CITY OF JOPLIN - DESIGN PLANS FOR 2018 SIDEWALK & CURB REPLACEMENT IN NEIGHBORHOOD IMPROVEMENT DISTRICT IV

MISSOURI ONE CALL SYSTEM, INC. 800.344.7483 STOP - CALL BEFORE YOU DIG!

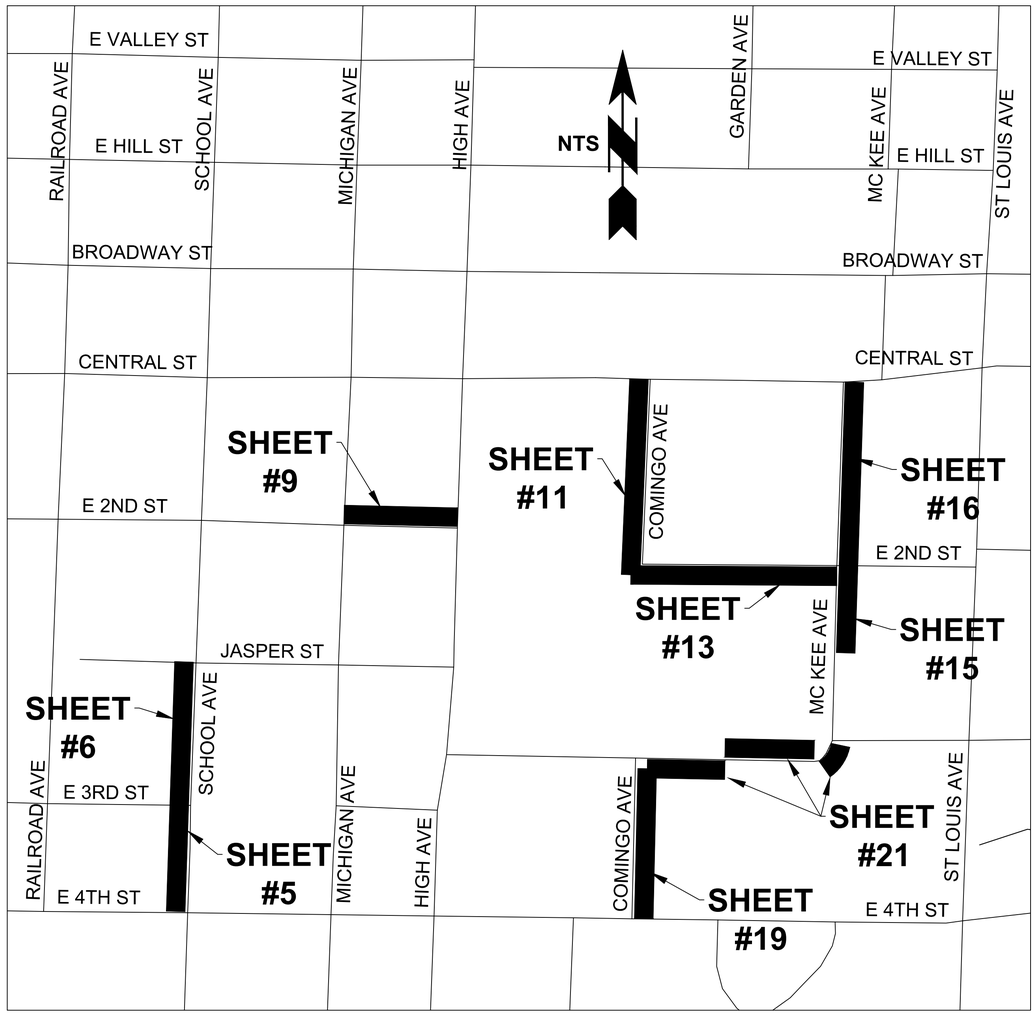
INDEX OF SHEETS

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GENERAL NOTES:

1. CONTRACTOR SHALL, AT HIS EXPENSE, SET & MAINTAIN ALL LINE & GRADE STAKES.
2. CONTRACTOR SHALL, AT HIS EXPENSE, REMOVE & RESET ALL POSTS, STREET SIGNS & THE LIKE WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENTS.
3. CONTRACTOR SHALL GRADE ALL EXISTING STREETS, ALLEYS & DRIVES TO MEET NEW CONSTRUCTION.
4. CONTRACTOR SHALL FIELD VERIFY ALL UTILITY LOCATIONS BEFORE BEGINNING NEW CONSTRUCTION.
5. ALL WORK SHALL CONFORM TO THE CITY OF JOPLIN STANDARD DRAWINGS & SPECIFICATIONS UNLESS OTHERWISE NOTED.
6. ALL WORK SHALL BE IN ACCORDANCE WITH THE WORK ZONE SAFETY GUIDELINES OF PART VI OF THE MUTCD & WITH THE BARRICADING SECTION OF THE CITY OF JOPLIN SAFETY MANUAL.
7. ALL PEDESTRIAN FACILITIES SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.
8. CONTRACTOR SHALL, AT HIS EXPENSE, PROVIDE ACCESS TO PRIVATE PROPERTY AT ALL TIMES.
9. CONTRACTOR SHALL, AT HIS EXPENSE, RETAIN THE SERVICES OF A PLS LICENSED IN MISSOURI, WHO SHALL BE RESPONSIBLE FOR RESTORING ANY INCIDENTALLY DAMAGED SURVEY MONUMENTS NOT SCHEDULED FOR REMOVAL AS PART OF THE CONSTRUCTION PROJECT. CONTRACTOR SHALL NOTIFY THE CITY OF JOPLIN OF ANY MONUMENTS DAMAGED BY ANY OUTSIDE PARTY.

PROJECT LOCATION



EXISTING FEATURE LEGEND

- CP = NAIL/PIN SET
- IP = CROSS/PIN FND
- EM = ELECTRIC METER
- PP = POWER POLE
- LP = LIGHT POLE
- GY = GUY/ANCHOR
- OHE = OVERHEAD ELEC
- WM = WATER METER
- WV = WATER VALVE
- W = WATER LINE
- FH = FIRE HYDRANT
- S = SAN SEWER LINE
- SIGN
- STM SEWER LINE
- MH = STM SEWER MH
- DROP INLET/GRATE
- MB = MAIL BOX
- YARD HYDRANT
- MONITORING WELL
- SIG PULL BOX
- SIG CONTROLLER
- SIG BASE/ARM
- SIG PED
- TR = TREE
- TRAN = TRANSFORMER
- BUSH
- STUMP
- TP = TELE PEDESTAL
- T = UNDERGRND TELE
- GM = GAS METER
- GV = GAS VALVE
- G = GAS LINE
- MH = SAN SEWER MH
- SEWER CLEANOUT

UTILITY NOTE

UTILITIES ARE LOCATED ON DRAWINGS BASED UPON AVAILABLE INFORMATION. THE NUMBER & LOCATION OF UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL CONTACT ALL UTILITIES & MISSOURI DIG RITE AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION & SHALL BE RESPONSIBLE FOR THE EXACT LOCATION & PRESERVATION OF ALL BURIED OR OVERHEAD UTILITY LINES.

CITY OF JOPLIN

SUBMITTED

ASSISTANT DIRECTOR OF PUBLIC WORKS _____ DATE _____

CITY OF Joplin

CITY OF JOPLIN, MISSOURI
PUBLIC WORKS DEPARTMENT
DIVISION OF ENGINEERING

ADDRESS: 602 S MAIN ST 64801
PH NO: 417-624-0820
FAX NO: 417-625-4738
E-MAIL: DHERTZBE@JOPLINMO.ORG

REV DATE:	REVISION:
05/15/2018	CREATED DWG

SVYD BY: AMA
PNT FILE: N/A
SVY DATE: 05/2017
ENGINEER: HERTZBERG

ACAD DWG FILE & PATH NAME: SIDEWALKS \ NID IV
SCALES: HORZ: N/A VERT: N/A

DWN BY: STAFF
CKD BY: JOHNSON
APD BY: JOHNSON
DATE: 05/2018

PROJECT
NID IV CURB & SIDEWALK REPLACEMENT - TITLE SHEET

PLAN NO: 8522
SHEET 1

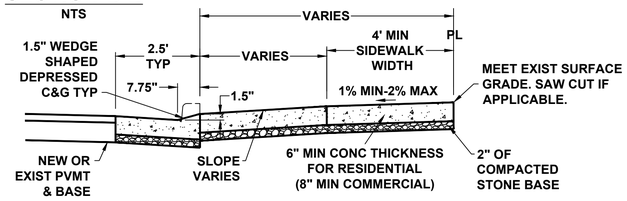
SUMMARY OF QUANTITIES



CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801 PH NO: 417-624-0820 FAX NO:417-625-4738 E-MAIL: DHERTZBE@JOPLINMO.ORG	REV DATE: 05/15/2018	REVISION: CREATED DWG	SVYD BY: AMA PNT FILE: SCHOOL.TXT SVY DATE: 05/2017 ENGINEER: HERTZBERG	ACAD DWG FILE & PATH NAME: SIDEWALKS \ NID IV SCALES: HORZ: N/A VERT: N/A	DWN BY: STAFF CKD BY: JOHNSON APD BY: JOHNSON DATE: 05/2018	PROJECT NID IV CURB & SIDEWALK REPLACEMENT - QUANTITIES	PLAN NO: 8522 SHEET 2

SECTION B-B

NTS

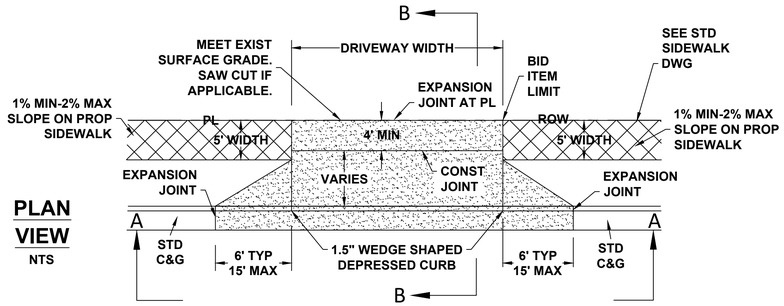


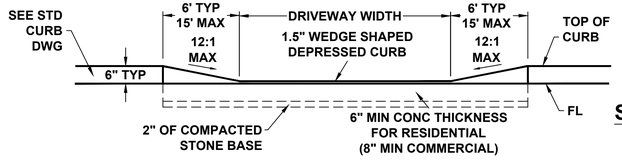
DRIVEWAY NOTES:

1. STEEL REINFORCEMENT IS NOT ALLOWED.
2. ALL GUTTER CONST IN FRONT OF DRIVEWAY & ALL C&G IN DRIVEWAY TRANSITIONS SHALL BE INCLUDED IN THE BID PRICE OF THE DRIVEWAY.
3. BID PRICE FOR ALL DRIVEWAYS SHALL INCLUDE ALL EXCAVATION, LABOR, & MATERIALS REQUIRED TO CONSTRUCT DRIVEWAY.
4. EXPANSION JOINTS SHALL BE CONSTRUCTED NEAR PROPERTY LINE & THROUGH C&G ADJACENT TO DRIVEWAY.
5. OPTIONAL CONSTRUCTION JOINTS MAY BE USED AT GRADE CHANGES IN DRIVEWAY.

PLAN VIEW

NTS





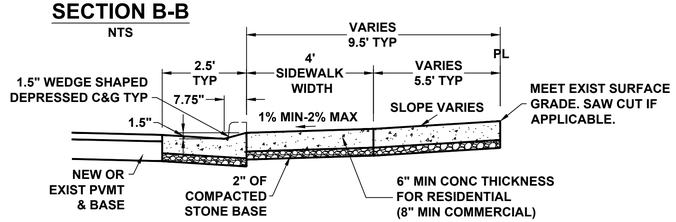
SECTION A-A

NTS

DRIVEWAY WITH SIDEWALK OFFSET FROM CURB

SECTION B-B

NTS

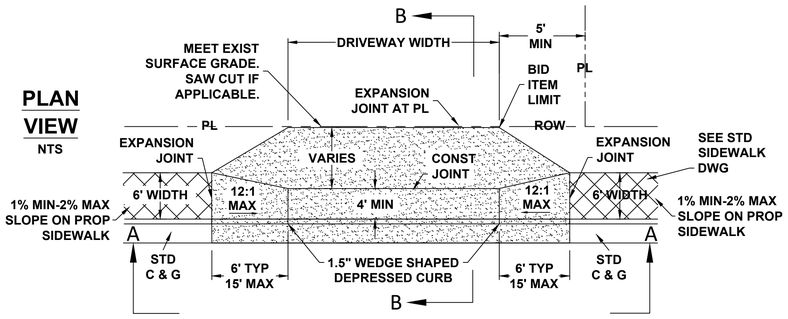


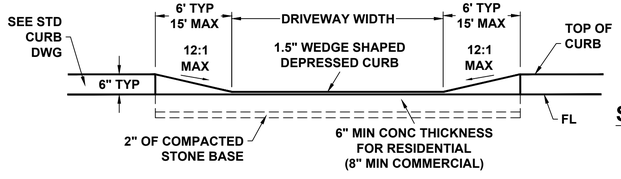
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PLAN VIEW

NTS

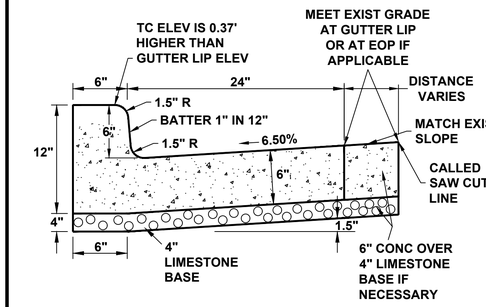




SECTION A-A

NTS

DRIVEWAY WITH SIDEWALK AGAINST CURB



C&G NOTES:

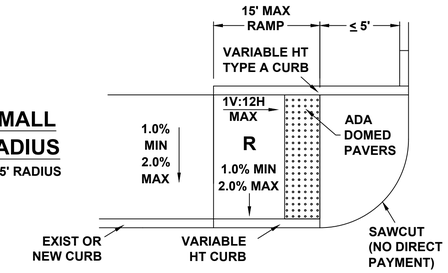
1. BACK OF CURB IS 12".
2. CONSTRUCT EXPANSION JOINT EACH 25'.
3. JOINT MATERIAL TO EXTEND THRU C&G, FRONT TO BACK, & NEATLY TRIMMED TO MATCH CONCRETE SURFACE.
4. FLOAT GROUT TO SURFACE ON EXPOSED SURFACES.
5. CONC SHALL BE 3000# TEST AT 28 DAY TEST FOR COMPRESSIVE STRENGTH.

STD UPRIGHT C&G

N.T.S.

SMALL RADIUS

< 15' RADIUS



TYPE 'D' ADA RAMP

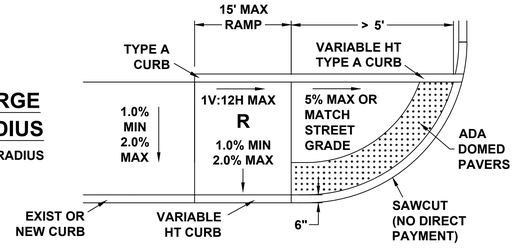
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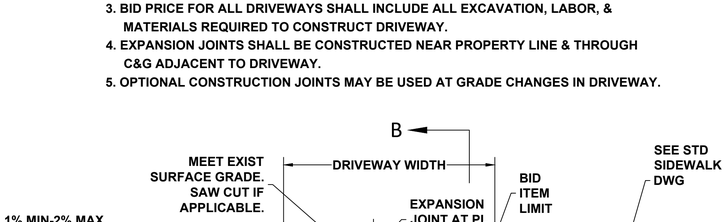
RAMP NOTES:

1. BID PRICE FOR ALL RAMPS SHALL INCLUDE ALL EXCAVATION, LABOR, & MATERIALS REQUIRED TO CONSTRUCT RAMP.
2. ALL POURED CONCRETE SHALL BE 6" THICK & FIBER REINFORCED WITH 2" COMPACTED STONE BASE.
3. DETECTABLE WARNING DEVICES REQUIRED AT PUBLIC STREET & SIGNALIZED ENTRANCES.
4. TYPE A CURB & ADA DOMED PAVERS SHALL BE INCLUDED IN PRICE OF RAMP.

LARGE RADIUS

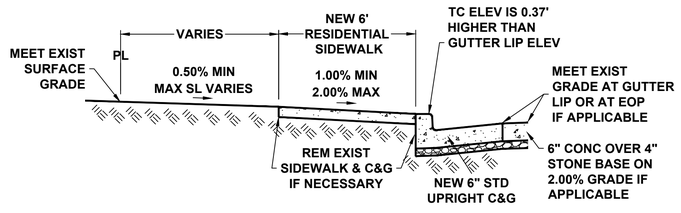
≥ 15' RADIUS





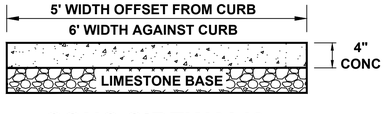
TYPICAL SECTION WITH SIDEWALK OFFSET FROM CURB

NTS



TYPICAL SECTION WITH SIDEWALK AGAINST CURB

NTS



CONC SIDEWALK (RESIDENTIAL)

NTS

SIDEWALK NOTE:

1. CONSTRUCT EXPANSION JOINTS EVERY 30' MAXIMUM & CONTRACTION JOINTS EVERY 10' MAXIMUM.

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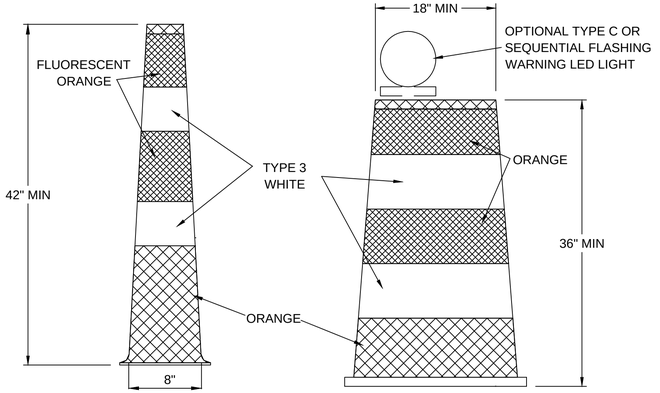
CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801	REV DATE:	REVISION:	SVYD BY: AMA	ACAD DWG FILE & PATH NAME: SIDEWALKS \ NID IV	DWN BY: STAFF
		PH NO: 417-624-0820	05/15/2018	CREATED DWG	PNT FILE: SCHOOL.TXT		CKD BY: JOHNSON
		FAX NO: 417-625-4738			SVY DATE: 05/2017	SCALES: HORZ: N/A VERT: N/A	APD BY: JOHNSON
		E-MAIL: DHERTZBE@JOPLINMO.ORG			ENGINEER: HERTZBERG		DATE: 05/2018

PROJECT

NID IV CURB & SIDEWALK REPLACEMENT - DETAIL SHEET

PLAN NO: 8522

SHEET 3



TRIM-LINE NTS

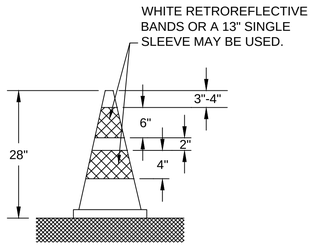
DRUM-LIKE NTS

REFLECTIVE SHEETING APPLIED TO CHANNELIZERS SHALL BE REBOUNDABLE MEETING ASTM D 4956.

NOTES:
1. STRIPES ON TRIM-LINE CHANNELIZERS SHALL BE 6" TO 8".
2. STRIPES ON DRUM-LIKE CHANNELIZERS SHALL BE 4" TO 6".

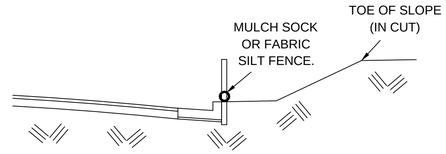
CHANNELIZER DETAILS

NTS



LOW SPEED ROADWAY (35 M.P.H. AND LESS)

CONES NTS

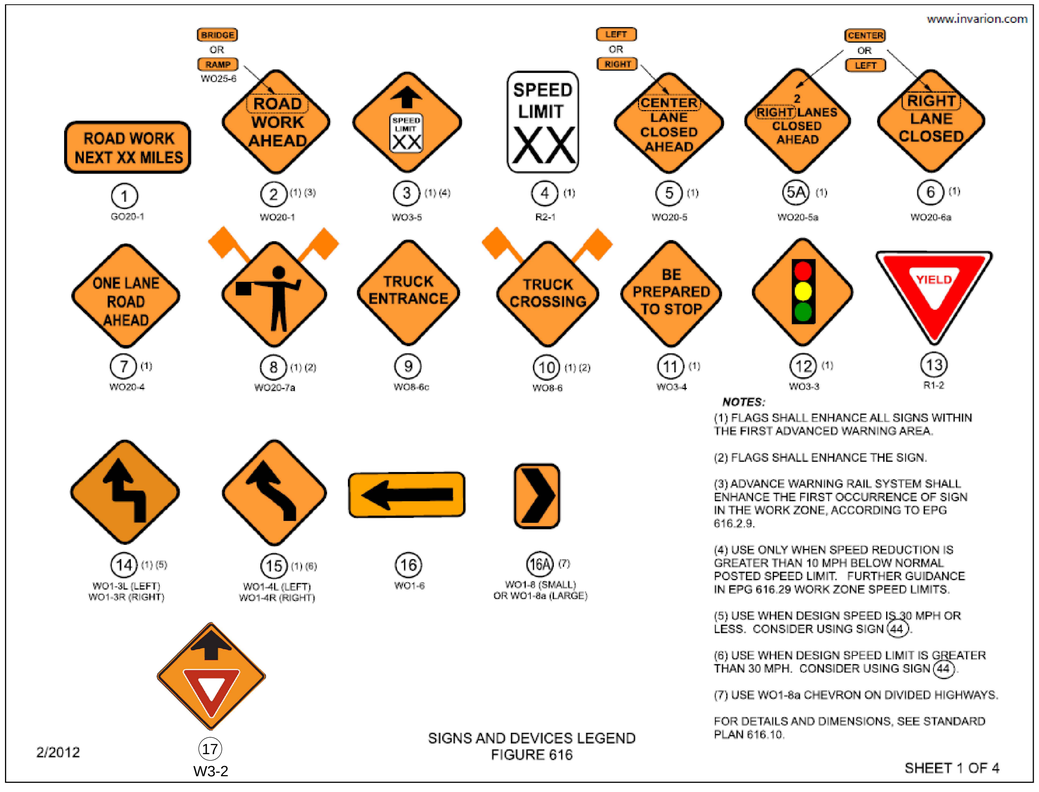


EROSION CONTROL DETAIL

SILT FENCE OR MULCH SOCK (IN CUT) LOCATIONS

NTS

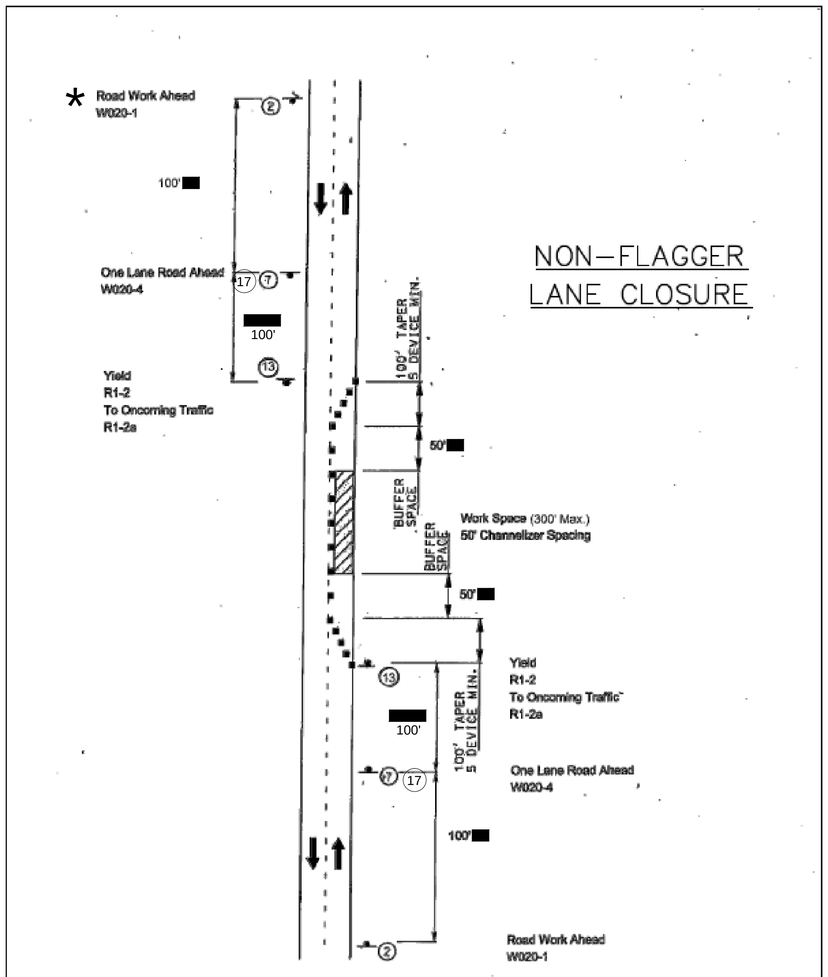
TRAFFIC CONTROL



2/2012

SIGNS AND DEVICES LEGEND
FIGURE 616

SHEET 1 OF 4

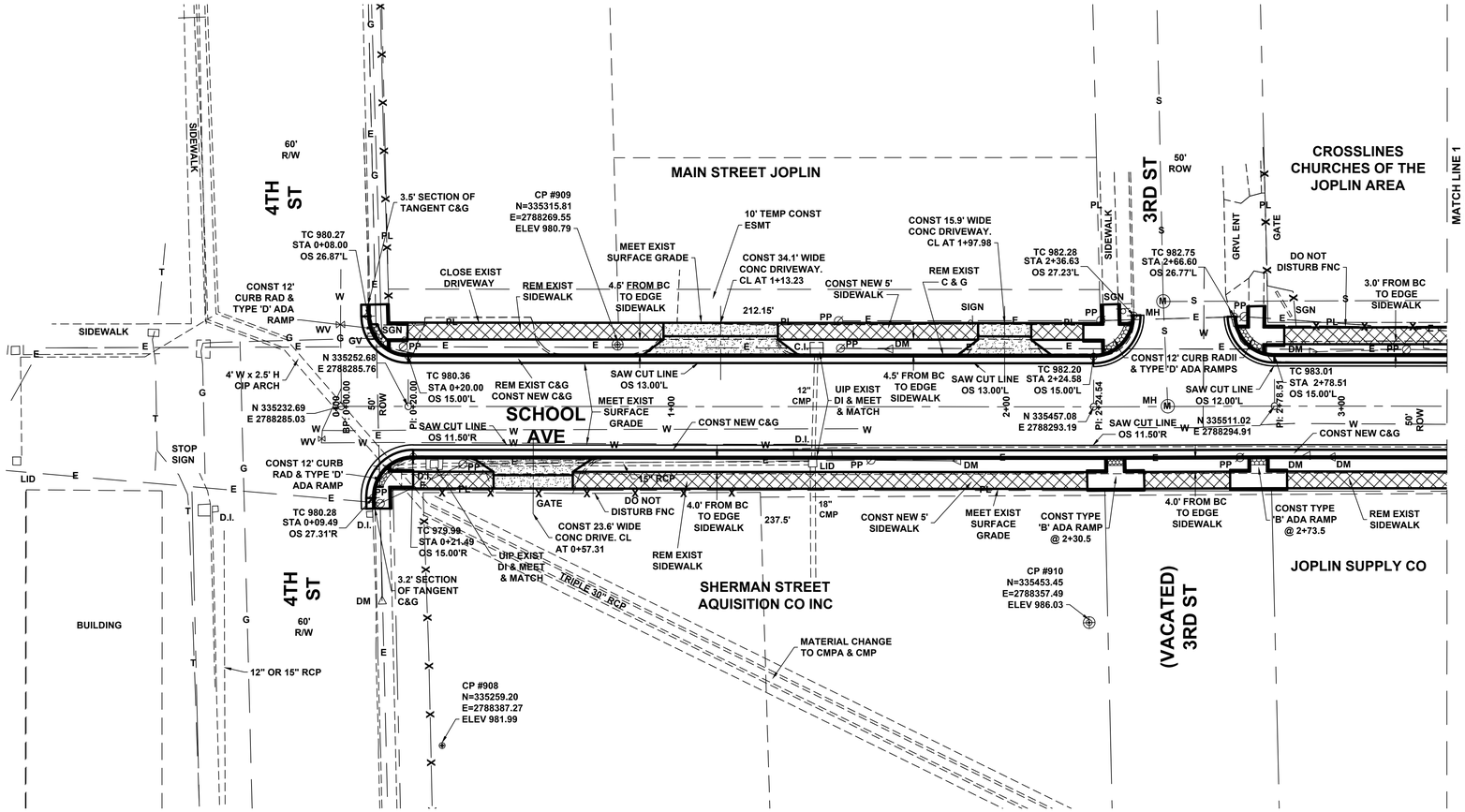


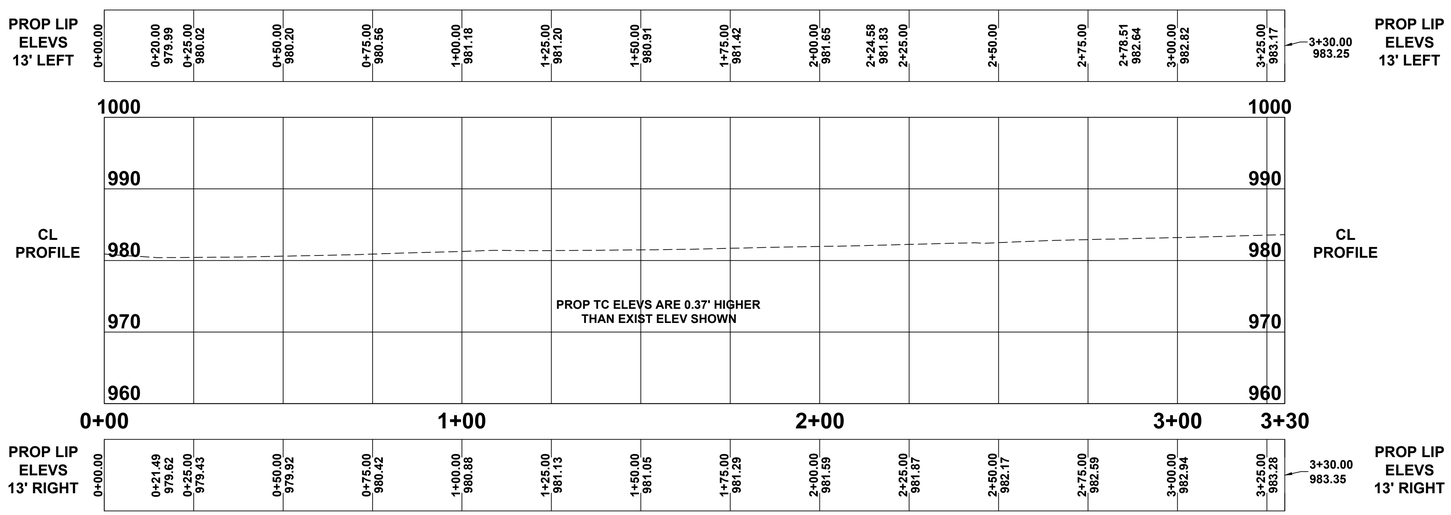
NON-FLAGGER LANE CLOSURE

1 SET -- 1 RELOCATE

MISSOURI ONE CALL SYSTEM, INC. 800.344.7483 STOP. CALL BEFORE YOU DIG.

CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801	REV DATE:	REVISION:	SVYD BY: AMA	ACAD DWG FILE & PATH NAME: SIDEWALKS \ NID IV	DWN BY: STAFF	PROJECT: NID IV CURB & SIDEWALK REPLACEMENT - TRAFFIC CONTROL	PLAN NO: 8522
		PH NO: 417-624-0820	05/15/2018	CREATED DWG	PNT FILE: SCHOOL.TXT		CKD BY: JOHNSON		SHEET 4
		FAX NO:417-625-4738			SVY DATE: 05/2017	SCALES: HORZ: N/A VERT: N/A	APD BY: JOHNSON		
		E-MAIL: DHERTZBE@JOPLINMO.ORG			ENGINEER: HERTZBERG		DATE: 05/2018		





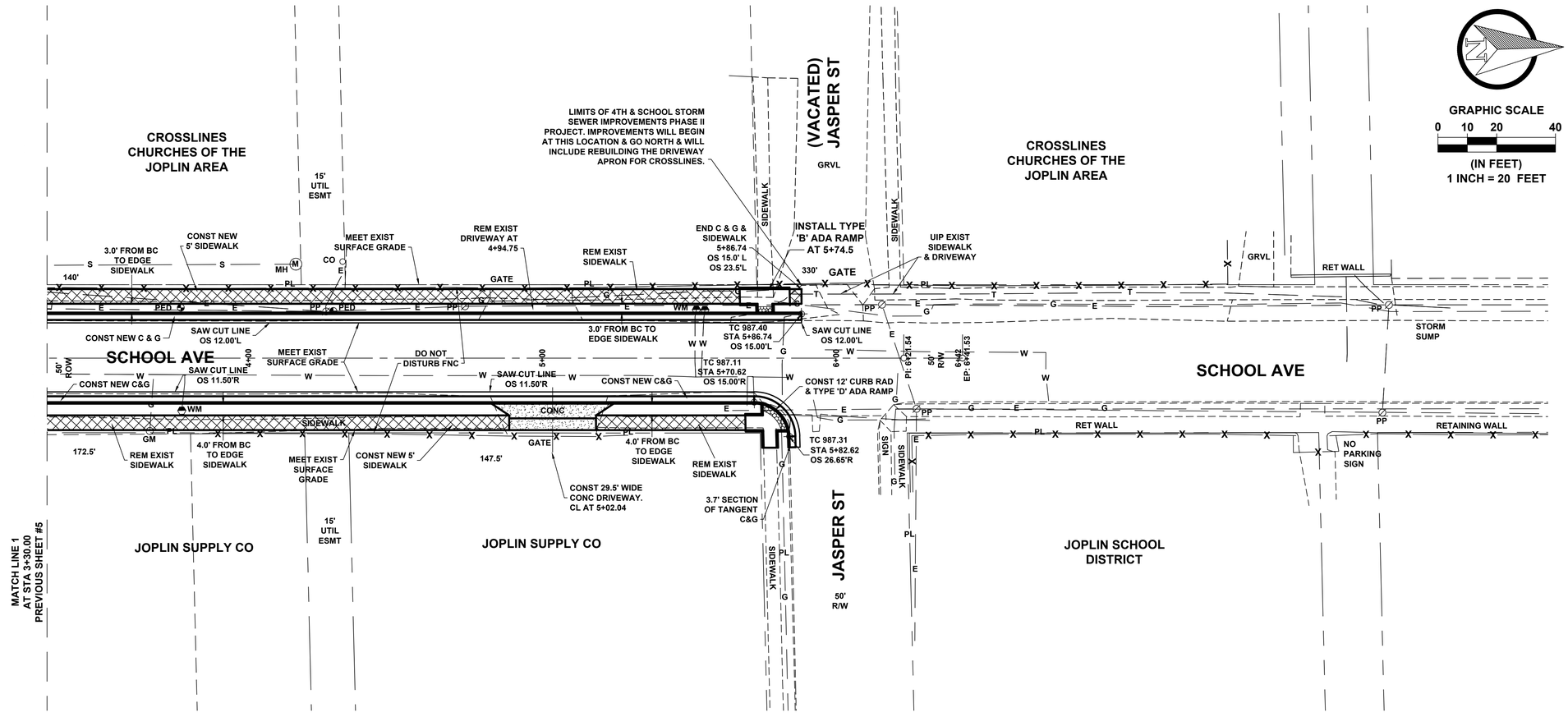
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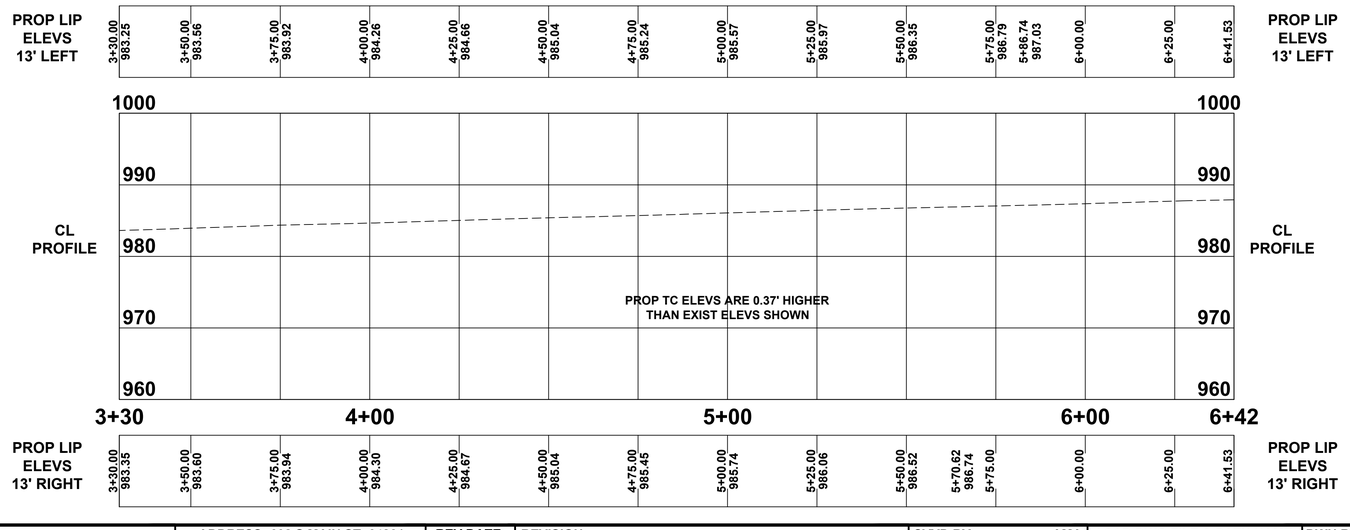
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MISSOURI ONE CALL SYSTEM, INC. 1.800.344.7483 STOP. CALL BEFORE YOU DIG!

NID IV-SCHOOL-BOTH SIDES.dwg

CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801 PH NO: 417-624-0820 EXT 530 FAX NO: 417-625-4738 E-MAIL: DHERTZBE@JOPLINMO.ORG	REV DATE: 07/2018	REVISION: CREATED DWG	SVYD BY: AMA PNT FILE: SCHOOL.TXT SVY DATE: 05/2017 ENGINEER: HERTZBERG	ACAD DWG FILE & PATH NAME: SIDEWALKS\NID IV SIDEWALKS SCALES: HORZ: 1" = 20' VERT: 1" = 10'	DWN BY: STAFF CKD BY: JOHNSON APD BY: JOHNSON DATE: 07/2018	PROJECT NID IV CURB & SIDEWALK REPLACEMENT P & P - SCHOOL - 4TH TO JASPER	PLAN NO: 8522 SHEET 5





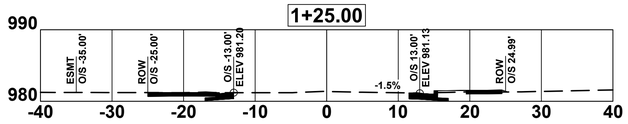
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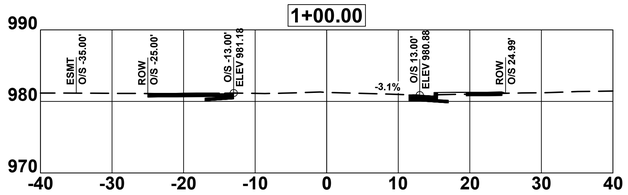
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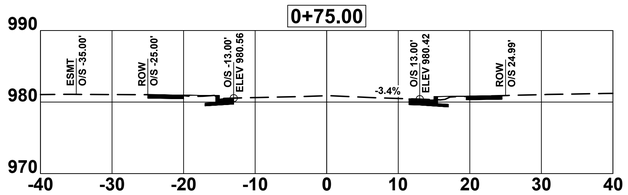
MISSOURI ONE CALL SYSTEM, INC. 1.800.344.7483 STOP. CALL BEFORE YOU DIG!

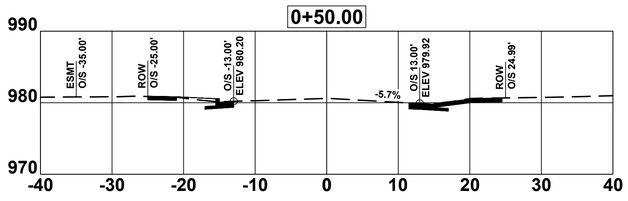
NID IV-SCHOOL-BOTH SIDES.dwg

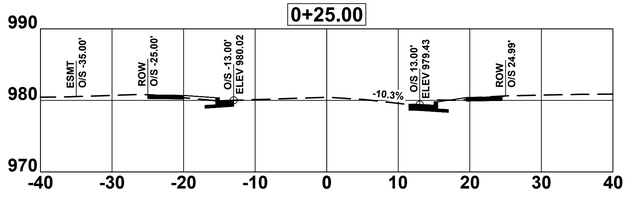
CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801 PH NO: 417-624-0820 EXT 530 FAX NO: 417-625-4738 E-MAIL: DHERTZBE@JOPLINMO.ORG	REV DATE: 07/2018	REVISION: CREATED DWG	SVYD BY: AMA PNT FILE: SCHOOL.TXT SVY DATE: 05/2017 ENGINEER: HERTZBERG	ACAD DWG FILE & PATH NAME: SIDEWALKS\NID IV SIDEWALKS SCALES: HORZ: 1" = 20' VERT: 1" = 10'	DWN BY: STAFF CKD BY: JOHNSON APD BY: JOHNSON DATE: 07/2018	PROJECT NID IV CURB & SIDEWALK REPLACEMENT P & P - SCHOOL - 4TH TO JASPER	PLAN NO: 8522 SHEET 6

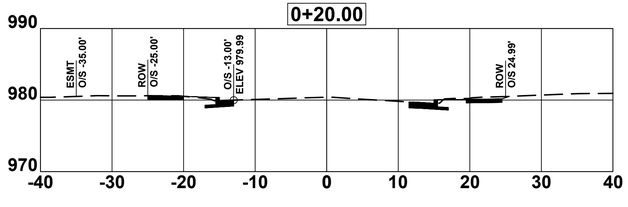


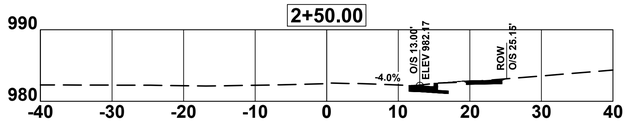


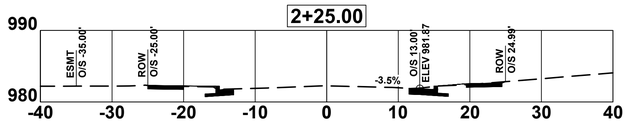


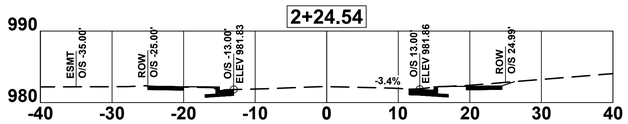


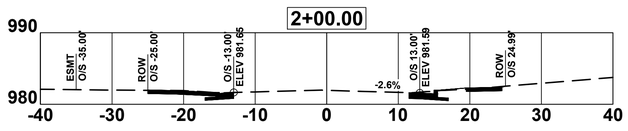


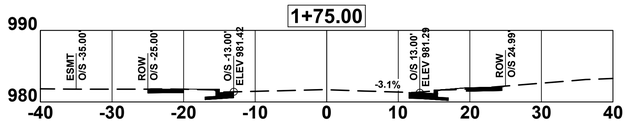


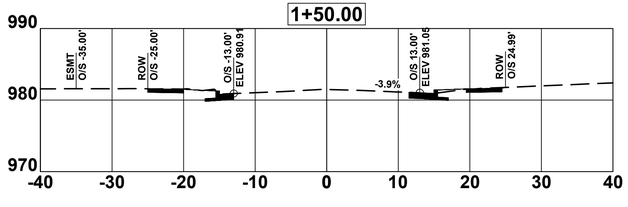


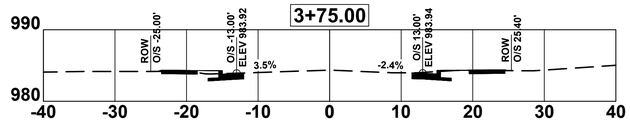


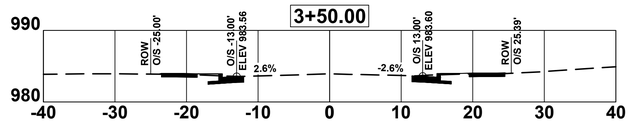


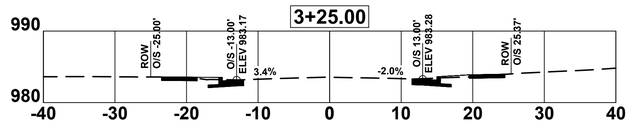


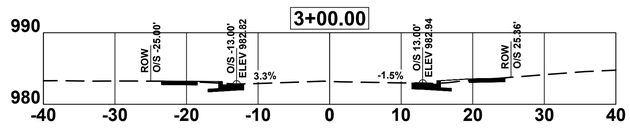


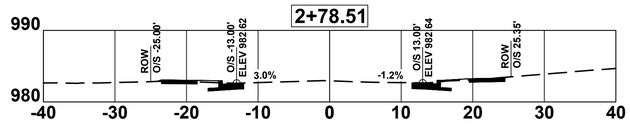


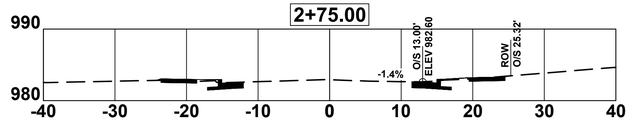












NID IV-SCHOOL-BOTH SIDES.dwg

MISSOURI ONE CALL SYSTEM, INC. 1-800-344-7483 STOP - CALL BEFORE YOU DIG

CITY OF Joplin

CITY OF JOPLIN, MISSOURI
PUBLIC WORKS DEPARTMENT
DIVISION OF ENGINEERING

ADDRESS: 602 S MAIN ST 64801
PH NO: 417-624-0820 EXT 530
FAX NO: 417-625-4738
E-MAIL: DHERTZBE@JOPLINMO.ORG

REV DATE:	REVISION:
07/2018	CREATED DWG

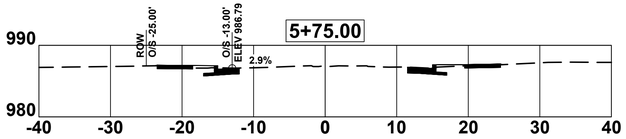
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PNT FILE: SCHOOL.TXT
SVY DATE: 05/2017
ENGINEER: HERTZBERG

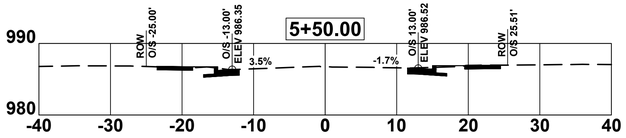
ACAD DWG FILE & PATH NAME: SIDEWALKS \ NID IV SIDEWALKS
SCALES: HORZ: 1" = 10' VERT: 1" = 10'

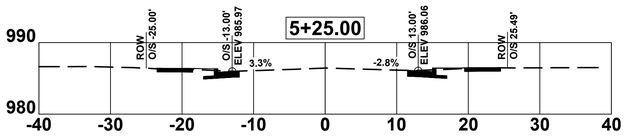
DWN BY: STAFF
CKD BY: JOHNSON
APD BY: JOHNSON
DATE: 07/2018

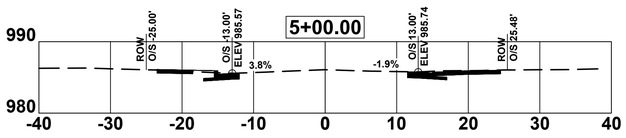
PROJECT
NID IV CURB & SIDEWALK REPLACEMENT X-SECTIONS - SCHOOL - 4TH TO JASPER

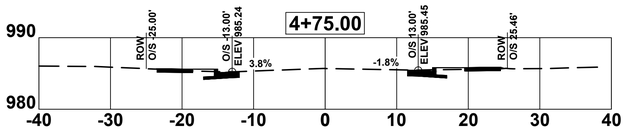
PLAN NO: 8522
SHEET 7

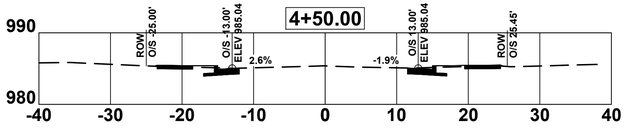


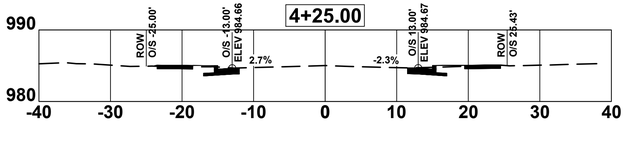


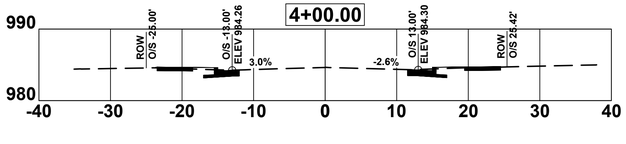


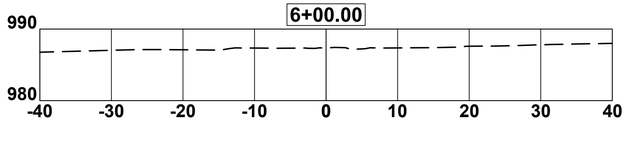










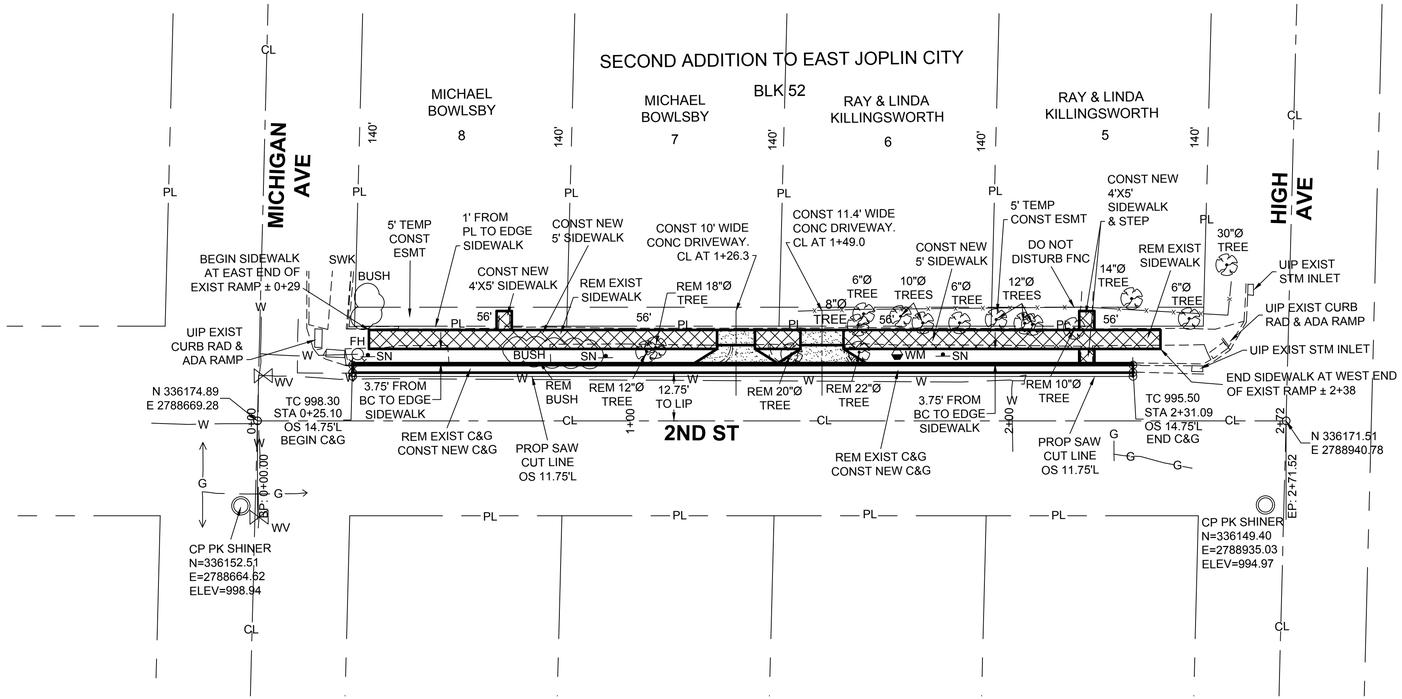


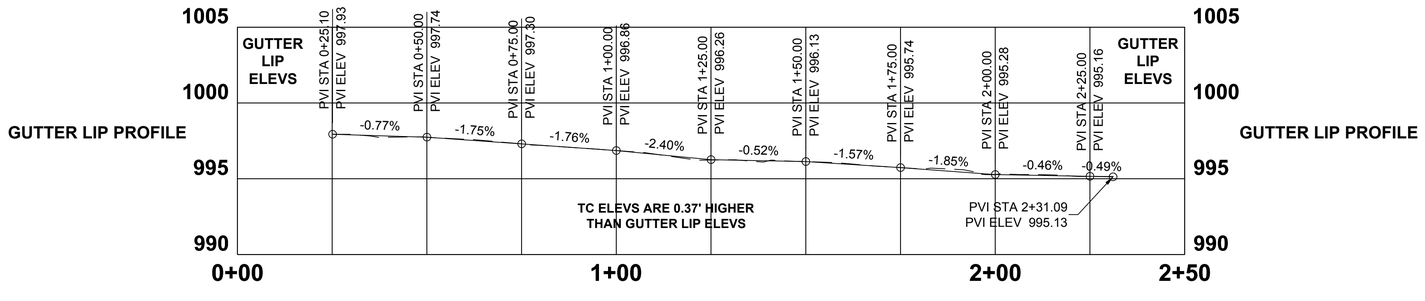
DIRT QUANTITIES
303 CY CUT
14 CY FILL

NID IV-SCHOOL-BOTH SIDES.dwg

MISSOURI ONE CALL SYSTEM, INC. 1-800-344-7483 STOP-CALL BEFORE YOU DIG

CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801 PH NO: 417-624-0820 EXT 530 FAX NO: 417-625-4738 E-MAIL: DHERTZBE@JOPLINMO.ORG	REV DATE: 07/2018	REVISION: CREATED DWG	SVYD BY: AMA PNT FILE: SCHOOL.TXT SVY DATE: 05/2017 ENGINEER: HERTZBERG	ACAD DWG FILE & PATH NAME: SIDEWALKS \ NID IV SIDEWALKS SCALES: HORZ: 1" = 10' VERT: 1" = 10'	DWN BY: STAFF CKD BY: JOHNSON APD BY: JOHNSON DATE: 07/2018	PROJECT NID IV CURB & SIDEWALK REPLACEMENT X-SECTIONS - SCHOOL - 4TH TO JASPER	PLAN NO: 8522 SHEET 8





GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 INCH = 20 FEET

GENERAL NOTES:
1. CONTRACTOR SHALL, AT HIS EXPENSE, SET & MAINTAIN ALL LINE & GRADE STAKES.
2. CONTRACTOR SHALL GRADE ALL EXISTING STREETS, ALLEYS, & DRIVES TO MEET NEW CONST.
3. CONTRACTOR SHALL FIELD VERIFY ALL UTILITY LOCATIONS BEFORE BEGINNING NEW CONST.
4. ALL WORK SHALL CONFORM TO THE CITY OF JOPLIN STD SPECS UNLESS OTHERWISE NOTED.
5. ALL WORK SHALL BE IN ACCORDANCE WITH THE WORK ZONE SAFETY GUIDELINES OF PART VI OF THE MUTCD & WITH THE BARRICADING SECTION OF THE CITY OF JOPLIN SAFETY MANUAL.
6. ALL PEDESTRIAN FACILITIES SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF THE ADA.
7. CONTRACTOR SHALL, AT HIS EXPENSE, PROVIDE ACCESS TO PRIVATE PROPERTY AT ALL TIMES.
8. CONTRACTOR SHALL, AT HIS EXPENSE, RETAIN THE SERVICES OF A PLS LICENSED IN MISSOURI, WHO SHALL BE RESPONSIBLE FOR RESTORING ANY INCIDENTALLY DAMAGED SURVEY MONUMENTS NOT SCHEDULED FOR REMOVAL AS PART OF CONST PROJECT. CONTRACTOR SHALL NOTIFY THE CITY OF JOPLIN OF ANY MONUMENTS DAMAGED BY ANY OUTSIDE PARTY.

MISSOURI ONE CALL SYSTEM, INC 800.344.7483 STOP. CALL BEFORE YOU DIG.

2ND MICHIGAN TO HIGH.dwg

CITY OF Joplin

CITY OF JOPLIN, MISSOURI
PUBLIC WORKS DEPARTMENT
DIVISION OF ENGINEERING

ADDRESS: 602 S MAIN ST 64801
PH NO: 417-624-0820 EXT 530
FAX NO: 417-625-4738
E-MAIL: DHERTZBE@JOPLINMO.ORG

REV DATE	REVISION:
10/09/2018	CREATED DWG

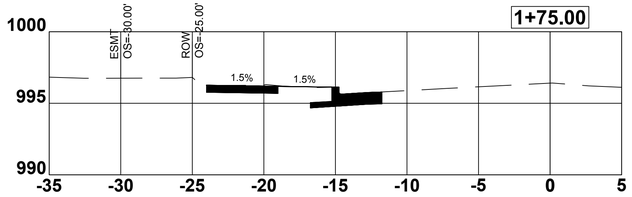
SVYD BY: AMA
PNT FILE: LIST PNTS.TXT
SVY DATE: 10/2018
ENGINEER: HERTZBERG

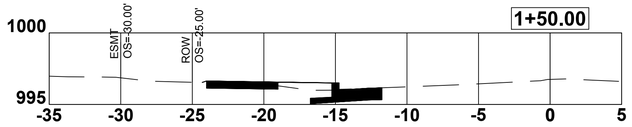
ACAD DWG FILE & PATH NAME: SIDEWALKS \ NIDIV \ 2ND
SCALES: HORZ: 1" = 20' VERT: 1" = 5'

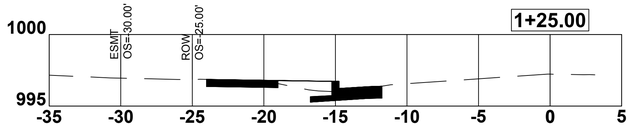
DWN BY: STAFF
CKD BY: JOHNSON
APD BY: JOHNSON
DATE: 10/2018

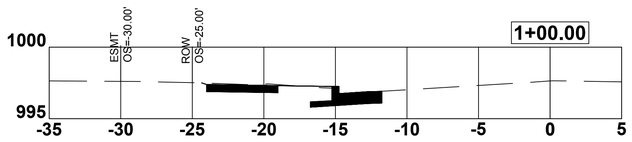
PROJECT
NID IV CURB & SIDEWALK REPLACEMENT
STREET P & P - 2ND - MICHIGAN TO HIGH

PLAN NO: 8522
SHEET 9



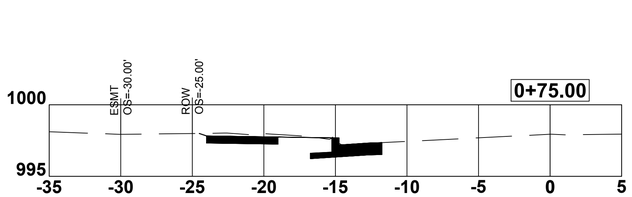


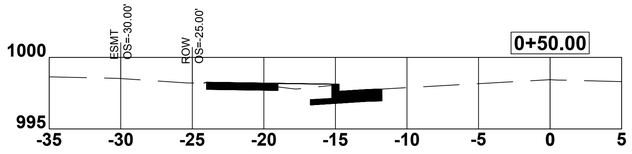


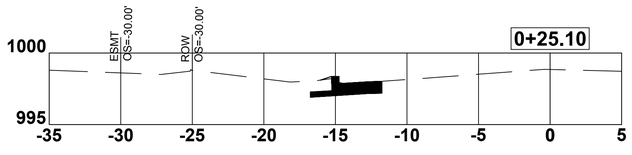


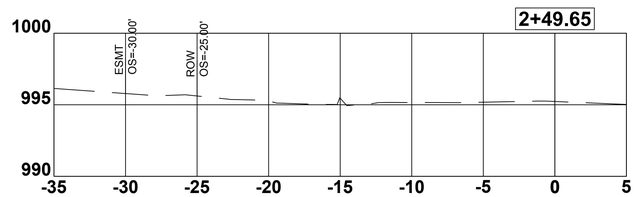
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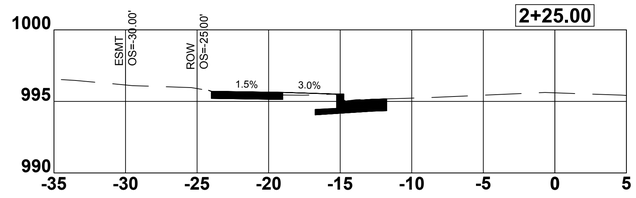
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Totals			2397.93 Sq. Ft.	55.31 Cu. Yd.	1.36 Cu. Yd.	53.95 Cu. Yd.<Cut>

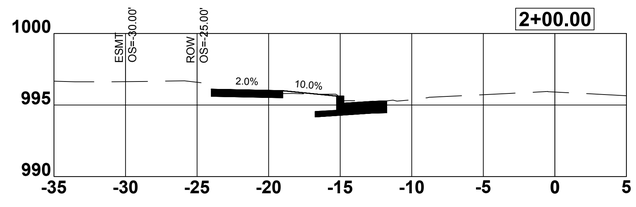








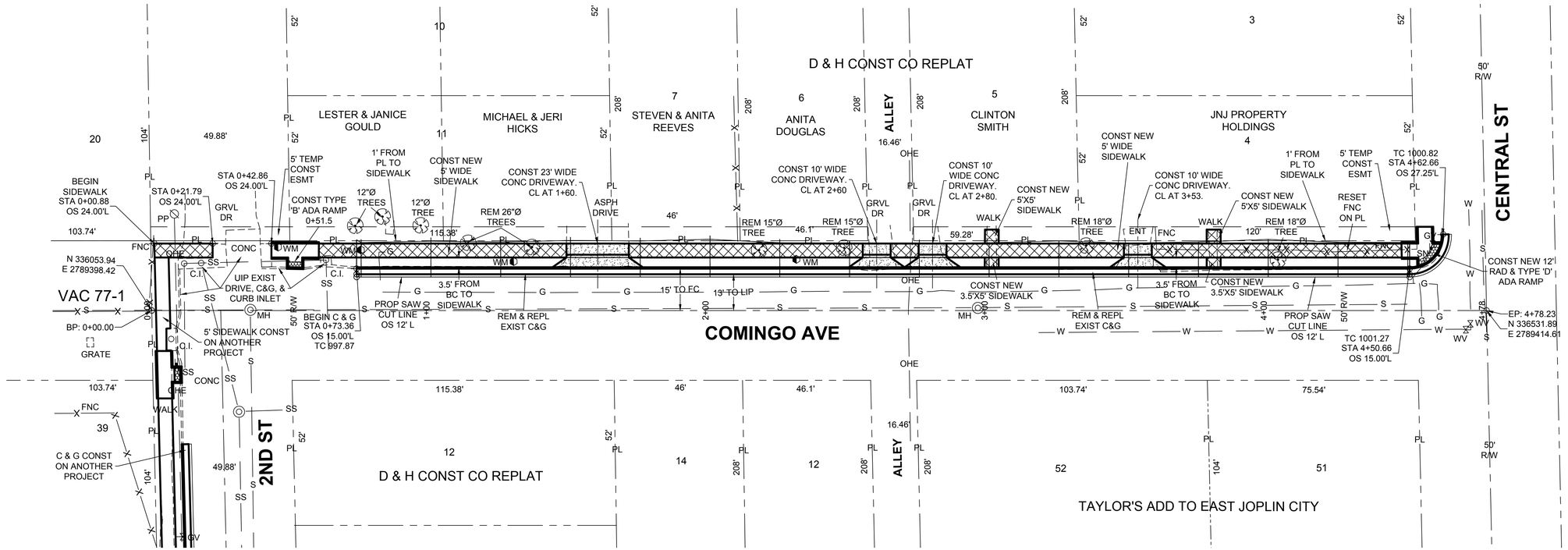




2ND MICHIGAN TO HIGH.dwg

MISSOURI ONE CALL SYSTEM, INC. 1-800-344-7483 STOP. CALL BEFORE YOU DIG

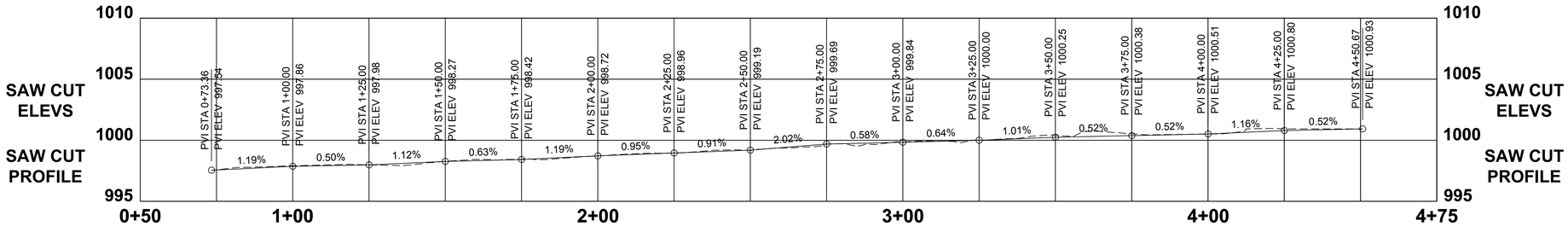
CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801 PH NO: 417-624-0820 EXT 530 FAX NO: 417-625-4738 E-MAIL: DHERTZBE@JOPLINMO.ORG	REV DATE: 10/2018	REVISION: CREATED DWG	SVYD BY: AMA PNT FILE: LIST POINTS.TXT SVY DATE: 10/2018 ENGINEER: HERTZBERG	ACAD DWG FILE & PATH NAME: SIDEWALKS\NIDIV\2ND SCALES: HORZ: 1" = 5' VERT: 1" = 5'	DWN BY: STAFF CKD BY: JOHNSON APD BY: JOHNSON DATE: 10/2018	PROJECT NID IV CURB & SIDEWALK REPLACEMENT X-SECTIONS - 2ND- MICHIGAN TO HIGH	PLAN NO: 8522 SHEET 10



GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 INCH = 20 FEET

GENERAL NOTES:

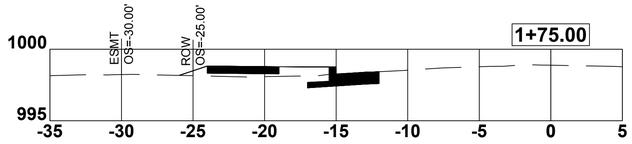
1. CONTRACTOR SHALL, AT HIS EXPENSE, SET & MAINTAIN ALL LINE & GRADE STAKES.
2. CONTRACTOR SHALL GRADE ALL EXISTING STREETS, ALLEYS, & DRIVES TO MEET NEW CONST.
3. CONTRACTOR SHALL FIELD VERIFY ALL UTILITY LOCATIONS BEFORE BEGINNING NEW CONST.
4. ALL WORK SHALL CONFORM TO THE CITY OF JOPLIN STD SPECS UNLESS OTHERWISE NOTED.
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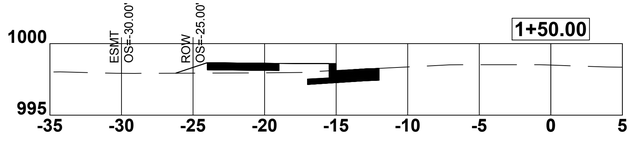


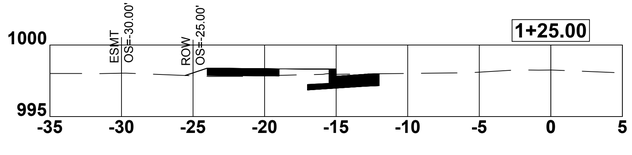
MISSOURI ONE CALL SYSTEM, INC. 1-800-344-7483 STOP! CALL BEFORE YOU DIG!

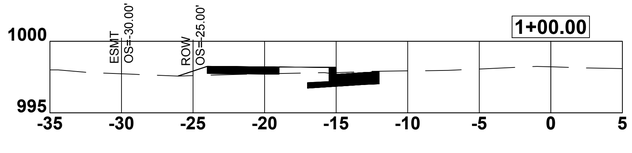
COMINGO 2ND TO CENTRAL.dwg

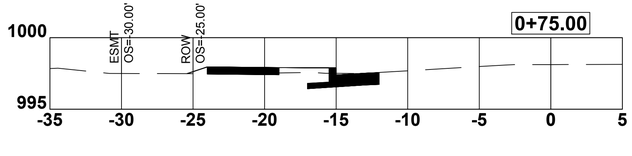
CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801 PH NO: 417-624-0820 EXT 530 FAX NO: 417-625-4738 E-MAIL: DHERTZBE@JOPLINMO.ORG	REV DATE: 10/2018	REVISION: CREATED DWG	SVYD BY: AMA PNT FILE: LISTPNTS.TXT SVY DATE: 10/2018 ENGINEER: HERTZBERG	ACAD DWG FILE & PATH NAME: SIDEWALKS \NIDIV \COMINGO SCALES: HORZ: 1" = 20' VERT: 1" = 5'	DWN BY: STAFF CKD BY: JOHNSON APD BY: JOHNSON DATE: 10/2018	PROJECT NID IV CURB & SIDEWALK REPLACEMENT STREET P&P - COMINGO - 2ND TO CENTRAL	PLAN NO: 8522 SHEET 11

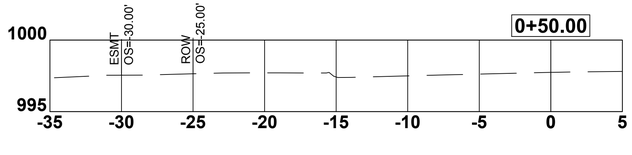


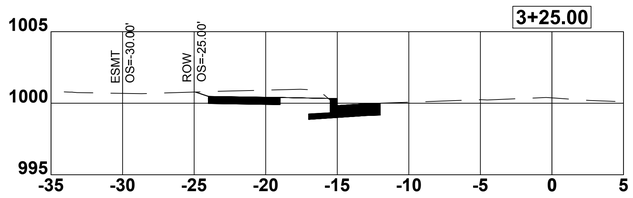


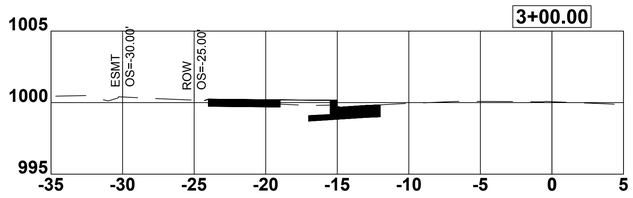


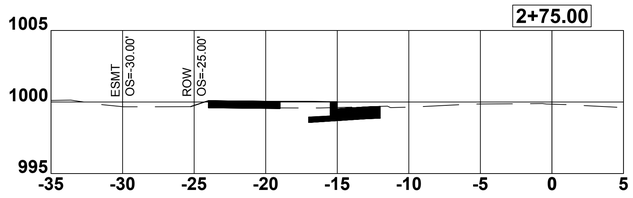


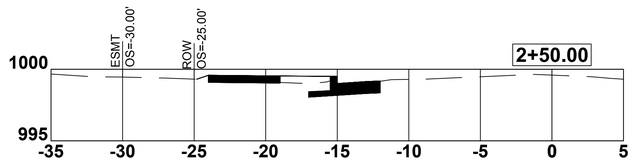


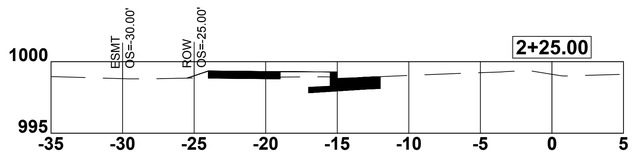


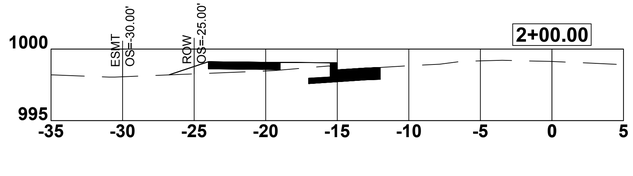






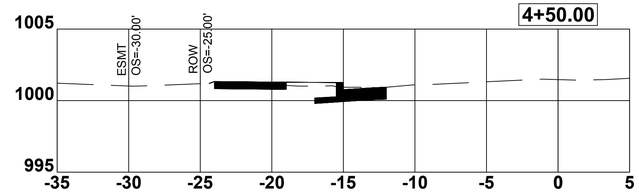


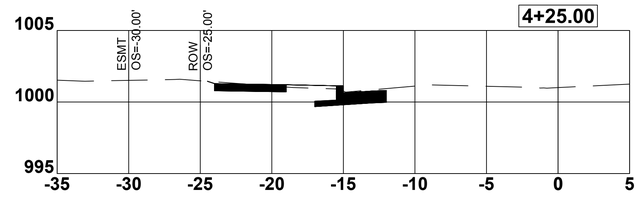


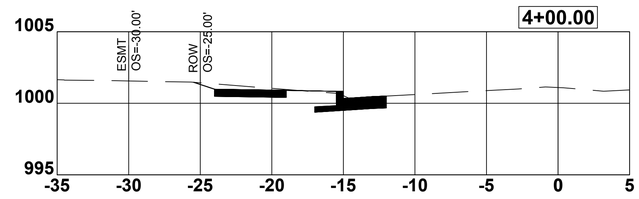


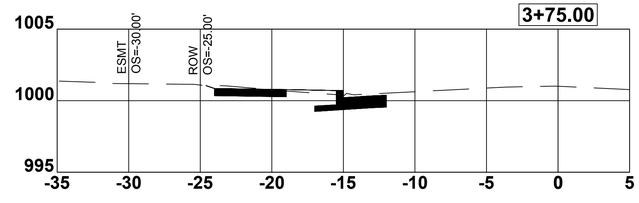
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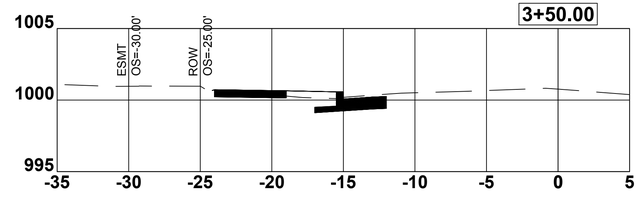
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Totals			93.49 Cu. Yd.	6.51 Cu. Yd.







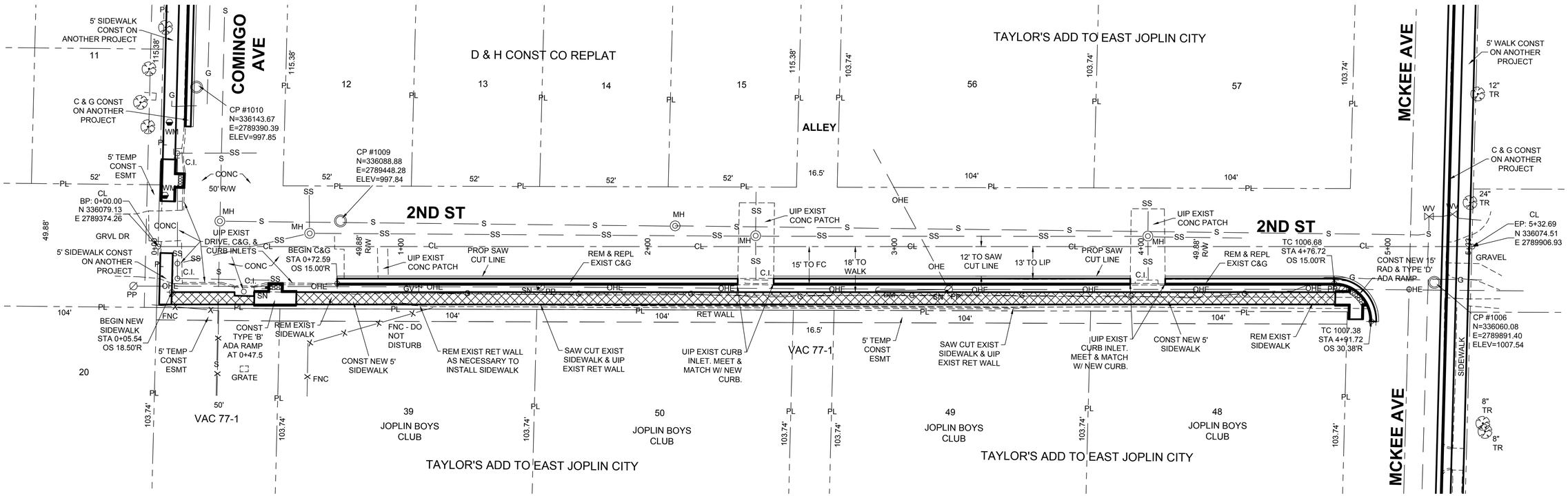




MISSOURI ONE CALL SYSTEM, INC.
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COMINGO 2ND TO CENTRAL.dwg

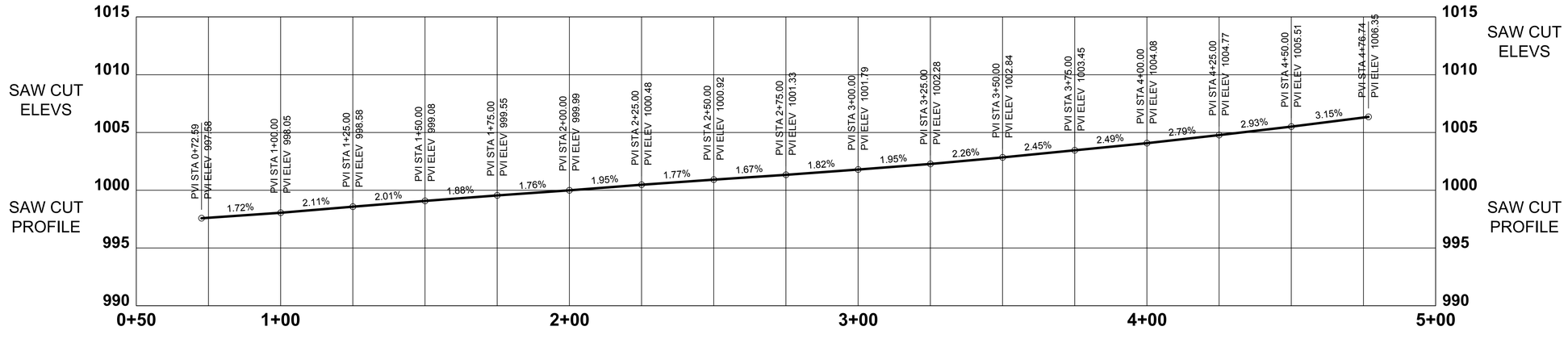
CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801 PH NO: 417-624-0820 EXT 530 FAX NO: 417-625-4738 E-MAIL: DHERTZBE@JOPLINMO.ORG	REV DATE: 10/2018	REVISION: CREATED DWG	SVYD BY: AMA PNT FILE: LIST PNTS.TXT SVY DATE: 10/2018 ENGINEER: HERTZBERG	ACAD DWG FILE & PATH NAME: SIDEWALKS \ NIDIV \ COMINGO SCALES: HORZ: 1" = 5' VERT: 1" = 5'	DWN BY: STAFF CKD BY: JOHNSON APD BY: JOHNSON DATE: 10/2018	PROJECT NID IV CURB & SIDEWALK REPLACEMENT X-SECTIONS - COMINGO - 2ND TO CENTRAL	PLAN NO: 8522 SHEET 12



GENERAL NOTES:

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GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 INCH = 20 FEET



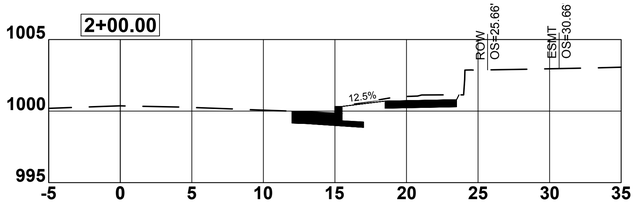
MISSOURI ONE CALL SYSTEM, INC. 1-800-344-7483 STOP! CALL BEFORE YOU DIG!

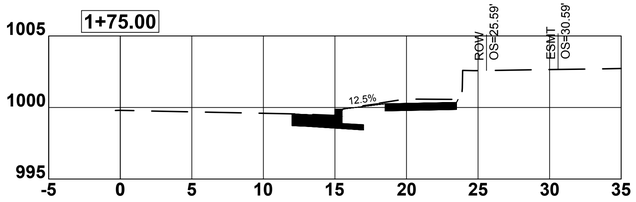
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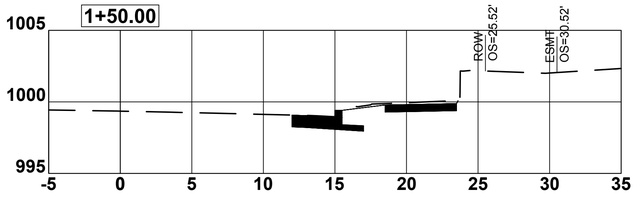
CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801	REV DATE:	REVISION:	SVYD BY: AMA	ACAD DWG FILE & PATH NAME:	DWN BY: STAFF
		PH NO: 417-624-0820 EXT 530	10/2018	CREATED DWG	PNT FILE: LIST PNTS.TXT	SIDEWALKS \ NID IV \ 2ND	CKD BY: JOHNSON
		FAX NO: 417-625-4738			SVY DATE: 10/2018	SCALES: HORZ: 1" = 20' VERT: 1" = 5'	APD BY: JOHNSON
		E-MAIL: DHERTZBE@JOPLINMO.ORG			ENGINEER: HERTZBERG		DATE: 10/2018

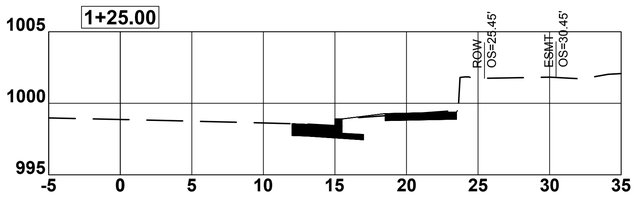
PROJECT
NID IV CURB & SIDEWALK REPLACEMENT
STREET P & P - 2ND -COMINGO TO MCKEE

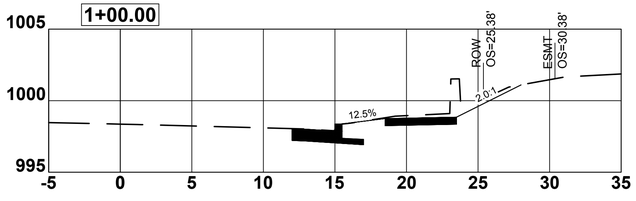
PLAN NO: 8522
SHEET 13

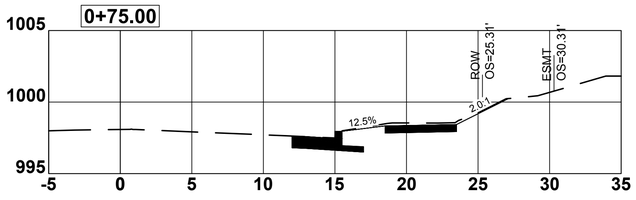


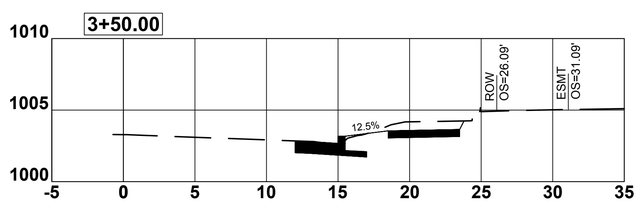


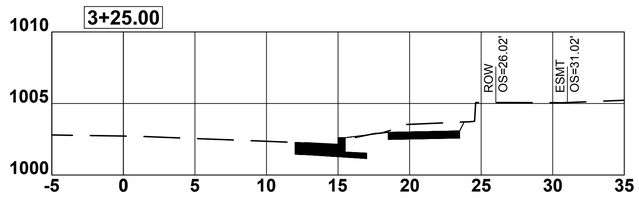


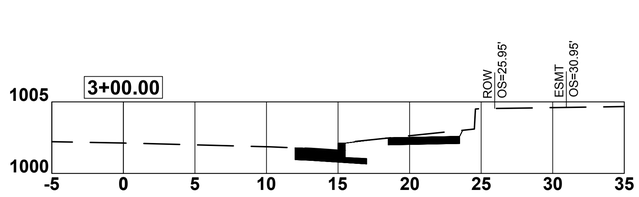


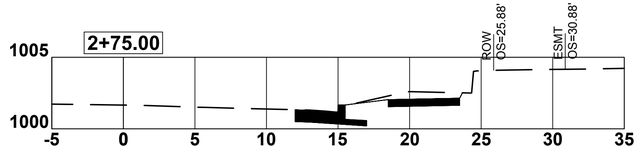


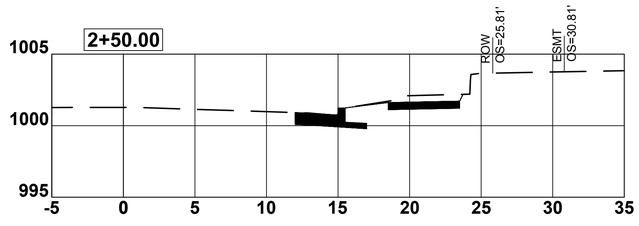


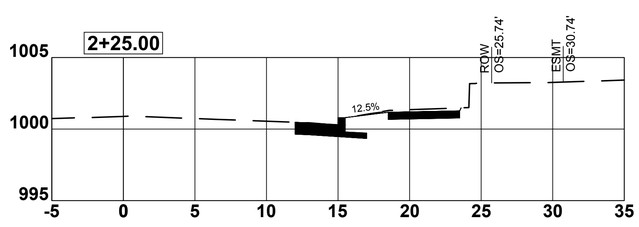






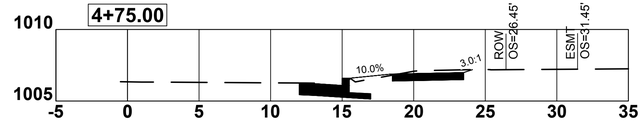


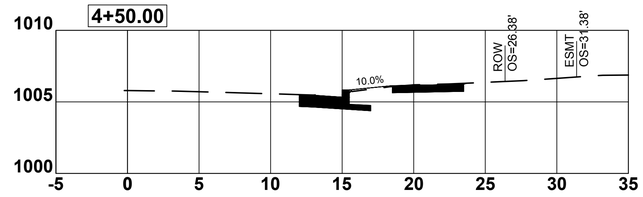


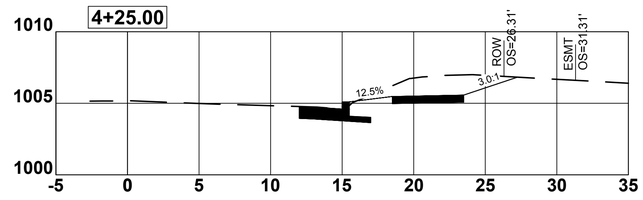


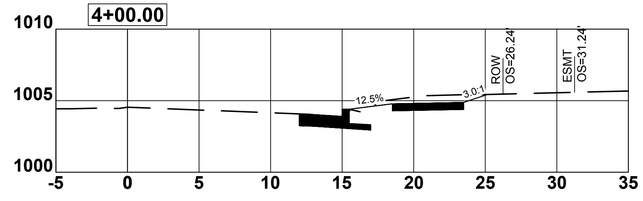
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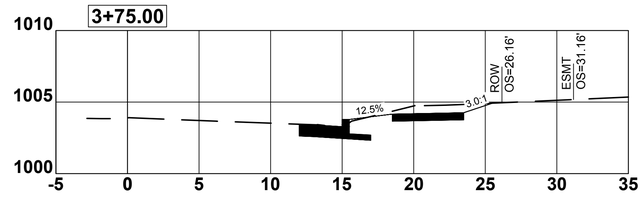
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Totals			151.65 Cu. Yd.	0.69 Cu. Yd.











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CITY OF Joplin

CITY OF JOPLIN, MISSOURI
PUBLIC WORKS DEPARTMENT
DIVISION OF ENGINEERING

ADDRESS: 602 S MAIN ST 64801
PH NO: 417-624-0820 EXT 530
FAX NO: 417-625-4738
E-MAIL: DHERTZBE@JOPLINMO.ORG

REV DATE:	REVISION:
10/2018	CREATED DWG

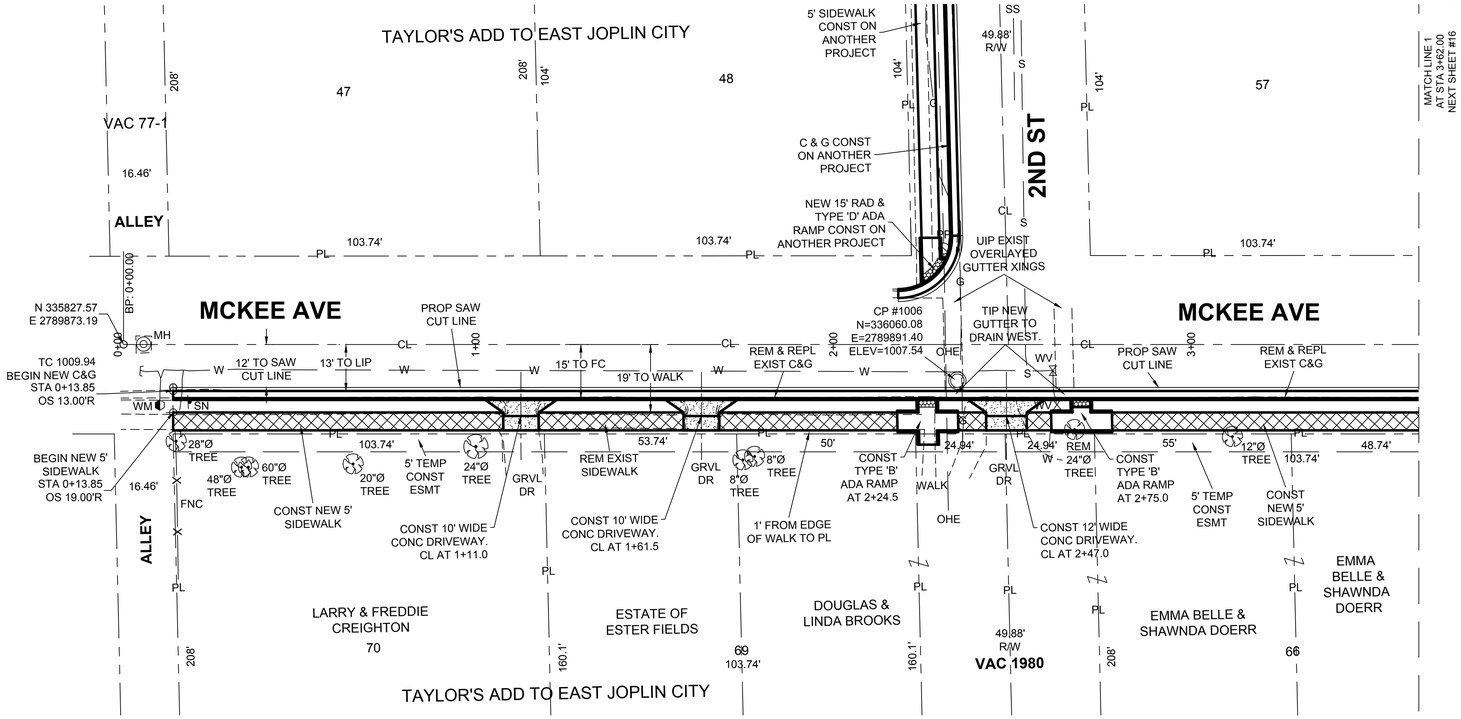
SVYD BY: AMA
PNT FILE: LIST PNTS.TXT
SVY DATE: 10/2018
ENGINEER: HERTZBERG

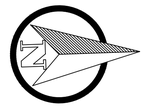
ACAD DWG FILE & PATH NAME: SIDEWALKS \ NID 1V \ 2ND
SCALES: HORZ: 1" = 5' VERT: 1" = 5'

DWN BY: STAFF
CKD BY: JOHNSON
APD BY: JOHNSON
DATE: 10/2018

PROJECT
NID IV CURB & SIDEWALK REPLACEMENT
X-SECTIONS - 2ND - COMINGO TO MCKEE

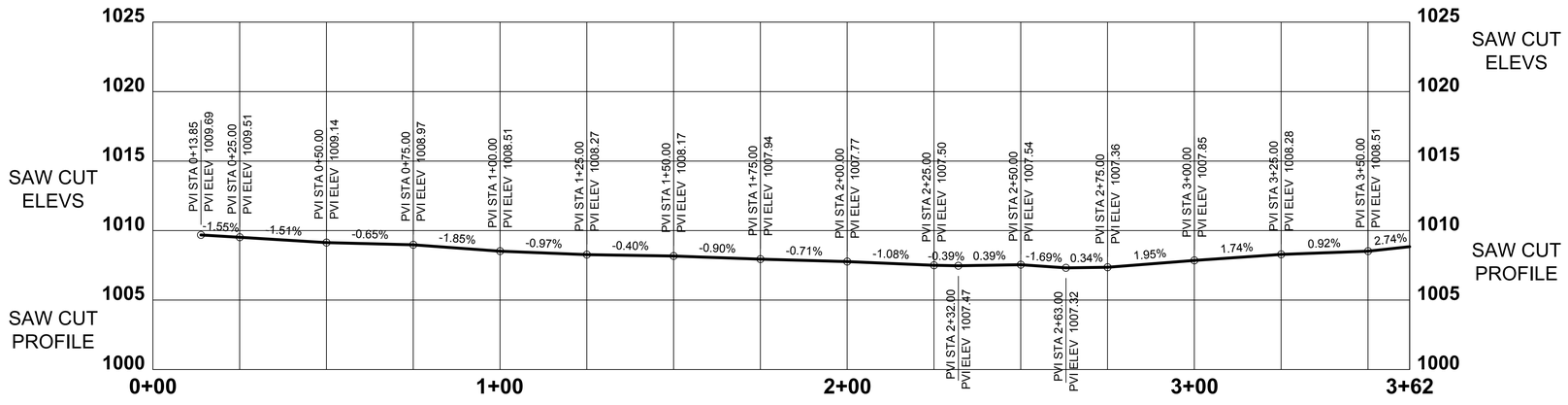
PLAN NO: 8522
SHEET
14





GENERAL NOTES:

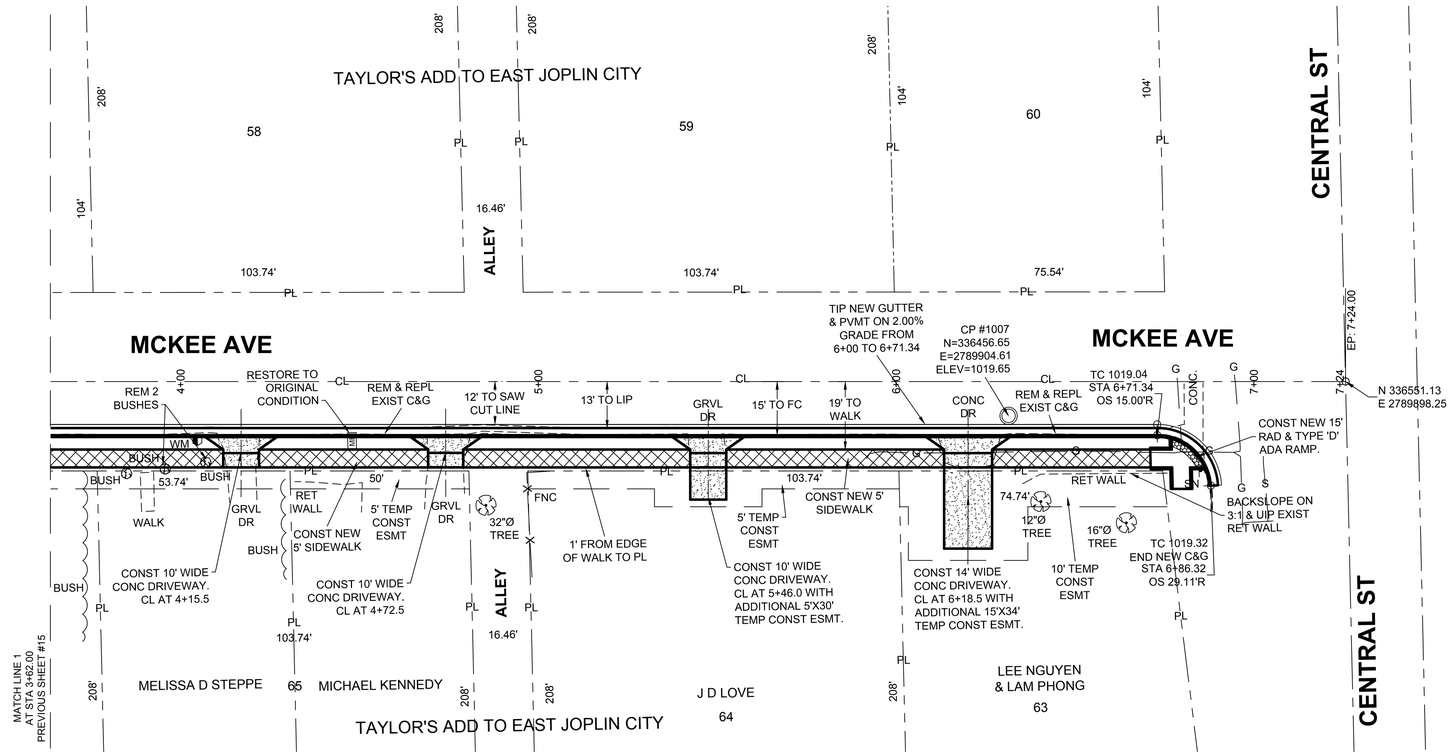
1. CONTRACTOR SHALL, AT HIS EXPENSE, SET & MAINTAIN ALL LINE & GRADE STAKES.
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MCKEE 3RD TO CENTRAL.dwg

CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801 PH NO: 417-624-0820 EXT 530 FAX NO: 417-625-4738 E-MAIL: DHERTZBE@JOPLINMO.ORG	REV DATE: 10/2018	REVISION: CREATED DWG	SVYD BY: AMA PNT FILE: LIST PNTS.TXT SVY DATE: 10/2018 ENGINEER: HERTZBERG	ACAD DWG FILE & PATH NAME: SIDEWALKS \ NID IV \ MCKEE SCALES: HORZ: 1" = 20' VERT: 1" = 5'	DWN BY: STAFF CKD BY: JOHNSON APD BY: JOHNSON DATE: 10/2018	PROJECT NID IV CURB & SIDEWALK REPLACEMENT STREET P & P - MCKEE - 3RD TO CENTRAL	PLAN NO: 8522 SHEET 15



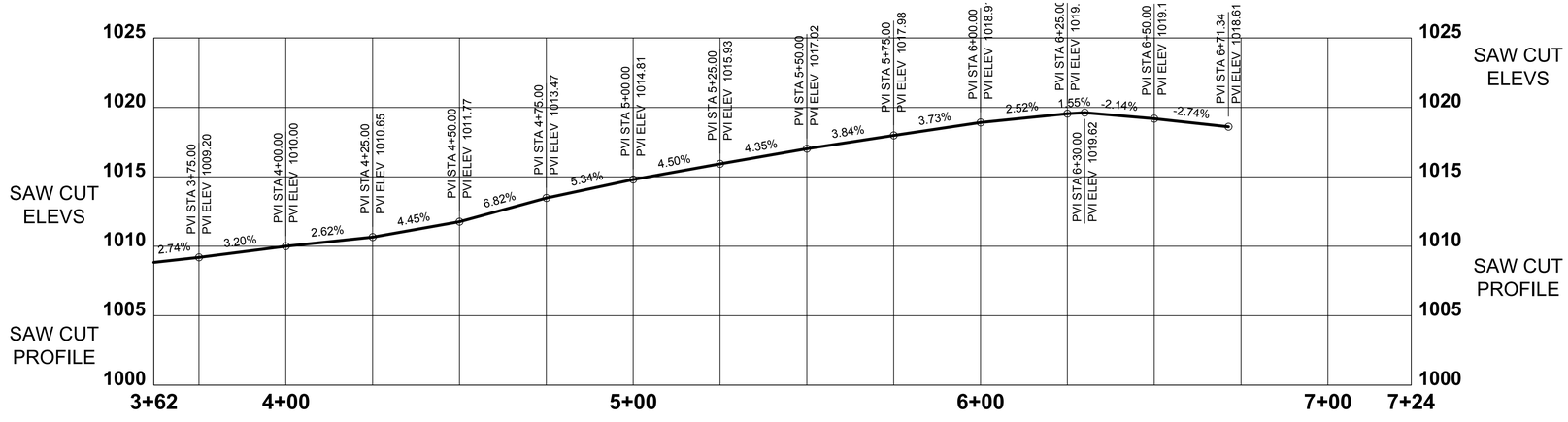
GRAPHIC SCALE

0 10 20 40

(IN FEET)
1 INCH = 20 FEET

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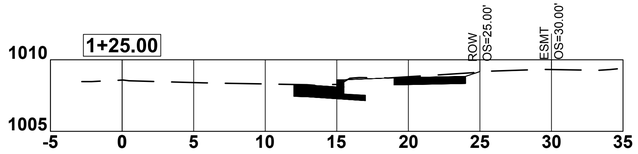
MISSOURI ONE CALL SYSTEM, INC. 1-800-344-7483 STOP - CALL BEFORE YOU DIG!

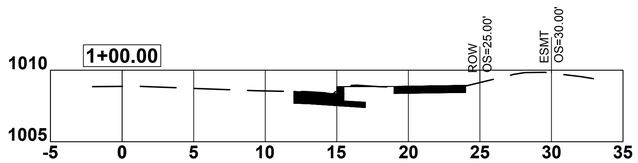
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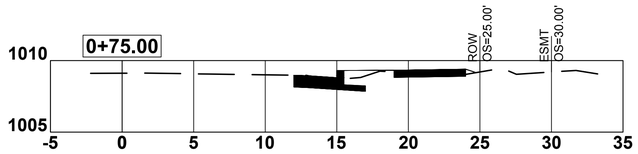
CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801 PH NO: 417-624-0820 EXT 530 FAX NO: 417-625-4738 E-MAIL: DHERTZBE@JOPLINMO.ORG	REV DATE: 10/2018	REVISION: CREATED DWG	SVYD BY: AMA PNT FILE: LIST PNTS.TXT SVY DATE: 10/2018 ENGINEER: HERTZBERG	ACAD DWG FILE & PATH NAME: SIDEWALKS \ NID IV \ MCKEE SCALES: HORZ: 1" = 20' VERT: 1" = 5'	DWN BY: STAFF CKD BY: JOHNSON APD BY: JOHNSON DATE: 10/2018

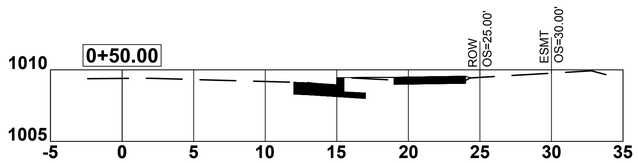
PROJECT
NID IV CURB & SIDEWALK REPLACEMENT
STREET P & P - MCKEE - 3RD TO CENTRAL

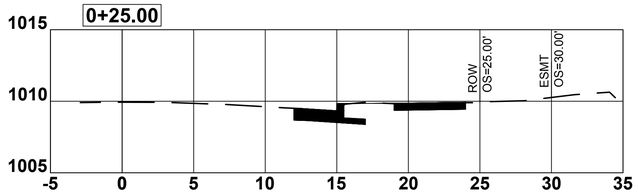
PLAN NO: 8522
SHEET 16

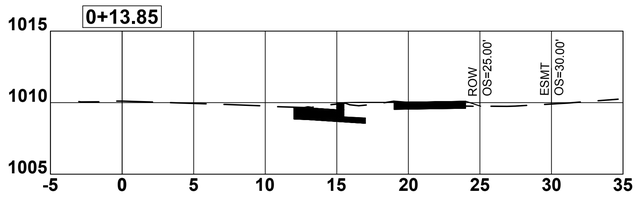


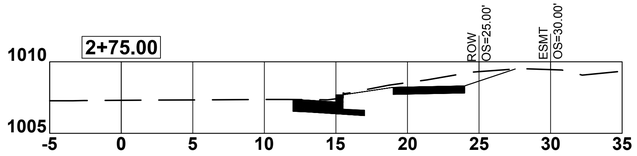


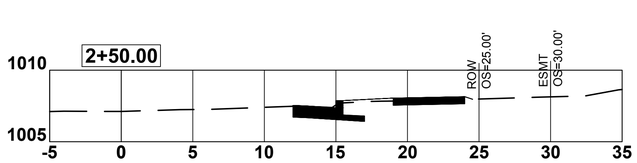


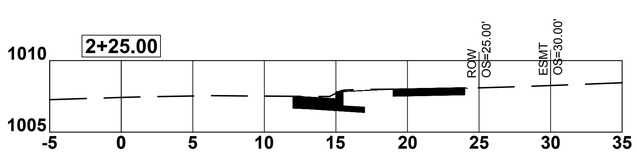


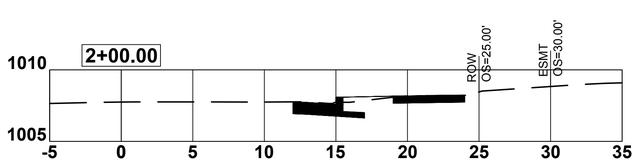


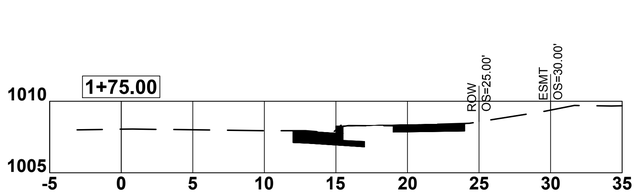


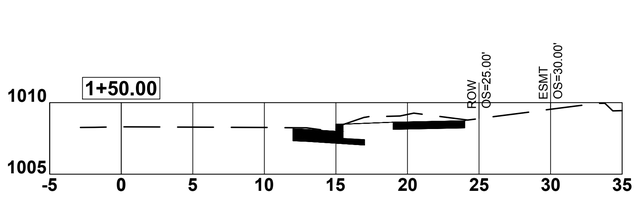


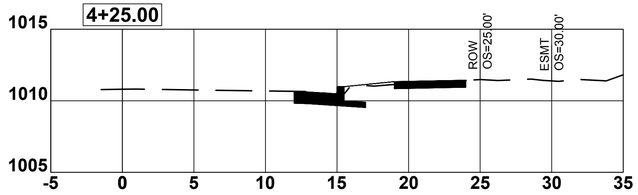


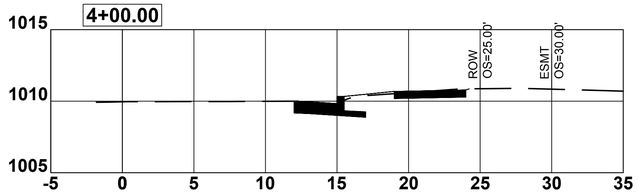


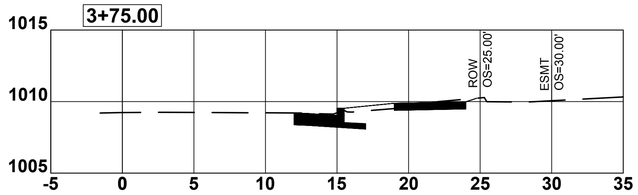


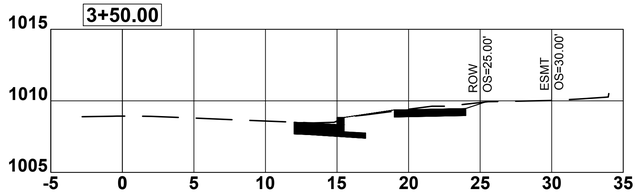


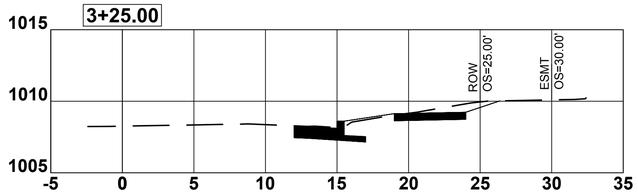


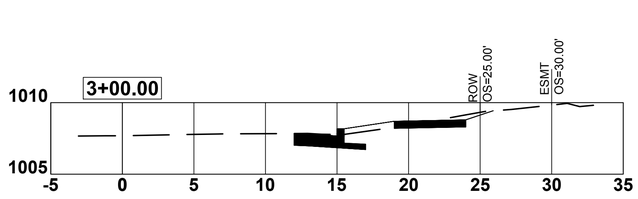












MCKEE 3RD TO CENTRAL.dwg

MISSOURI ONE CALL SYSTEM, INC. 1-800-344-7483 STOP! CALL BEFORE YOU DIG!

CITY OF Joplin

CITY OF JOPLIN, MISSOURI
PUBLIC WORKS DEPARTMENT
DIVISION OF ENGINEERING

ADDRESS: 602 S MAIN ST 64801	REV DATE:	REVISION:
PH NO: 417-624-0820 EXT 530	10/2018	CREATED DWG
FAX NO: 417-625-4738		
E-MAIL: DHERTZBE@JOPLINMO.ORG		

SVYD BY:	AMA
PNT FILE:	LIST PNTS.TXT
SVY DATE:	10/2018
ENGINEER:	HERTZBERG

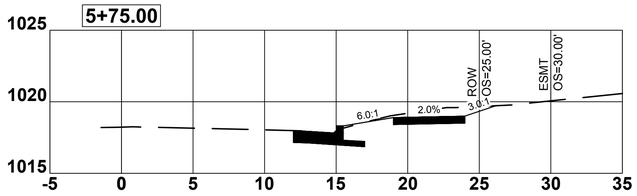
ACAD DWG FILE & PATH NAME: SIDEWALKS \ NIDIV \ MCKEE

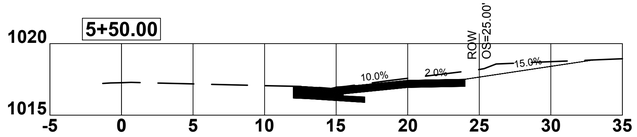
SCALES: HORZ: 1" = 5' VERT: 1" = 5'

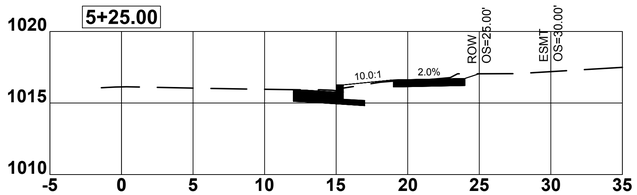
DWN BY:	STAFF
CKD BY:	JOHNSON
APD BY:	JOHNSON
DATE:	10/2018

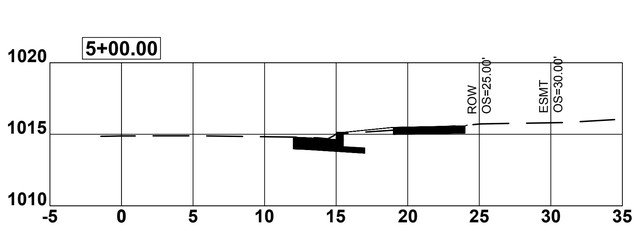
PROJECT
NID IV CURB & SIDEWALK REPLACMENT
X-SECTIONS - MCKEE - 3RD TO CENTRAL

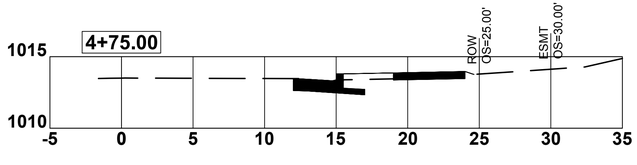
PLAN NO: 8522
SHEET
17

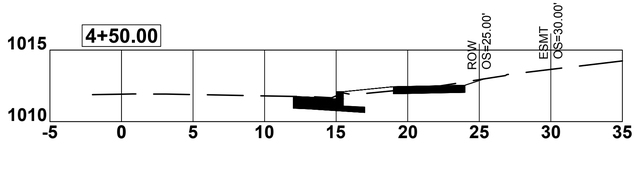






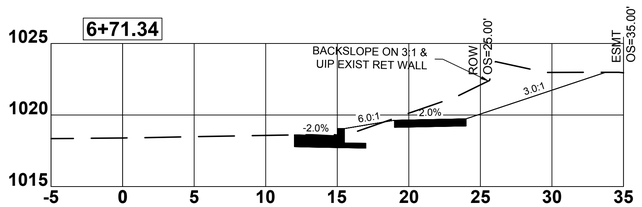


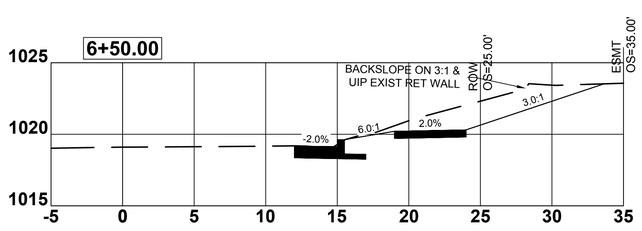


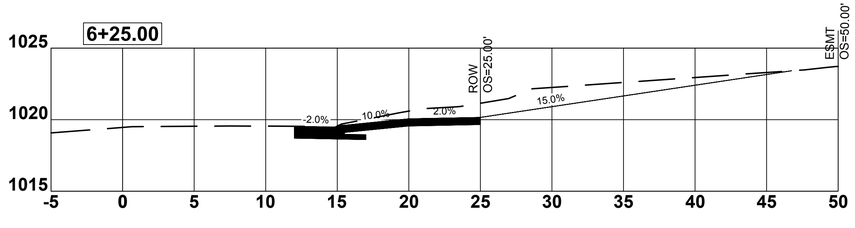


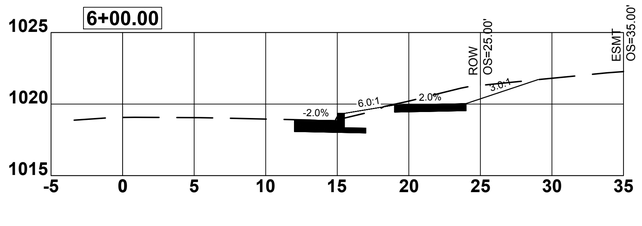
Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
COMPOSITE	**1.00**	**1.00**	9610.85 Sq. Ft.	246.44 Cu. Yd.	6.68 Cu. Yd.	239.76 Cu. Yd.<Cut>
Totals			9610.85 Sq. Ft.	246.44 Cu. Yd.	6.68 Cu. Yd.	239.76 Cu. Yd.<Cut>







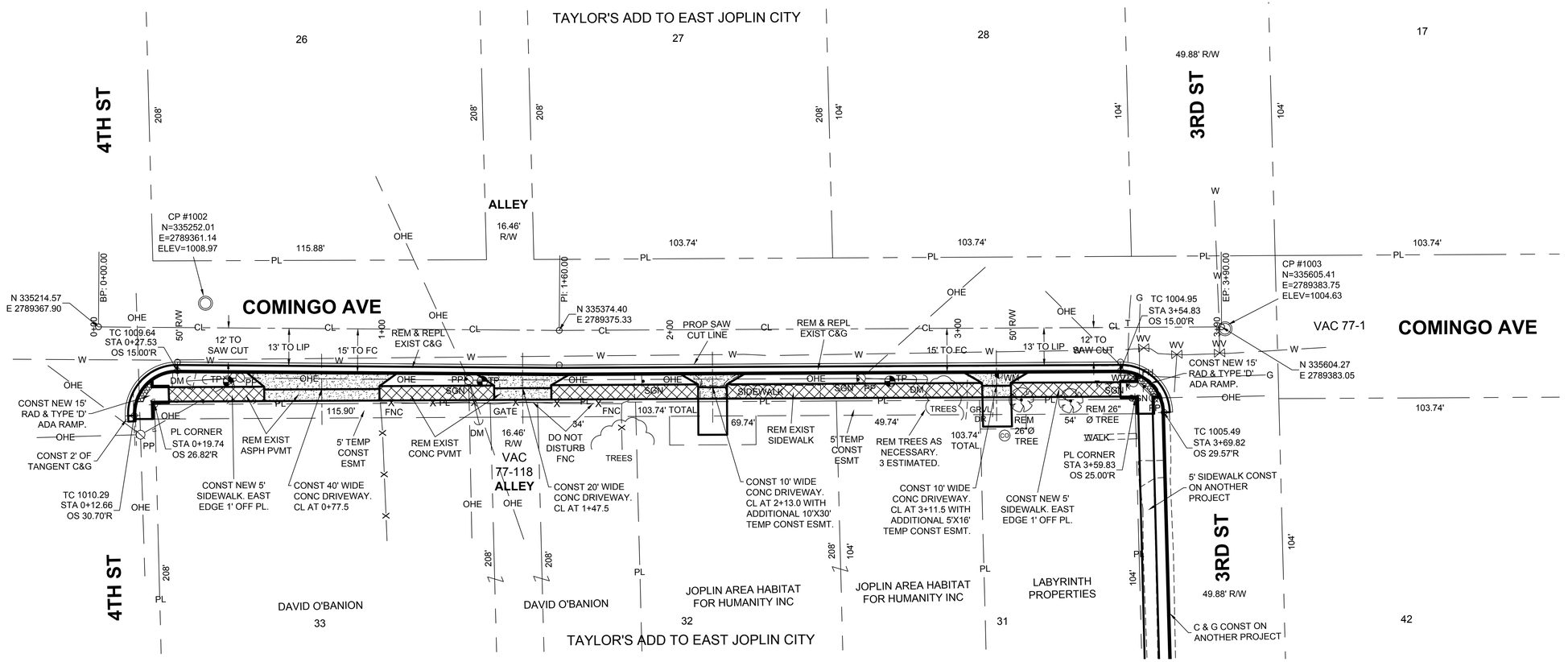


MCKEE 3RD TO CENTRAL.dwg

MISSOURI ONE CALL SYSTEM, INC. 1-800-344-7483 STOP - CALL BEFORE YOU DIG

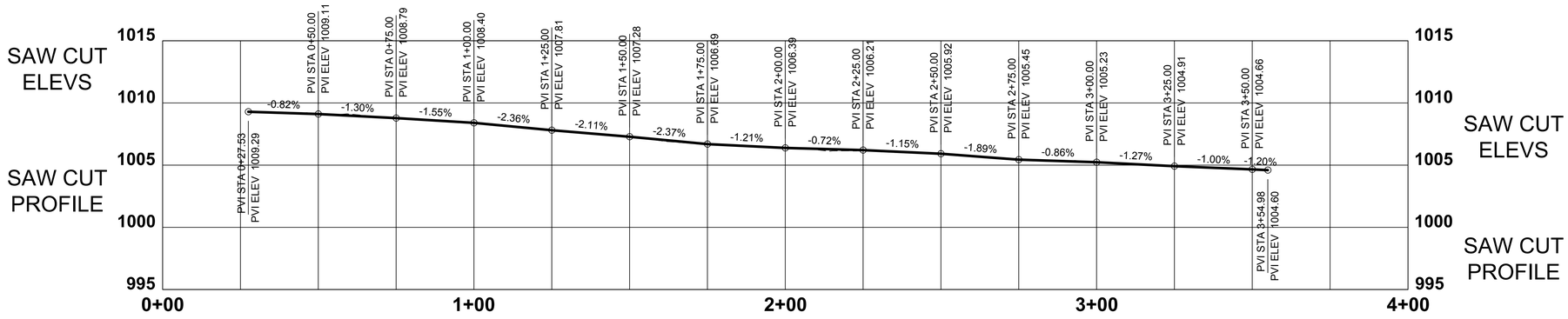
CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801 PH NO: 417-624-0820 EXT 530 FAX NO: 417-625-4738 E-MAIL: DHERTZBE@JOPLINMO.ORG	REV DATE: 10/2018	REVISION: CREATED DWG	SVYD BY: AMA PNT FILE: LIST PNTS.TXT SVY DATE: 10/2018 ENGINEER: HERTZBERG	ACAD DWG FILE & PATH NAME: SIDEWALKS \ NID IV \ MCKEE SCALES: HORZ: 1" = 5' VERT: 1" = 5'	DWN BY: STAFF CKD BY: JOHNSON APD BY: JOHNSON DATE: 10/2018	PROJECT NID IV CURB & SIDEWALK REPLACEMENT X-SECTIONS - MCKEE - 3RD TO CENTRAL	PLAN NO: 8522 SHEET 18

GRAPHIC SCALE
0 10 20 40
(IN FEET)
1 INCH = 20 FEET



GENERAL NOTES:

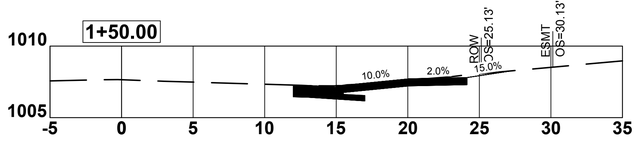
1. CONTRACTOR SHALL, AT HIS EXPENSE, SET & MAINTAIN ALL LINE & GRADE STAKES.
2. CONTRACTOR SHALL GRADE ALL EXISTING STREETS, ALLEYS, & DRIVES TO MEET NEW CONST.
3. CONTRACTOR SHALL FIELD VERIFY ALL UTILITY LOCATIONS BEFORE BEGINNING NEW CONST.
4. ALL WORK SHALL CONFORM TO THE CITY OF JOPLIN STD SPECS UNLESS OTHERWISE NOTED.
5. ALL WORK SHALL BE IN ACCORDANCE WITH THE WORK ZONE SAFETY GUIDELINES OF PART VI OF THE MUTCD & WITH THE BARRICADING SECTION OF THE CITY OF JOPLIN SAFETY MANUAL.
6. ALL PEDESTRIAN FACILITIES SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF THE ADA.
7. CONTRACTOR SHALL, AT HIS EXPENSE, PROVIDE ACCESS TO PRIVATE PROPERTY AT ALL TIMES.
8. CONTRACTOR SHALL, AT HIS EXPENSE, RETAIN THE SERVICES OF A PLS LICENSED IN MISSOURI, WHO SHALL BE RESPONSIBLE FOR RESTORING ANY INCIDENTALLY DAMAGED SURVEY MONUMENTS NOT SCHEDULED FOR REMOVAL AS PART OF CONST PROJECT. CONTRACTOR SHALL NOTIFY THE CITY OF JOPLIN OF ANY MONUMENTS DAMAGED BY ANY OUTSIDE PARTY.

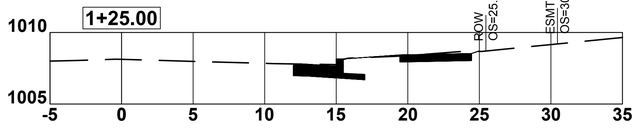


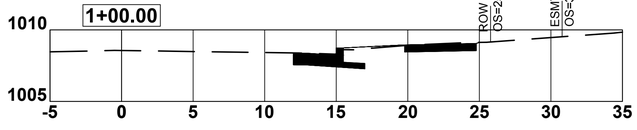
MISSOURI ONE CALL SYSTEM, INC
1-800-344-7483
STOP - CALL BEFORE YOU DIG

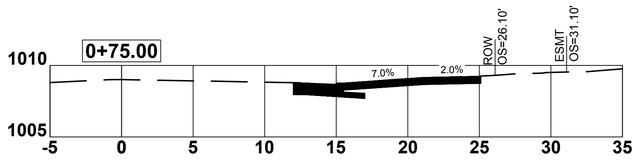
COMINGO 4TH TO 3RD.dwg

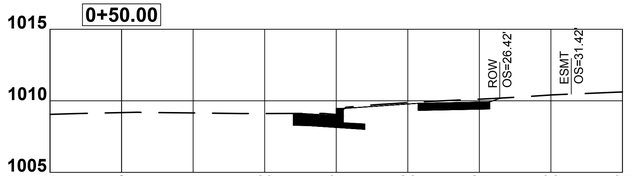
CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801 PH NO: 417-624-0820 EXT 530 FAX NO: 417-625-4738 E-MAIL: DHERTZBE@JOPLINMO.ORG	REV DATE: 10/2018	REVISION: CREATED DWG	SVYD BY: AMA PNT FILE: LIST PNTS.TXT SVY DATE: 10/2018 ENGINEER: HERTZBERG	ACAD DWG FILE & PATH NAME: SIDEWALKS \ NID IV \ COMINGO SCALES: HORZ: 1" = 20' VERT: 1" = 5'	DWN BY: STAFF CKD BY: JOHNSON APD BY: JOHNSON DATE: 10/2018	PROJECT NID IV CURB & SIDEWALK REPLACEMENT STREET P & P - COMINGO - 4TH TO 3RD	PLAN NO: 8522 SHEET 19

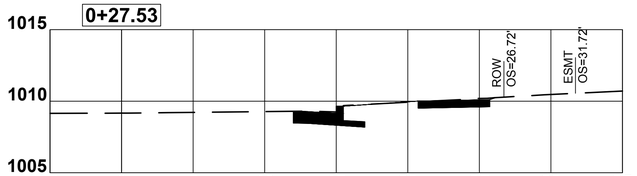


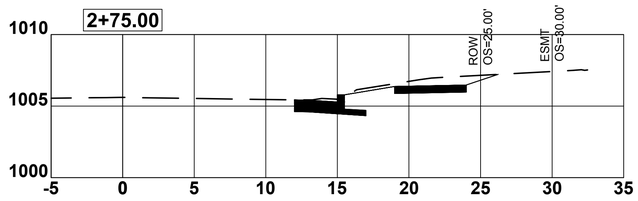


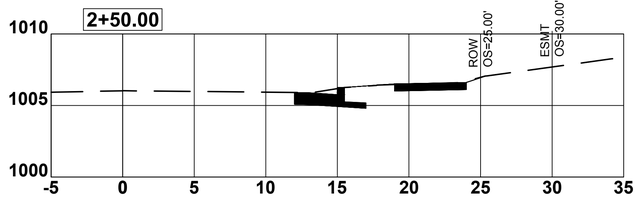


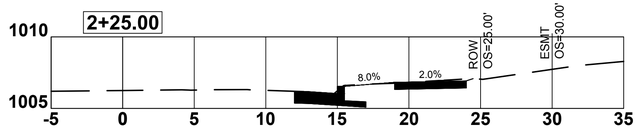


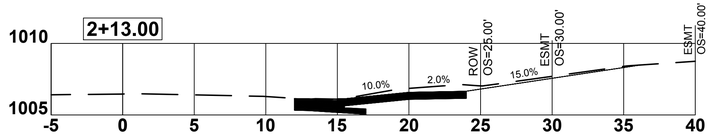


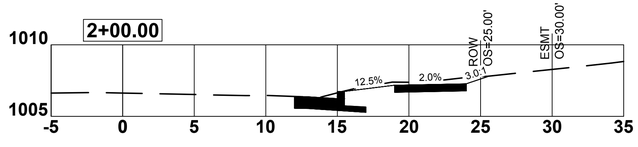


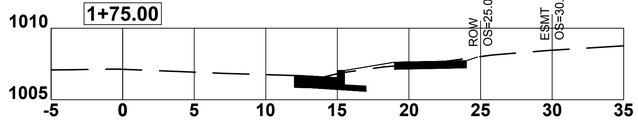






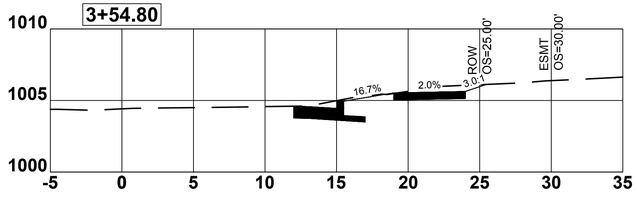


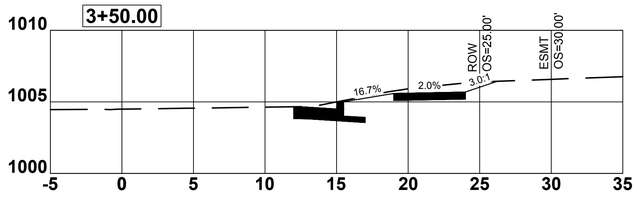


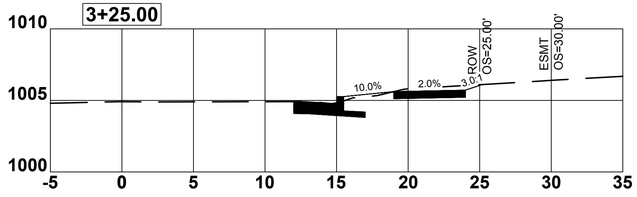


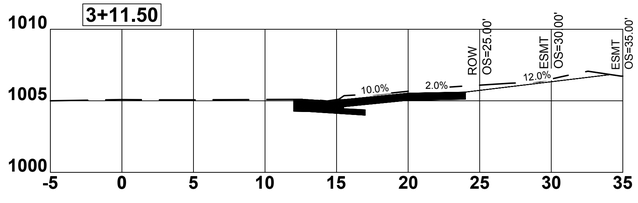
Cut/Fill Summary

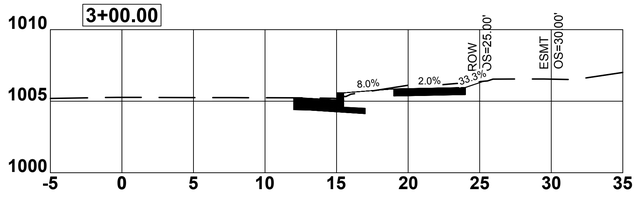
Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
COMPOSITE	**1.00**	**1.00**	4669.70 Sq. Ft.	109.45 Cu. Yd.	1.33 Cu. Yd.	108.11 Cu. Yd.<Cut>
Totals			4669.70 Sq. Ft.	109.45 Cu. Yd.	1.33 Cu. Yd.	108.11 Cu. Yd.<Cut>











MISSOURI ONE CALL SYSTEM, INC.
1-800-344-7483
STOP! CALL BEFORE YOU DIG

COMINGO 4TH TO 3RD.dwg

CITY OF Joplin

CITY OF JOPLIN, MISSOURI
PUBLIC WORKS DEPARTMENT
DIVISION OF ENGINEERING

ADDRESS: 602 S MAIN ST 64801
PH NO: 417-624-0820 EXT 530
FAX NO: 417-625-4738
E-MAIL: DHERTZBE@JOPLINMO.ORG

REV DATE:	REVISION:
10/2018	CREATED DWG

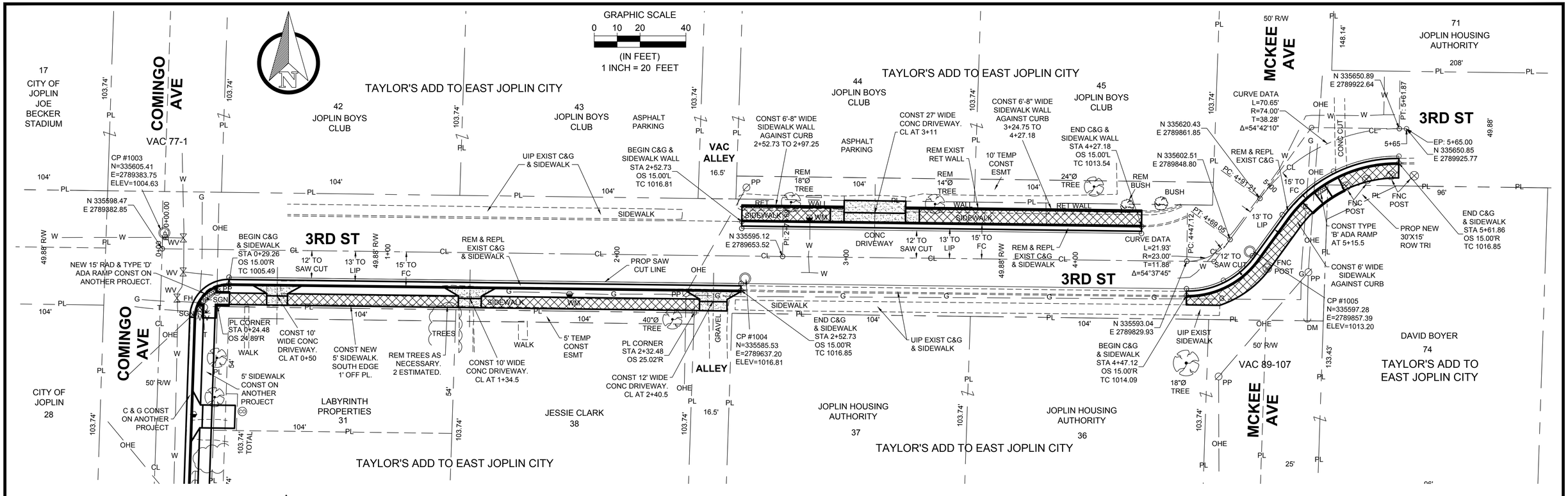
SVYD BY: AMA
PNT FILE: LIST PNTS.TXT
SVY DATE: 10/2018
ENGINEER: HERTZBERG

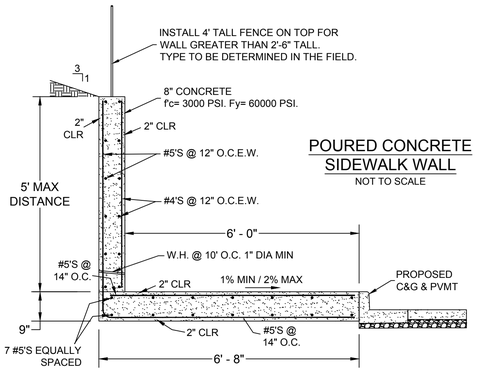
ACAD DWG FILE & PATH NAME: SIDEWALKS \ NID IV \ COMINGO
SCALES: HORZ: 1" = 5' VERT: 1" = 5'

DWN BY: STAFF
CKD BY: JOHNSON
APD BY: JOHNSON
DATE: 10/2018

PROJECT
NID IV CURB & SIDEWALK REPLACEMENT
X-SECTIONS - COMINGO - 4TH TO 3RD

PLAN NO: 8522
SHEET
20

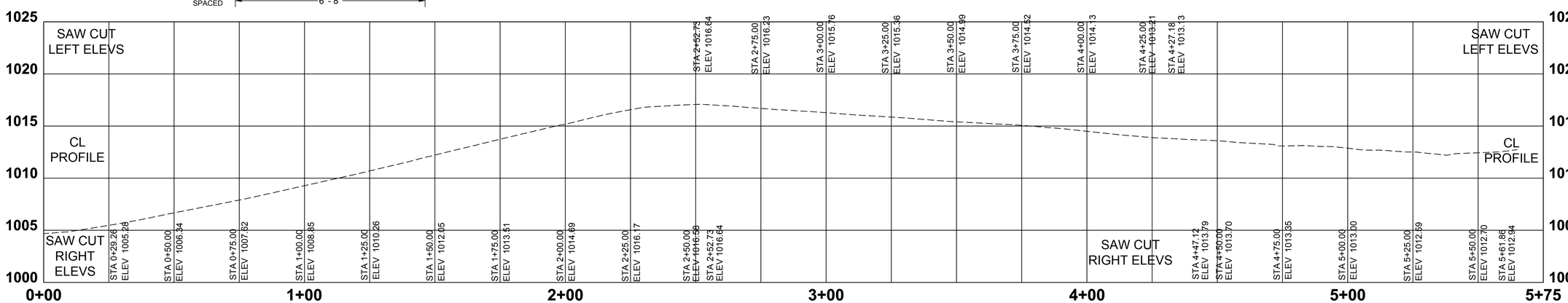




POURED CONCRETE SIDEWALK WALL
NOT TO SCALE

GENERAL NOTES:

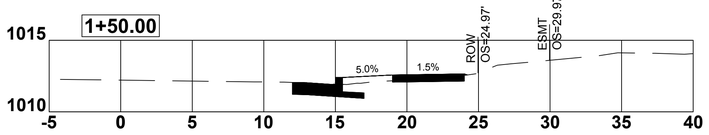
1. CONTRACTOR SHALL, AT HIS EXPENSE, SET & MAINTAIN ALL LINE & GRADE STAKES.
2. CONTRACTOR SHALL GRADE ALL EXISTING STREETS, ALLEYS, & DRIVES TO MEET NEW CONST.
3. CONTRACTOR SHALL FIELD VERIFY ALL UTILITY LOCATIONS BEFORE BEGINNING NEW CONST.
4. ALL WORK SHALL CONFORM TO THE CITY OF JOPLIN STD SPECS UNLESS OTHERWISE NOTED.
5. ALL WORK SHALL BE IN ACCORDANCE WITH THE WORK ZONE SAFETY GUIDELINES OF PART VI OF THE MUTCD & WITH THE BARRICADING SECTION OF THE CITY OF JOPLIN SAFETY MANUAL.
6. ALL PEDESTRIAN FACILITIES SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF THE ADA.
7. CONTRACTOR SHALL, AT HIS EXPENSE, PROVIDE ACCESS TO PRIVATE PROPERTY AT ALL TIMES.
8. CONTRACTOR SHALL, AT HIS EXPENSE, RETAIN THE SERVICES OF A PLS LICENSED IN MISSOURI, WHO SHALL BE RESPONSIBLE FOR RESTORING ANY INCIDENTALLY DAMAGED SURVEY MONUMENTS NOT SCHEDULED FOR REMOVAL AS PART OF CONST PROJECT. CONTRACTOR SHALL NOTIFY THE CITY OF JOPLIN OF ANY MONUMENTS DAMAGED BY ANY OUTSIDE PARTY.

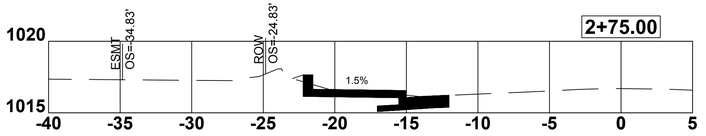


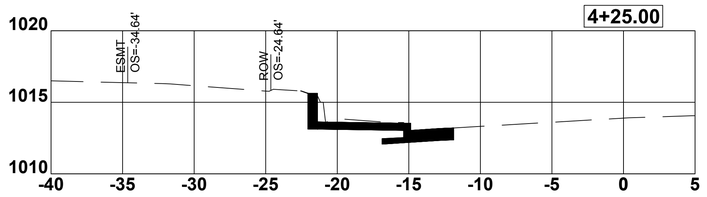
MISSOURI ONE CALL SYSTEM, INC. 1-800-344-7483 STOP. CALL BEFORE YOU DIG

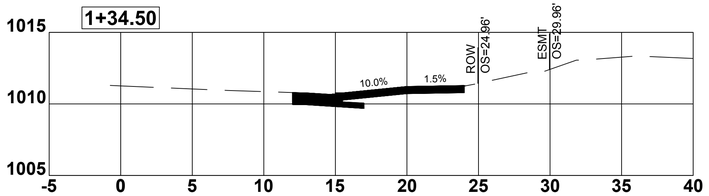
3RD COMINGO TO MCKEE.dwg

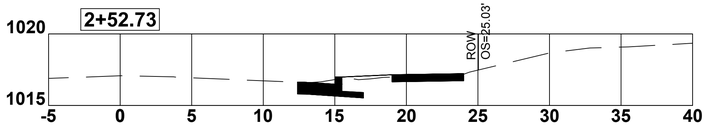
CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801 PH NO: 417-624-0820 EXT 530 FAX NO: 417-625-4738 E-MAIL: DHERTZBE@JOPLINMO.ORG	REV DATE: 10/2018	REVISION: CREATED DWG	SVYD BY: AMA PNT FILE: LIST PNTS.TXT SVY DATE: 10/2018 ENGINEER: HERTZBERG	ACAD DWG FILE & PATH NAME: SIDEWALKS \ NID IV \ 3RD SCALES: HORZ: 1" = 20' VERT: 1" = 5'	DWN BY: STAFF CKD BY: JOHNSON APD BY: JOHNSON DATE: 10/2018	PROJECT NID IV CURB & SIDEWALK REPLACEMENT STREET P&P - 3RD - COMINGO TO MCKEE	PLAN NO: 8522 SHEET 21

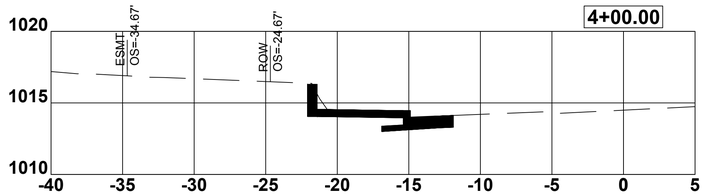


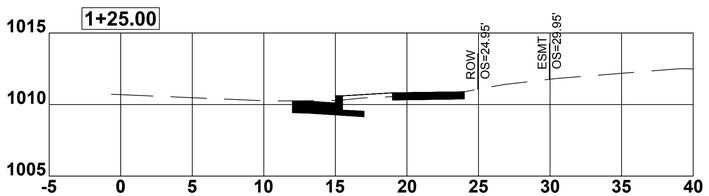


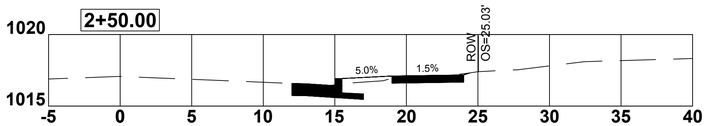


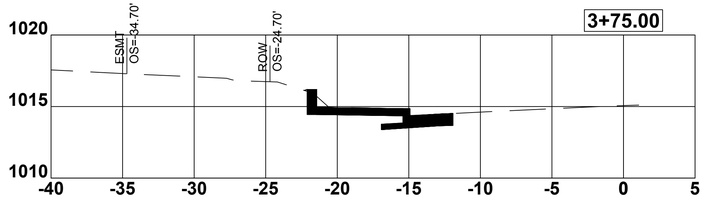


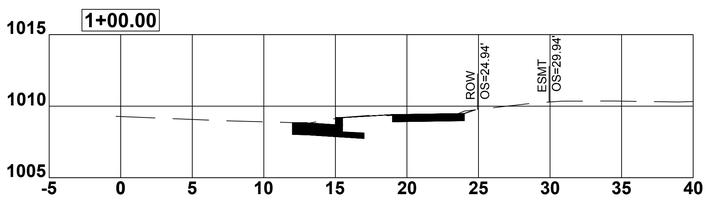


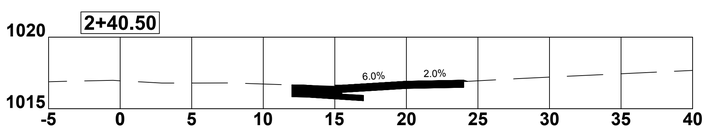


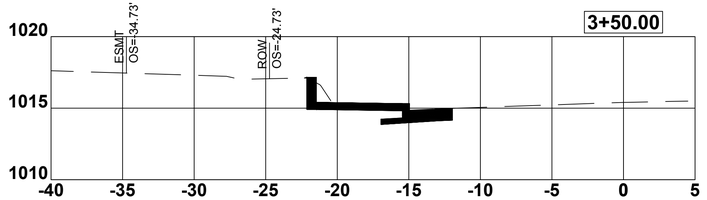


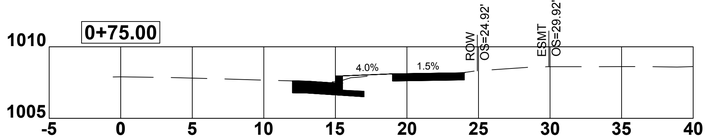


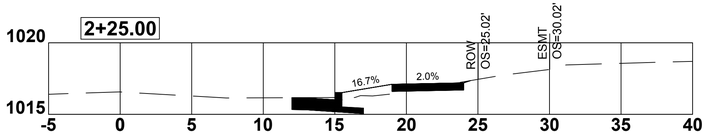


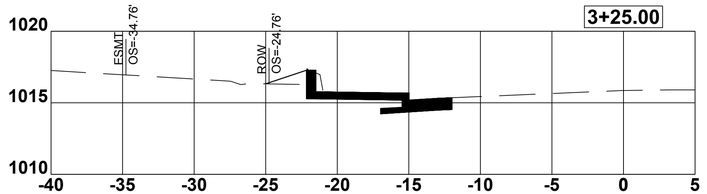


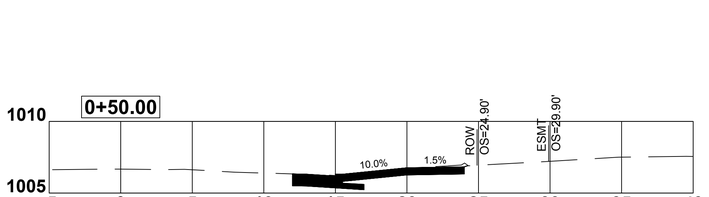


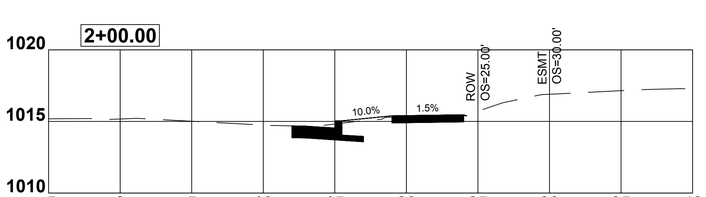




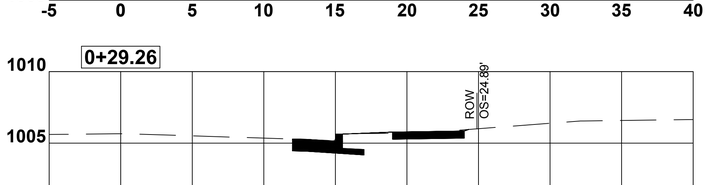


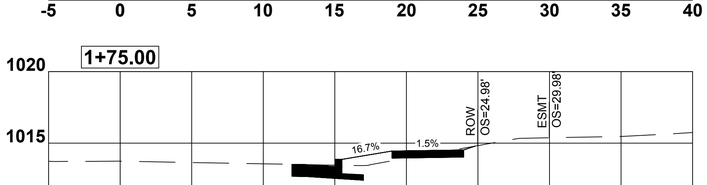


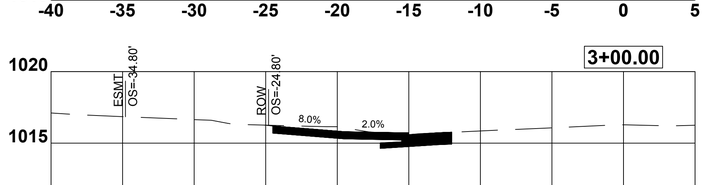












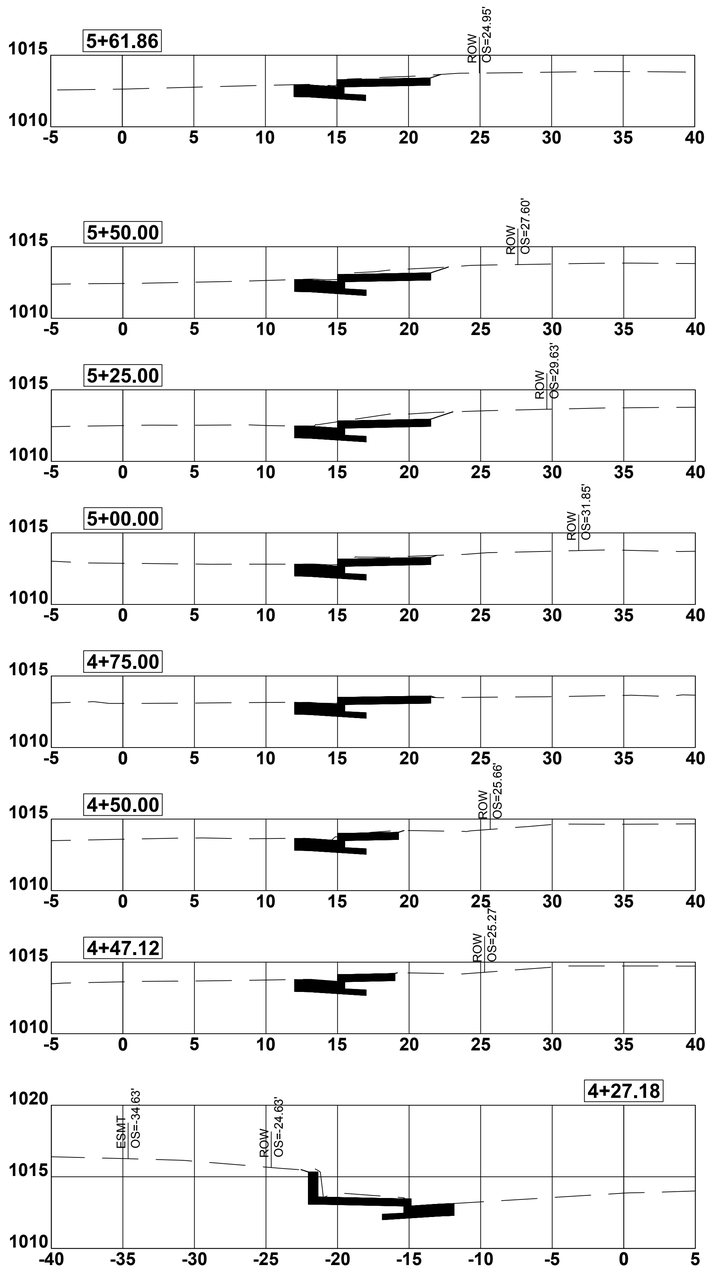
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CITY OF Joplin	CITY OF JOPLIN, MISSOURI PUBLIC WORKS DEPARTMENT DIVISION OF ENGINEERING	ADDRESS: 602 S MAIN ST 64801 PH NO: 417-624-0820 EXT 530 FAX NO: 417-625-4738 E-MAIL: DHERTZBE@JOPLINMO.ORG	REV DATE: 10/2018	REVISION: CREATED DWG	SVYD BY: AMA PNT FILE: LIST PNTS.TXT SVY DATE: 10/2018 ENGINEER: HERTZBERG	ACAD DWG FILE & PATH NAME: SIDEWALKS \ NID IV \ 3RD SCALES: HORZ: 1" = 5' VERT: 1" = 5'	DWN BY: STAFF CKD BY: JOHNSON APD BY: JOHNSON DATE: 10/2018	PROJECT NID IV CURB & SIDEWALK REPLACEMENT X-SECTIONS - 3RD - COMINGO TO MCKEE	PLAN NO: 8522 SHEET 22

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
COMPOSITE	**1.00**	**1.00**	5953.57 Sq. Ft.	154.07 Cu. Yd.	4.15 Cu. Yd.	149.93 Cu. Yd.<Cut>
Totals			5953.57 Sq. Ft.	154.07 Cu. Yd.	4.15 Cu. Yd.	149.93 Cu. Yd.<Cut>



3RD COMINGO TO MCKEE.dwg

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