ¢ OF 162ND STREET, 110' ± NORTHEASTERLY OF THE ¢ OF THE EAST OUTER ROAD, 260' ± NORTHEASTERLY OF THE ¢ OF INTERSTATE HIGHWAY NO. 49/U.S. 71 HIGHWAY.

OLSSON BM#2:(NAVD'88)

ELEV. = 1,080.54'
FOUND TOP BONNETT BOLT OF FIRE HYDRANT, 36' ± SOUTH OF THE ¢ OF 162ND STREET, 110' ± NORTHEASTERLY OF THE ¢ OF THE EAST OUTER ROAD, 250' ± NORTHEASTERLY OF THE ¢ OF INTERSTATE HIGHWAY NO. 49/U.S. 71 HIGHWAY.

OLSSON BM#3:(NAVD'88)

ELEV. = 1,093.73'
FOUND RAILROAD SPIKE IN SINGLE POLE TRANSMISSION POWER POLE, 430' ± NORTHWESTERLY OF THE ¢ OF 162ND STREET, 100' ± NORTHEASTERLY OF THE ¢ OF INTERSTATE HIGHWAY NO. 49/U.S. 71 HIGHWAY.

OLSSON BM#4:(NAVD'88)

ELEV. = 1,097.62'
FOUND RAILROAD SPIKE IN EAST SIDE OF POWER POLE, 1ST SINGLE-POLE TRANSMISSION POWER POLE SOUTH OF BEND TO NE IN TRANSMISSION LINE, 900' ± NORTH OF THE ¢ OF 162ND STREET, 108' ± NORTHEASTERLY OF THE ¢ OF INTERSTATE HIGHWAY NO. 49/U.S. 71 HIGHWAY.

OLSSON BM#5:(NAVD'88)

ELEV. = 1,079.23'
SET RAILROAD SPIKE IN WEST SIDE OF A SINGLE POLE TRANSMISSION POWER POLE AT THE NORTH OUTER ROAD TO THE EAST, 25' ± SOUTH OF THE ¢ OF THE OUTER ROAD, 200' ± NORTHEASTERLY OF THE ¢ OF INTERSTATE HIGHWAY NO. 49/U.S. 71 HIGHWAY.

OLSSON BM#6:(NAVD'88)

ELEV. = 1,040.86'
SET CHILSELED "D" CUT ON THE HEADWALL OF A CONCRETE STORM CULVERT, WEST SIDE OF OUTER ROAD, 860' ± SOUTH OF THE ¢ OF HILL STREET, 36' ± SOUTHWESTERLY OF THE ¢ OF THE OUTER ROAD.

OLSSON BM#7:(NAVD'88)

ELEV. = 1,053.63'
SE BOLT OF A STEEL BASE FOR A KC SCOUT CAMERA POLE, 235' ± SOUTH OF THE ¢ OF HILL STREET, 44' ± WEST OF THE ¢ OF THE OUTER ROAD.

OLSSON BM#8:(NAVD'88)

ELEV. = 1,021.68'
SET RAILROAD SPIKE IN WEST SIDE OF A SINGLE POLE TRANSMISSION POWER POLE, 100' ± NORTH OF THE ¢ OF THE GRAND STREET, 48' ± EAST OF THE ¢ OF THE OUTER ROAD.

OLSSON BM#9:(NAVD'88)

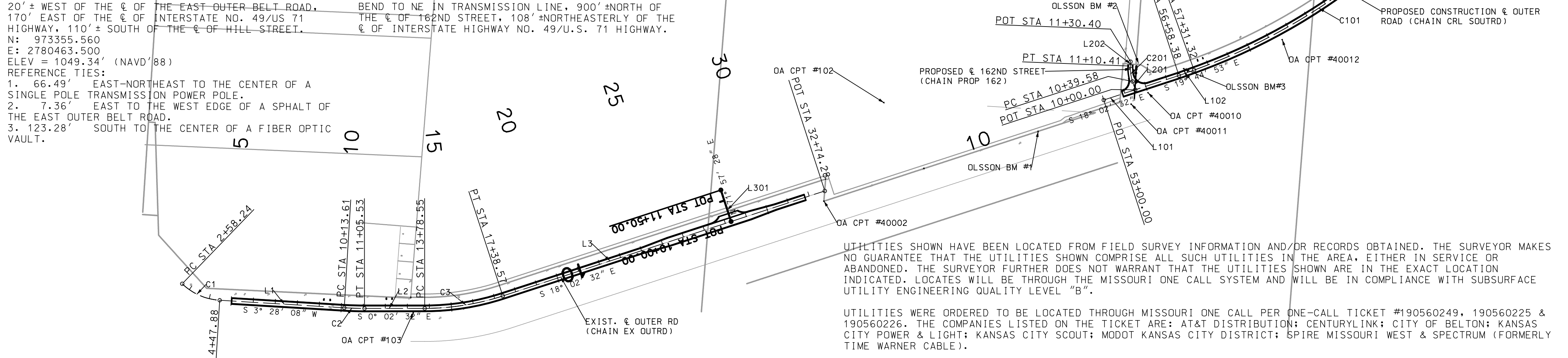
ELEV. = 1,071.67'
SET CHILSELED "X" CUT ON THE NW CORNER OF A CONCRETE PAD FOR A BILLBOARD SIGN, 700' ± SOUTH OF THE ¢ OF 162ND STREET, 90' ± NORTHEASTERLY OF THE ¢ OF THE OUTER ROAD.

OLSSON BM#10:(NAVD'88)

ELEV. = 1,083.03'
SET RAILROAD SPIKE IN WEST SIDE OF THE SOUTHERNMOST POWER POLE, SOUTHWEST OF THE BELTON U-STORE FACILITY, 1,160' ± NORTHWESTERLY OF THE ¢ OF "Y" HIGHWAY/163RD STREET, 50' ± NORTHEASTERLY OF THE ¢ OF THE OUTER ROAD.

OLSSON BM#11:(NAVD'88)

ELEV. = 1,073.84'
SET CHILSELED "D" CUT ON THE WEST BACK OF CURB OF ENTRANCE DRIVE TO ADDRESS #16245, PRAIRIE AND WELAND CENTER BUILDING 500' ± NORTHWESTERLY OF THE ¢ OF "Y" HIGHWAY/163RD STREET, 4' ± NORTH OF THE ¢ OF THE OUTER ROAD.



UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND/OR RECORDS OBTAINED. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. LOCATES WILL BE THROUGH THE MISSOURI ONE CALL SYSTEM AND WILL BE IN COMPLIANCE WITH SUBSURFACE UTILITY ENGINEERING QUALITY LEVEL "B".

UTILITIES WERE ORDERED TO BE LOCATED THROUGH MISSOURI ONE CALL PER ONE-CALL TICKET #190560249, 190560225 & 190560226. THE COMPANIES LISTED ON THE TICKET ARE: AT&T DISTRIBUTION; CENTURYLINK; CITY OF BELTON; KANSAS CITY POWER & LIGHT; KANSAS CITY SCOUT; MODOT KANSAS CITY DISTRICT; SPIRE MISSOURI WEST & SPECTRUM (FORMERLY TIME WARNER CABLE).

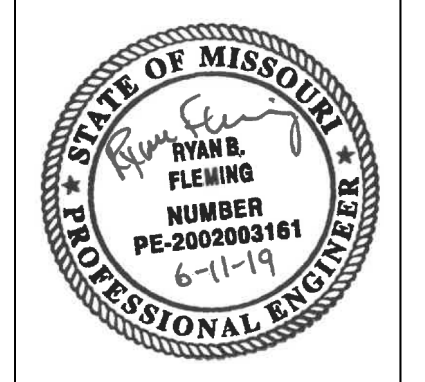
CHAIN EX_OUTDR								
ID #	STATION RANGE	START COORD.	END COORD.	PI STATION	PI COORD.	LINE/CHORD LENGTH (FT)	LINE/CHORD BEARING	RADIUS (FT)
C1	PC 2+58.24 PT 4+47.88	PC N: 974403.90 E: 2780593.20	PT N: 974233.91 E: 2780518.43	3+57.23	N: 974332.71 E: 2780524.42	185.71	S23°44'34"W	268.00
L1	4+47.88 10+13.61	N: 974233.91 E: 2780518.43	N: 973669.22 E: 2780484.20			565.73	S3°28'08"W	
C2	PC 10+13.61 PT 11+05.53	PC N: 973669.22 E: 2780484.20	PT N: 973577.35 E: 2780481.45	10+59.59	N: 973623.33 E: 2780481.42	91.91	S1°42'48"W	1500.00
L2	11+05.53 13+78.55	N: 973577.35 E: 2780481.45	N: 973304.33 E: 2780481.65			273.02	S0°02'32"E	
C3	PC 13+78.55 PT 17+38.57	PC N: 973304.33 E: 2780481.65	PT N: 972950.25 E: 2780538.00	15+60.06	N: 973122.83 E: 2780481.79	358.55	S9°02'32"E	1146.00
L3	17+38.57 32+74.28	N: 972950.25 E: 2780538.00	N: 971490.05 E: 2781013.64			1535.71	S18°02'32"E	

CHAIN PROP_162								
ID #	STATION RANGE	START COORD.	END COORD.	PI STATION	PI COORD.	LINE/CHORD LENGTH (FT)	LINE/CHORD BEARING	RADIUS (FT)
L201	10+00 10+39.58	N: 970082.30 E: 2781472.19	N: 970094.56 E: 2781509.82			39.58	N71°57'28"E	
C201	PC 10+39.58 PT 11+10.41	PC N: 970094.56 E: 2781509.82	PT N: 970104.24 E: 2781579.62	10+75.37	N: 970105.65 E: 2781543.86	70.46	N82°06'14"E	200.00
L202	11+10.41 11+30.40	N: 970104.24 E: 2781579.62	N: 970103.46 E: 2781599.59			19.99	S87°45'00"E	

CHAIN PROP_160								
ID #	STATION RANGE	START COORD.	END COORD.	PI STATION	PI COORD.	LINE/CHORD LENGTH (FT)	LINE/CHORD BEARING	RADIUS (FT)
L301	10+00.00 11+50.00	N: 971914.81 E: 2780875.28	N: 971961.27 E: 2781017.90			150.00	N71°57'28"E	

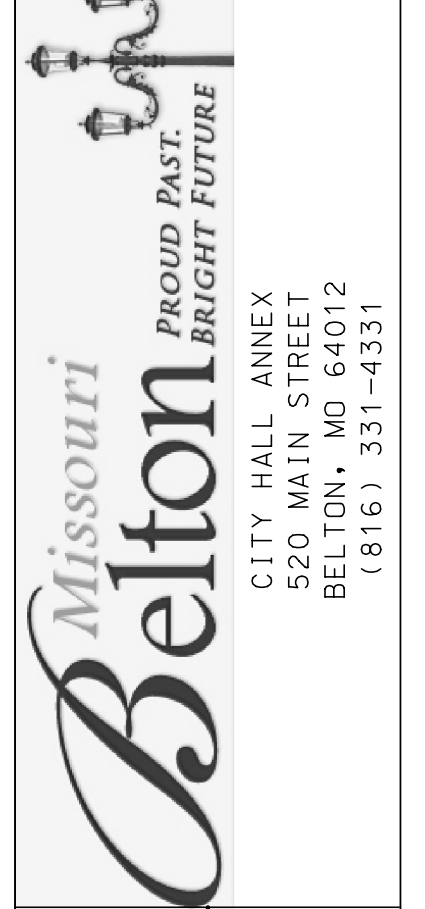
CHAIN CRL_SOUTDR								
ID #	STATION RANGE	START COORD.	END COORD.	PI STATION	PI COORD.	LINE/CHORD LENGTH (FT)	LINE/CHORD BEARING	RADIUS (FT)
L101	53+00 56+58.38	N: 970224.93 E: 2781425.73	N: 969884.17 E: 2781536.73			358.38	S18°02'32"E	
L102	56+58.38 57+31.32	N: 969884.17 E: 2781536.73	N: 969815.52 E: 2781561.37			72.94	S19°44'53"E	
C101	PC 57+31.32 PT 67+53.29	PC N: 969815.52 E: 2781561.37	PT N: 968939.84 E: 2782076.62	62+48.36	N: 969328.89 E: 2781736.07	1016.02	S30°28'20"E	2730.00
L103	67+53.29 68+04.68	N: 968939.84 E: 2782076.62	N: 968901.18 E: 2782110.46			51.38	S41°11'48"E	
C102	PC 68+04.68 PT 72+48.45	PC N: 968901.18 E: 2782110.46	PT N: 968734.62 E: 2782505.56	70+43.09	N: 968721.78 E: 2782267.49	428.77	S67°08'32"E	490.00
L104	72+48.45 74+80.85	N: 968734.62 E: 2782505.56	N: 968747.14 E: 2782737.61			232.39	N86°54'44"E	
C103	PC 74+80.85 PT 78+15.94	PC N: 968747.14 E: 2782737.61	PT N: 968644.64 E: 2783048.56	76+56.59	N: 968756.61 E: 2782913.10	327.40	S71°45'19"E	450.00
L105	78+15.94 78+76.53	N: 968644.64 E: 2783048.56	N: 968606.04 E: 2783095.26			60.59	S50°25'21"E	
L106	78+76.53 79+63.88	N: 968606.04 E: 2783095.26	N: 968547.88 E: 2783160.43			87.35	S48°15'35"E	

ALIGNMENT DATA & SURVEY CONTROL



DATE PREPARED	8/22/2019		
ROUTE	OUTER RD	STATE	MO
DISTRICT	KC	SHEET NO.	7
COUNTY	CASS		
JOB NO.	J4S3399		
CONTRACT ID.			
PROJECT NO.	STP-3356 (408)		
BRIDGE NO.			

DATE	DESCRIPTION



olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592



DATE PREPARED
8/22/2019

ROUTE STATE
OUTER RD MO

DISTRICT SHEET NO.
K-C 1-2

COUNTY
CASS

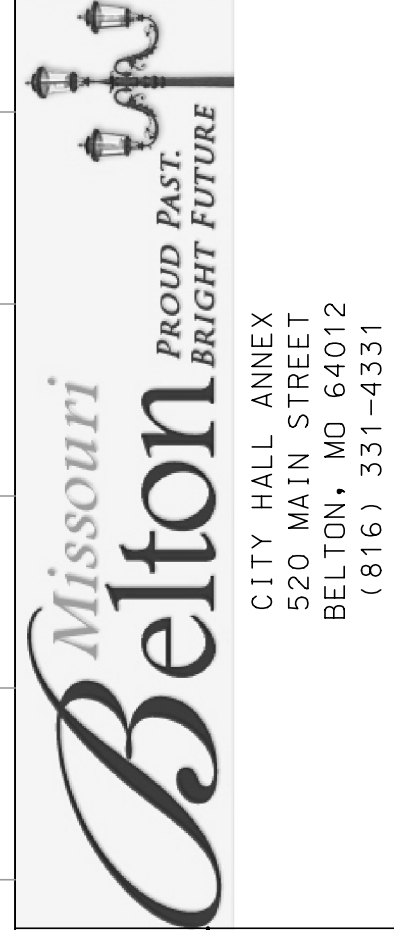
JOB NO.
J4S3399

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STP-3356(408)

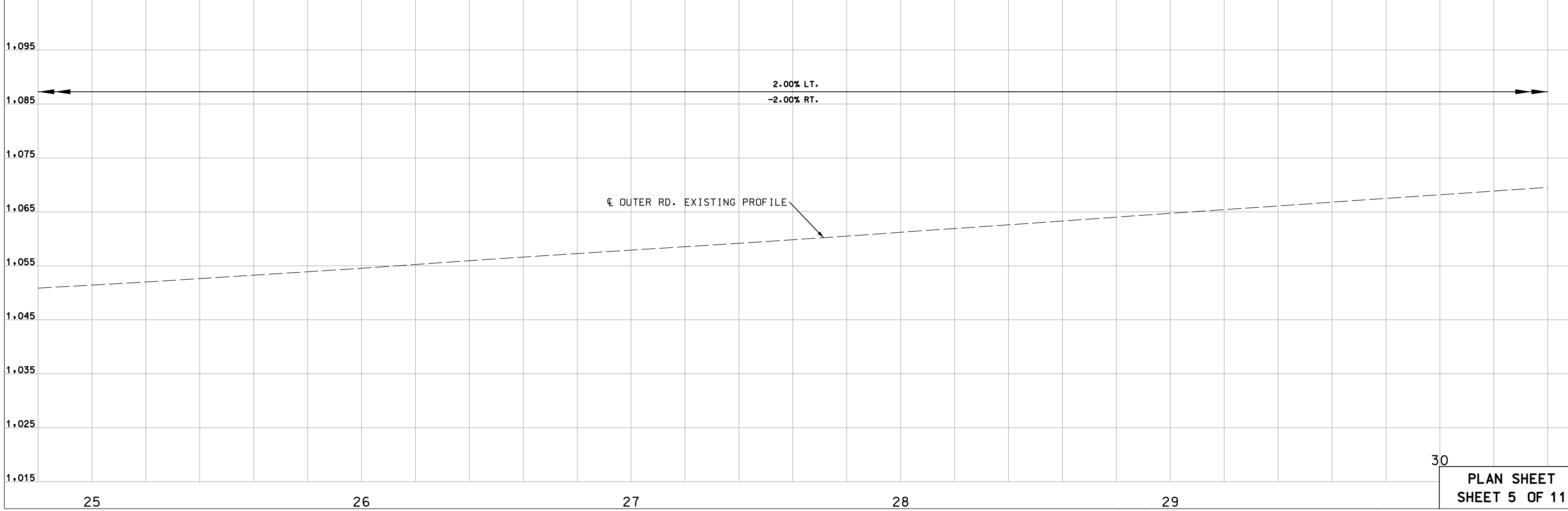
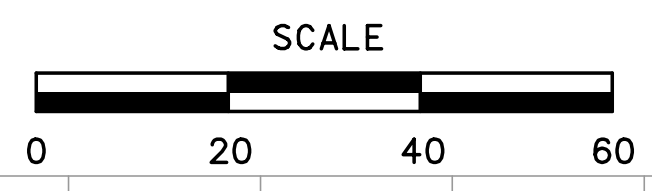
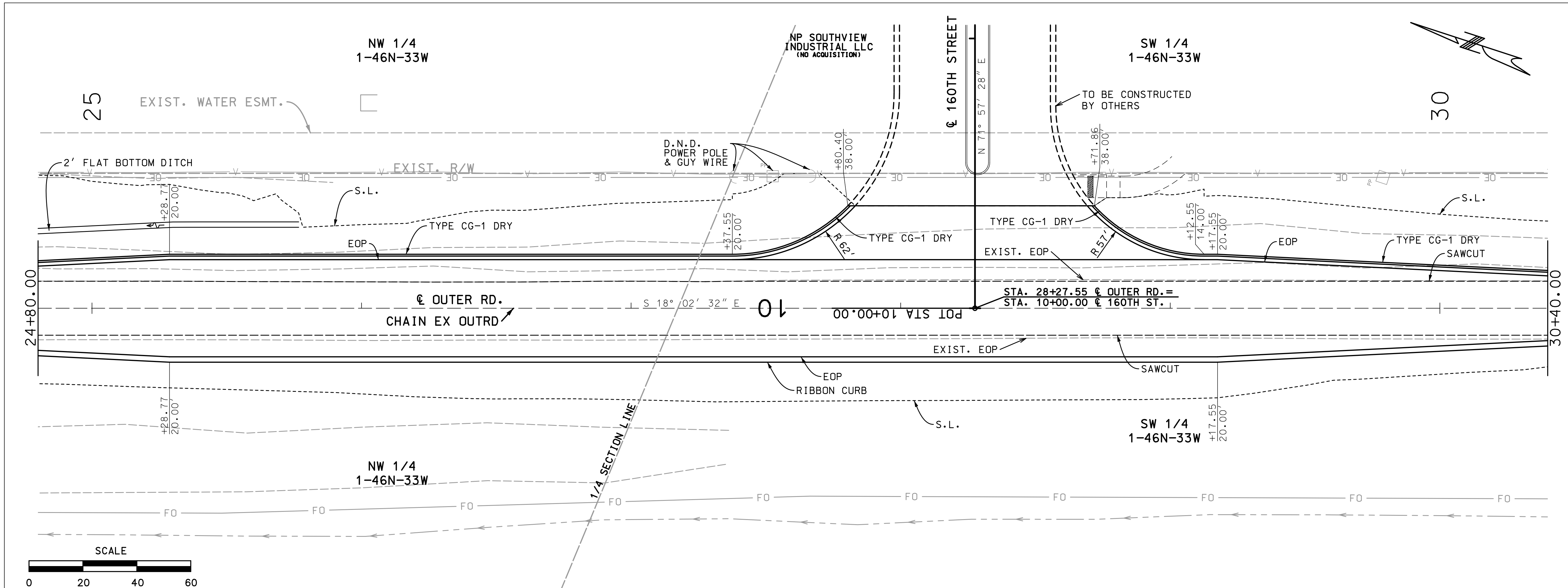
BRIDGE NO.

DATE	DESCRIPTION



olsson

1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF
AUTHORITY NO. 001592



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**PLAN SHEET
SHEET 5 OF 11**