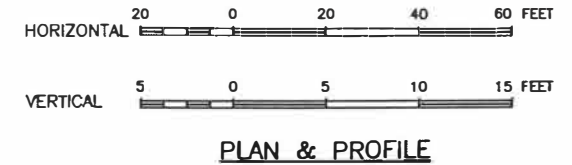


04-24-2020 LETTING ITEM 176

# CITY OF DIXON STREETS PROGRAM FY 2020

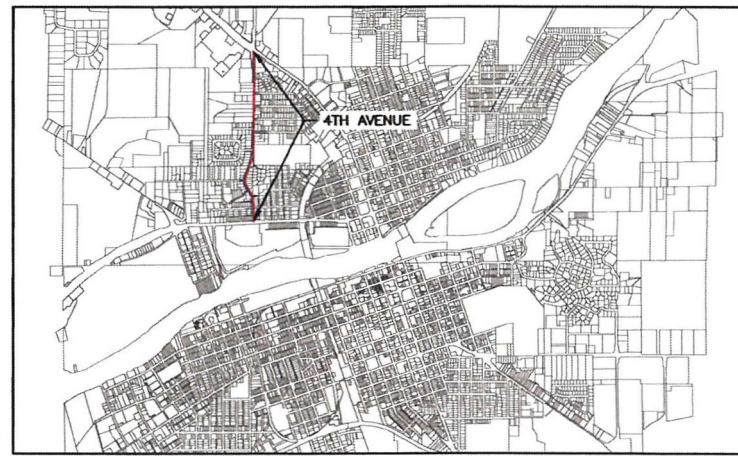
## FOR CITY OF DIXON DIXON, IL

PROPOSED STREET PLANS  
FAU 5494 (4TH AVENUE)  
LEE COUNTY  
PROJECT NO. X3H4 (717)  
JOB NO. C-92-078-19  
CONTRACT NO. 85693  
SECTION: 19-00180-00-RS



February 17, 2020  
SIGNATURE DATE

INDEX OF SHEETS	
SHEET NO.	SHEET TITLE
1	TITLE
2	SUMMARY OF QUANTITIES
3	SCHEDULE OF QUANTITIES
4	GENERAL NOTES
5	GENERAL NOTES
6	LEGEND
7	TYPICAL SECTIONS
8	TYPICAL SECTIONS
9	4TH AVENUE PLAN AND PROFILE STA. 40+00 TO 46+00
10	4TH AVENUE PLAN AND PROFILE STA. 46+00 TO 52+00
11	4TH AVENUE PLAN AND PROFILE STA. 52+00 TO 58+00
12	4TH AVENUE PLAN AND PROFILE STA. 58+00 TO 64+00
13	4TH AVENUE PLAN AND PROFILE STA. 64+00 TO 70+00
14	4TH AVENUE PLAN AND PROFILE STA. 70+00 TO 76+00
15	4TH AVENUE PLAN AND PROFILE STA. 76+00 TO 82+00
16	4TH AVENUE PLAN AND PROFILE STA. 82+00 TO 85+21
17	GRAHAM STREET PLAN AND PROFILE STA. 200+00 TO 202+00
18	PARK STREET PLAN AND PROFILE STA. 100+00 TO 102+22
19	ADA RAMPS - 4TH AVENUE & CENTER
20	ADA RAMPS - 4TH AVENUE & LONG
21	ADA RAMPS - 4TH AVENUE & SCHOOL
22	ADA RAMPS - 4TH AVENUE & HILL
23	ADA RAMPS - 4TH AVENUE & GRAHAM
24	ADA RAMPS - 4TH AVENUE & PROSPECT
25	ADA RAMPS - 4TH AVENUE & PARK
26	ADA RAMPS - 4TH AVENUE & FERRIS
27	ADA RAMPS - 4TH AVENUE & HUBBELL
28	TRAFFIC CONTROL PLAN - 4TH AVENUE
29	TRAFFIC CONTROL PLAN - 4TH AVENUE
30	4TH AVENUE - CROSS SECTIONS
31	PARK STREET CROSS SECTIONS
32	GRAHAM STREET CROSS SECTIONS
33	DETAILS
34	DETAILS
35	DETAILS



LOCATION MAP



	ADT	LENGTH
4TH AVENUE	5500	0.83 MILE

SPEED LIMIT = ≤ 30 MPH

# FEHR GRAHAM

ENGINEERING & ENVIRONMENTAL

ILLINOIS IOWA WISCONSIN

ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER: 184003525



UTILITIES	
UTILITY TYPE	COMMON NAME
WATER & SEWER	CITY OF DIXON
ELECTRIC	COMED
TELEPHONE	CENTURYLINK
GAS	NICOR
CABLE	XFINITY

(CONTRACTOR TO BE RESPONSIBLE FOR ANY ADJUSTMENTS TO BE MADE.)

AGENCY RESPONSIBLE FOR LETTING	
APPROVED	02/19/2020 <i>[Signature]</i> CITY OF DIXON
PASSED	2/24/2020 <i>[Signature]</i> DISTRICT #2 ENGINEER OF LOCAL ROAD & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	2/24/2020 <i>[Signature]</i> DEPUTY DIRECTOR OF HIGHWAYS, REGION #2 ENGINEER

**STANDARDS**

- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424006-04 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-04 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
- 424016-05 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 424021-05 DEPRESSED CORNER FOR SIDEWALKS
- 602701-02 MANHOLE STEPS
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24' (600 MM) FROM PAVEMENT EDGE
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24' (600 MM) FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 40 MPH
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS - FOR SPEEDS ≤ 40 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 720011-01 METAL POST FOR SIGNS, MARKERS AND DELINEATORS
- 728001-01 TELESCOPING STEEL SIGN SUPPORT
- 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
- 780001-05 TYPICAL PAVEMENT MARKINGS

PRELIMINARY

ORIGINAL SET FOR PROJECT: 18-433A		DATE CREATED: 10/25/19
REVISIONS		
REV. NO.	DESCRIPTION	DATE

SUMMARY OF QUANTITIES

19-00180-00-RS - CITY OF DIXON STREETS PROGRAM FY 2020 - SUMMARY OF QUANTITIES				FOURTH AVENUE	PARK STREET	GRAHAM STREET	
SP. PROV.	ITEM #	PAY ITEMS	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	CONSTRUCTION CODE	CONSTRUCTION CODE
				0005	0005	0005	0005
	20101400	NITROGEN FERTILIZER NUTRIENT	POUND	10	9	0.3	0.7
	20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	10	9	0.3	0.7
	20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	10	9	0.3	0.7
	20200100	EARTH EXCAVATION	CU YD	815	0	445	370
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	536	484	15	37
	25000110	SEEDING, CLASS 1A	ACRE	0.12	0.1	0.01	0.01
	25100630	EROSION CONTROL BLANKET	SQ YD	536	484	15	37
	28000500	INLET AND PIPE PROTECTION	EACH	25	25	0	0
	35101400	AGGREGATE BASE COURSE, TYPE B	TON	1087	165	443	479
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2815	0	1372	1443
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	13358	12795	274	289
	40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "C", N50	TON	2639	2423	105	111
	42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7"	SQ YD	251	55	100	96
	42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	3608	3608	0	0
	42400800	DETECTABLE WARNINGS	SQ FT	384	384	0	0
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1771	1771	0	0
	44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	13284	13075	209	0
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	198	65	37	96
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	823	823	0	0
	44000600	SIDEWALK REMOVAL	SQ FT	2832	2832	0	0
	44200050	WELDED WIRE REINFORCEMENT	SQ YD	251	55	100	96
	50800105	REINFORCEMENT BARS	POUND	14	0	14	0
Δ	50901760	PIPE HANDRAIL	FOOT	33	0	33	0
*	60255500	MANHOLES TO BE ADJUSTED	EACH	17	16	0	1
	60260100	INLETS TO BE ADJUSTED	EACH	4	4	0	0
	60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	1	0	0
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	18	18	0	0
	60500060	REMOVING INLETS	EACH	1	1	0	0
	60600605	CONCRETE CURB, TYPE B	FOOT	47	0	47	0
	60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	1557	823	328	406
	67100100	MOBILIZATION	L SUM	1	1	0	0
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	30	0	20	10
Δ	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7653	7653	0	0
Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	640	640	0	0
Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	69	69	0	0
Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	188	188	0	0
*	X0326806	WASHOUT BASIN	L SUM	1	1	0	0
*	X6024242	INLETS, SPECIAL, NO. 1	EACH	1	1	0	0
*	X7010216	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	L SUM	1	1	0	0
Δ	X8140115	HANDHOLE TO BE ADJUSTED	EACH	1	1	0	0
*	Z0012450	CONCRETE STEPS	CU YD	0.5	0	0.5	0

Δ SPECIALTY ITEMS



ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
SUMMARY OF QUANTITIES

SET TYPE: PRELIMINARY

JOB NUMBER:  
18-833A

SHEET NUMBER:  
2 of 35

**SCHEDULE OF QUANTITIES**

<b>20101400 - NITROGEN FERTILIZER NUTRIENT (LB)</b>	
PROJECT	10
<b>20101500 - PHOSPHORUS FERTILIZER NUTRIENT (LB)</b>	
PROJECT	10
<b>20101600 - POTASSIUM FERTILIZER NUTRIENT (LB)</b>	
PROJECT	10
<b>20200100 - EARTH EXCAVATION</b>	
PARK STREET	445
GRAHAM STREET	370
TOTAL:	815
<b>21101615 - TOPSOIL FURNISH AND PLACE, 4" (SY)</b>	
PROJECT	536
<b>25000110 - SEEDING, CLASS 1A (AC)</b>	
PROJECT	0.12
<b>25100630 - EROSION CONTROL BLANKET (SY)</b>	
PROJECT	536
<b>28000500 - INLET AND PIPE PROTECTION (EA)</b>	
PROJECT	25
<b>35101400 - AGGREGATE BASE COURSE, TYPE B (TN)</b>	
FOURTH AVENUE	165
PARK STREET	443
GRAHAM STREET	479
TOTAL:	1087
<b>42300300 - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH (SY)</b>	
52+41 LT	39
63+37 RT	16
<b>42300300 - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH (SY)</b>	
PARK STREET	
101+15 LT	81
101+44.5 - 101+92.8 LT	19
<b>42300300 - PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH (SY)</b>	
GRAHAM STREET	
201+07 LT	37
201+14 RT	11
201+84 LT	5
202+27 LT	28
202+27 RT	15
TOTAL:	251

<b>42400100 - PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SF)</b>	
43+06 - 43+32 LT	124
43+67 - 43+96 LT	123
51+00 - 51+28 LT	140
51+58 - 51+86 LT	124
52+18 - 52+61 LT	73
55+80 - 56+31 LT	292
56+00 - 56+42 RT	490
59+43 - 59+66 LT	176
59+68 - 59+73 RT	92
64+26 - 64+46 RT	139
64+83 - 65+07 RT	119
67+74 - 68+03 RT	150
68+30 - 68+67 RT	180
71+26 - 71+51 RT	101
71+79 - 72+09 RT	143
74+84 - 74+91 RT	131
75+25 - 75+47 RT	300
78+62 - 78+96 RT	361
79+30 - 79+56 RT	350
TOTAL:	3608
<b>42400800 - DETECTABLE WARNINGS (SF)</b>	
43+24	32
43+73	10
51+24	10
51+65	10
56+05	20
56+06	20
59+64	13
59+68	10
64+43	17
64+88	28
67+98	26
68+39	27
71+42	29
71+88	27
74+86	27
75+33	20
78+94	28
79+35	30
TOTAL:	384
<b>44000200 - DRIVEWAY PAVEMENT REMOVAL (SY)</b>	
44+41 LT	10
52+41 LT	39
63+32 RT	16
<b>44000200 - DRIVEWAY PAVEMENT REMOVAL (SY)</b>	
PARK STREET	
101+02 LT	18
101+28 LT	19
<b>44000200 - DRIVEWAY PAVEMENT REMOVAL (SY)</b>	
GRAHAM STREET	
201+07 LT	37
201+14 RT	11
201+84 LT	5
202+27 LT	28
202+27 RT	15
TOTAL:	198

<b>44000500 - COMBINATION CURB AND GUTTER REMOVAL (FT)</b>	
43+10.9 - 43+43 LT	42
43+66 - 43+82 LT	35
44+29.2 - 44+52 LT	23
51+09 - 51+31 LT	34
51+57 - 51+70 LT	25
52+18.8 - 52+61.8 LT	45
55+80.5 - 56+26.5 LT	45
55+93.3 - 56+17.8 RT	25
59+53.3 - 59+70.4 LT	24
59+60.8 - 59+75.5 RT	15
63+09.3 - 63+54.8 RT	45
63+34.7 - 64+49.7 RT	24
64+79 - 65+08.8 RT	36
67+74.1 - 68+07 RT	40
68+27.9 - 68+62.1 RT	40
71+29.9 - 71+53 RT	23
71+76 - 72+05.1 RT	35
74+74.7 - 74+95 RT	28
75+26 - 75+47.4 RT	62
76+33 - 76+56.3 RT	23
77+06.5 - 77+30.4 RT	24
78+24.3 - 79+01.8 RT	88
79+27 - 79+56 RT	42
TOTAL:	823
<b>44000600 - SIDEWALK REMOVAL (SF)</b>	
43+06 - 43+32 LT	100
43+67 - 43+96 LT	99
51+00 - 51+28 LT	112
51+58 - 51+86 LT	100
52+18 - 52+61 LT	73
55+80 - 56+31 LT	182
56+00 - 56+42 RT	392
59+43 - 59+66 LT	141
59+68 - 59+73 RT	74
64+26 - 64+46 RT	111
64+83 - 65+07 RT	96
67+74 - 68+03 RT	120
68+30 - 68+67 RT	144
71+26 - 71+51 RT	81
71+79 - 72+09 RT	94
74+84 - 74+91 RT	105
75+25 - 75+47 RT	239
78+62 - 78+96 RT	289
79+30 - 79+56 RT	280
TOTAL:	2832
<b>44200050 - WELDED WIRE REINFORCEMENT (SY)</b>	
52+41 LT	39
63+32 RT	16
<b>44200050 - WELDED WIRE REINFORCEMENT (SY)</b>	
PARK STREET	
101+15	81
101+44.5 - 101+92.8 LT	19
<b>44200050 - WELDED WIRE REINFORCEMENT (SY)</b>	
GRAHAM STREET	
201+07 LT	37
201+14 RT	11
201+84 LT	5
202+27 LT	28
202+27 RT	15
TOTAL:	251

<b>50800105 - REINFORCEMENT BARS (LB)</b>	
PARK STREET	
101+14 RT	14
TOTAL:	14
<b>* 60255500 - MANHOLES TO BE ADJUSTED (EA)</b>	
41+44	1
41+51	1
41+53	1
43+53	1
43+54	1
43+56	1
43+92	1
46+38	1
48+90	1
51+44	1
51+84	1
55+08	1
65+65	1
71+66	1
75+30	1
79+15	1
GRAHAM STREET	
200+80.9	1
TOTAL:	17
<b>60260100 - INLETS TO BE ADJUSTED (EA)</b>	
43+84	1
51+72	1
68+30	1
83+93	1
TOTAL:	4
<b>60260300 - INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID (EA)</b>	
78+92	1
<b>60266600 - VALVE BOXES TO BE ADJUSTED (EA)</b>	
43+30	1
43+41	1
43+51	1
43+84	1
48+71	1
51+37	1
55+95	1
64+47	1
64+48	1
64+84	1
68+19	1
68+27	1
68+35	1
71+46	1
71+74	1
74+97	1
78+93	1
78+95	1
TOTAL:	18

<b>60500060 - REMOVING INLETS (EA)</b>	
75+28	1
<b>60600605 - CONCRETE CURB, TYPE B (FT)</b>	
PARK STREET	
101+40.8 - 101+87.9	47
<b>60604400 - COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.18 (FT)</b>	
43+10.9 - 43+43 LT	42
43+66 - 43+82 LT	35
44+29.2 - 44+52 LT	23
51+09 - 51+31 LT	34
51+57 - 51+70 LT	25
52+18.8 - 52+61.8 LT	45
55+80.5 - 56+26.5 LT	45
55+93.3 - 56+17.8 RT	25
59+53.3 - 59+70.4 LT	24
59+60.8 - 59+75.5 RT	15
63+09.3 - 63+54.8 RT	45
63+34.7 - 64+49.7 RT	24
64+79 - 65+08.8 RT	36
67+74.1 - 68+07 RT	40
68+27.9 - 68+62.1 RT	40
71+29.9 - 71+53 RT	23
71+76 - 72+05.1 RT	35
74+74.7 - 74+95 RT	28
75+26 - 75+47.4 RT	62
76+33 - 76+56.3 RT	23
77+06.5 - 77+30.4 RT	24
78+24.3 - 79+01.8 RT	88
79+27 - 79+56 RT	42
PARK STREET	
100+52 - 101+92.9 LT	141
100+50 - 102+35 RT	187
GRAHAM STREET	
200+37.91 - 202+36.38 RT	198
200+28.96 - 202+36.38 LT	208
TOTAL:	1557
<b>67100100 - MOBILIZATION (LS)</b>	
PROJECT	1
<b>70103815 - TRAFFIC CONTROL SURVEILLANCE (CAL DA)</b>	
PARK STREET	20
GRAHAM STREET	10
TOTAL:	30
<b>78000200 - THERMOPLASTIC PAVEMENT MARKING - LINE 4" (FT)</b>	
40+75 - 43+18	579
43+83 - 46+40	515
46+30 - 48+36	313
48+90 - 51+18	453
51+71 - 55+15	684
55+63 - 56+02	71
56+12 - 59+53	684
60+25 - 64+43.4	841
64+95.3 - 65+28.5	67
65+97.7 - 67+94.3	393
68+42.1 - 71+36.2	588
71+97.4 - 74+81.2	580
75+44.1 - 48+82.5	677
79+42.5 - 84+39	1208
TOTAL:	7653

<b>78000400 - THERMOPLASTIC PAVEMENT MARKING - LINE 6" (FT)</b>	
43+27.4 - 43+70.5 LT	75
51+27.4 - 51+62.5 LT	66
56+05	90
59+62.7	28
59+68.8	32
64+49.2 - 64+86.1 RT	65
67+99.9 - 68+37.1 RT	62
71+45.2 - 71+86.7 RT	70
74+87.9 - 75+35.8 RT	84
78+95.5 - 79+33.2 RT	67
TOTAL:	640
<b>78000600 - THERMOPLASTIC PAVEMENT MARKING - LINE 12" (FT)</b>	
41+71 - 42+72	43
83+69 - 84+29	26
TOTAL:	69
<b>78000650 - THERMOPLASTIC PAVEMENT MARKING - LINE 24" (FT)</b>	
43+47	15
43+60	13
46+61	10
48+57	11
51+38	14
55+48	12
55+81.2	13
56+31.2	14
59+78	16
64+73	12
65+55	16
68+23	7
71+71	10
75+20	13
79+22	11
TOTAL:	188
<b>* X0326806 - WASHOUT BASIN (LS)</b>	
PROJECT	1
<b>* X6024242 - INLETS, SPECIAL, NO. 1 (EA)</b>	
75+28	1
<b>* X7010216 - TRAFFIC CONTROL AND PROTECTION (SPECIAL) (LS)</b>	
PROJECT	1
<b>* X8140115 - HANDHOLE TO BE ADJUSTED (EA)</b>	
64+50 RT	1
<b>* Z0012450 - CONCRETE STEPS (CY)</b>	
PARK STREET	
101+14 RT	0.5



ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
SCHEDULE OF QUANTITIES  
SET TYPE: PRELIMINARY  
G:\C30\18\18-833A\Plans\18-833 A - PLANS.dwg, SCHED.1

JOB NUMBER:  
18-833A  
SHEET NUMBER:  
3 of 35

**GENERAL NOTES**

- THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MUNICIPAL CODE, CITY OF DIXON, ILLINOIS, CURRENT EDITION, THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION, "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," CURRENT EDITION, SPECIAL PROVISIONS AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", CURRENT EDITION. SIGN CONSTRUCTION AND PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION.
- IN THESE CONTRACT DOCUMENTS MENTION IS MADE OF THE "ENGINEER", WHICH SHALL MEAN FEHR GRAHAM OR THEIR DULY AUTHORIZED AGENT. IN THESE CONTRACT DOCUMENTS MENTION IS MADE OF THE "OWNER", WHICH SHALL MEAN CITY OF DIXON, OR THEIR DULY AWARDED AGENT.
- AS PART OF THE BIDDING PROCEDURE, THE CONTRACTOR SHALL VERIFY THAT THE QUANTITIES FOR PAY ITEMS, AS PRESENTED IN THESE PLAN DOCUMENTS, ARE SUBSTANTIALLY CORRECT. IF DISCREPANCIES ARE DETECTED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE DISCREPANCY PRIOR TO THE BID DATE.
- QUANTITIES SHOWN ARE ESTIMATES FOR INFORMATION ONLY. PAYMENT WILL BE BASED ON ACTUAL QUANTITIES MEASURED IN THE FIELD OR ON PAYMENT LIMIT DETAILS.
- THE CONTRACTOR SHALL BE PAID FOR MATERIALS AND EQUIPMENT SUCCESSFULLY INSTALLED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AS MEASURED OR VERIFIED IN PLACE BY THE ENGINEER OR HIS AGENT.
- IN CASE OF CONFLICT BETWEEN THE ABOVE MENTIONED SPECIFICATIONS, THE ENGINEER SHALL DETERMINE WHICH OF THE SPECIFICATIONS SHALL GOVERN. THE ENGINEER'S DECISION SHALL BE FINAL AND NO ADDITIONAL COMPENSATION SHALL BE AWARDED UNLESS APPROVED BY THE ENGINEER.
- THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS AS APPROVED BY THE OWNER. IMPROVEMENT REPRESENTATIONS AS SHOWN ON THESE PLANS, ARE AS ACCURATE AS POSSIBLE FROM THE INFORMATION AVAILABLE. HOWEVER SOME FIELD REVISIONS MAY BE REQUIRED TO ACCOMMODATE UNFORESEEN CIRCUMSTANCES - THE ENGINEER SHALL BE ADVISED OF ANY NECESSARY REVISIONS WITH SUFFICIENT LEAD TIME ALLOWED TO PROPERLY CONSIDER AND ACT UPON SAID REQUESTS. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED IN CONSTRUCTING THOSE IMPROVEMENTS WILL BE DETAILED IN THIS ENGINEERING PLAN.
- THE ENGINEER SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE OR REJECT THE WORKMANSHIP AND/OR MATERIALS WHICH GO TO MAKE UP IMPROVEMENTS AS DETAILED IN THESE PLANS AND SPECIFICATIONS.
- GENERAL SAFETY PROVISION: TO PROVIDE DRIVERS WITH SAFE TRAVEL CONDITIONS DURING THE CONSTRUCTION PROJECT, AND TO PROVIDE SAFE WORKING CONDITIONS FOR ALL EMPLOYEES, THE RULES, REGULATIONS, AND CONDITIONS STATED BELOW WILL PREVAIL FOR THE DURATION OF THIS CONTRACT. ANY EMPLOYEE OF THE CONTRACTOR OR HIS SUBCONTRACTORS WHO REFUSES TO COMPLY WITH THESE GENERAL SAFETY PROVISIONS SHALL BE REMOVED FROM THE JOB SITE IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS. THE CONTRACTOR AND ANY SUBCONTRACTORS RETAINED BY HIM SHALL COMPLY WITH THE STATE AND FEDERAL REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA), JULY 1, 1987 AS IT RELATES TO CONTRACTOR'S OPERATIONS.
- THE CONTRACTOR SHALL COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR WILL NOT BE ALLOWED TO BUILD FIRES ON THE SITE.
- THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS NOT THE REDUCED SIZE PLANS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN DRAINAGE FLOWS AT ALL TIMES DURING THE PERFORMANCE OF THE WORK. METHODS USED BY THE CONTRACTOR SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. COST OF MAINTAINING DRAINAGE FLOWS SHALL BE INCIDENTAL TO THE CONTRACT.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR DISTURBED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS, MONUMENTS AND RIGHT-OF-WAY PINS UNTIL THE OWNER, AND AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR RE-ESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS. REPLACEMENT OF MONUMENTS WILL BE DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL REMOVE, STORE, AND RELOCATE TO THE SATISFACTION OF THE ENGINEER ALL EXISTING SIGNAGE IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS, AND CONSIDER THIS AS INCIDENTAL TO THE CONTRACT.
- OUTSIDE THE EXISTING RIGHT-OF-WAY, THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING SIGNS OUTSIDE THE RIGHT-OF-WAY. ANY SIGNS REMOVED FOR CONSTRUCTION PURPOSES SHALL BE CAREFULLY REMOVED AND RE-ERECTED BY THE CONTRACTOR AT A LOCATION NEAREST TO THE ORIGINAL LOCATION, OR AT A LOCATION DETERMINED BY THE ENGINEER IN THE FIELD. REMOVAL AND RE-ERECTED SIGNS AND ANY DAMAGE DONE TO EXISTING SIGNS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL EXPENSE TO THE OWNER.
- ALL ITEMS SHALL INCLUDE ALL THE NECESSARY MATERIALS AND LABOR TO COMPLETE THE ITEM IN PLACE. MATERIALS AND LABOR NOT SPECIFICALLY IDENTIFIED SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- AT THE END OF EACH DAY, THE CONTRACTOR SHALL SECURE THE CONSTRUCTION WORK ZONE FROM POTENTIAL INTRUDERS.
- THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATIONS OF THE BENCHMARKS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL ALSO FIELD VERIFY LOCATION, ELEVATION AND SIZE OF EXISTING UTILITIES, AND VERIFY PAVEMENT ELEVATIONS WHERE MATCHING INTO EXISTING WORK. THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL CONTROL BY REFERENCING SHOWN COORDINATES TO KNOWN PROPERTY LINES. NOTIFY ENGINEER OF DISCREPANCIES IN EITHER VERTICAL OR HORIZONTAL CONTROL PRIOR TO PROCEEDING WITH WORK.
- THE CONTRACTOR SHALL CONTACT THE ENGINEER OF ANY ERRORS OR DISCREPANCIES WHICH MAY BE SUSPECTED IN LINES AND GRADES, AND SHALL NOT PROCEED WITH THE WORK UNTIL ALL LINES AND GRADES WHICH ARE BELIEVED TO BE IN ERROR HAVE BEEN VERIFIED OR CORRECTED BY THE ENGINEER OR HIS REPRESENTATIVE.
- THE ENGINEER AND OWNER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCE OR PROCEDURES, TIME OF PERFORMANCE, PROGRAMS OR ANY SAFETY PRECAUTIONS USED BY THE CONTRACTOR. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF THEIR WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.
- ALL ITEMS TO BE REMOVED AND NOT DEFINED AS A PAY ITEM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- ALL EXCESS EARTH EXCAVATION, EXCESS MATERIALS, OR OTHER REMOVED ITEMS SHALL BE HAULED OFF-SITE AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE APPROVED BY THE OWNER.
- THIS WORK SHALL BE IN ACCORDANCE WITH SECTION 201 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL OBSTRUCTIONS, TREES, DEBRIS AND BRUSH AS DESIGNATED BY THE OWNER AND AS INDICATED ON THE PLANS. ALL MATERIALS SHALL BE DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DURING CONSTRUCTION, CARE SHALL BE TAKEN TO MINIMIZE DAMAGE TO THE EXISTING TREES AND LANDSCAPING. ONLY THOSE ITEMS DESIGNATED BY THE OWNER SHALL BE REMOVED.
- ALL ROADWAY REMOVAL ITEMS SHALL CONFORM TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. ALL JOINTS BETWEEN THE PORTION REMOVED AND THAT LEFT IN PLACE SHALL BE SAWED TO SUCH A DEPTH THAT A CLEAN, NEAT EDGE WILL RESULT WITH NO SPALLING TO THE REMAINING PORTION. THE COST OF SAWING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. ADDITIONAL SAWING OR RE-SAWING MAY BE REQUIRED AS DIRECTED BY THE ENGINEER WITH NO ADDITIONAL COMPENSATION BEING ALLOWED. THE COST OF SAWCUTTING THE EXISTING PAVEMENT SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

**GENERAL NOTES**

- WHEN ARTIFICIAL LIGHTING IS UTILIZED DURING NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC, AS WELL AS ADJOINING RESIDENTIAL AREAS.
- THE CONTRACTOR IS REQUIRED TO STAY WITHIN THE NOTED PROPERTY BOUNDARIES RIGHT-OF-WAY AND EASEMENTS AS SHOWN IN THE PLANS. ANY ADDITIONAL EASEMENTS SHALL BE SECURED BY THE CONTRACTOR AT NO EXTRA COST.
- ANY AREAS DAMAGED OR DISTURBED DURING THE PROJECT AS A DIRECT OR INDIRECT RESULT OF CONTRACTOR OPERATIONS, SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE ORIGINAL CONDITION. THE COST OF SAID RESTORATION OR REPAIR SHALL BE BORNE TOTALLY BY THE CONTRACTOR, WITH NO EXTRA COMPENSATION BEING AWARDED UNDER THIS CONTRACT. THE RESPONSIBILITY FOR THE REPAIR OR REPLACEMENT OF ANY UTILITY, STRUCTURE, LANDSCAPING, ETC., DAMAGED OR DESTROYED BY THE CONTRACTOR DURING MOBILIZATION OR CONSTRUCTION SHALL BE BORNE SOLELY BY THE CONTRACTOR, WITH NO EXPENSE BEING CHARGED TO THE ENGINEER OR OWNER. PRIOR TO ACCEPTANCE OF THIS REPAIR OR REPLACEMENT, THE CONTRACTOR SHALL PRESENT THE OWNER WITH A "SIGNOFF LETTER", SIGNED BY A RESPONSIBLE OFFICIAL OF THE OWNER OF THE DAMAGED UTILITY STATING THAT THE REPAIR OR REPLACEMENT IS ACCEPTABLE.

**CONSTRUCTION STAKING**

- CONSTRUCTION STAKING SERVICES WILL BE PROVIDED BY THE OWNER. STAKE POINTS WILL BE STAKED ONE TIME WHEN REQUESTED BY THE CONTRACTOR. THE SAME STAKE POINTS REQUESTED BY THE CONTRACTOR A SECOND TIME WILL BE PAID FOR BY THE CONTRACTOR.

**EROSION CONTROL NOTES**

- UNLESS OTHERWISE SPECIFIED, ALL EROSION AND SEDIMENT CONTROL MEASURES AND THEIR MAINTENANCE, CLEARING AND REMOVAL SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- THIS WORK SHALL CONFORM TO THE APPLICABLE STANDARDS FROM THE ILLINOIS URBAN MANUAL, THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION, CURRENT EDITION, THE PROJECT SPECIFICATIONS, AND THE APPROPRIATE DETAILS.
- THE CONTRACTOR SHALL IMPLEMENT THE EROSION AND SEDIMENT CONTROL MEASURES AS BEFORE CONSTRUCTION BEGINS.
- THE CONTROLS SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE STANDARDS FROM THE ILLINOIS URBAN MANUAL, THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION, CEMENT EDITION, THE PROJECT SPECIFICATION, CURRENT EDITION, THE PROJECT SPECIFICATION, AND THE APPROPRIATE DETAILS AND AS DIRECTED BY THE INSPECTOR.
- SITE ACTIVITIES SHOULD ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE PRACTICABLE.
- DISTURBED PORTIONS OF THE SITE SHALL BE STABILIZED (TEMPORARILY OR PERMANENTLY SEEDED, MULCHED, SODDED OR PAVED) AS SOON AS PRACTICABLE, BUT IN NO CASE MORE THAN 7 CALENDAR DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
- UNTIL SUCH TIME AS THE PROJECT SITE REACHES FINAL STABILIZATION THE CONTRACTOR SHALL BE RESPONSIBLE TO ADJUST, REPAIR, OR REPLACE, ALL VEGETATION, EROSION CONTROLS, SEDIMENT CONTROLS, AND ANY OTHER PROTECTIVE MEASURES AS REQUIRED IN ORDER TO MAINTAIN THEIR INTENDED FUNCTION IN A GOOD AND EFFECTIVE OPERATING CONDITION.
- EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER EXPECTED DURING THE CONSTRUCTION PROCESS THAT MAY BE COMBINED WITH STORM WATER DISCHARGES SHALL BE DIRECTED AWAY FROM UNPROTECTED, BARE, OR OTHERWISE UNSTABILIZED SOIL, AND APPROPRIATE POLLUTION PREVENTION MEASURES SHALL BE IMPLEMENTED SO THAT THESE DISCHARGES DO NOT CAUSE EROSION OR DEGRADE THE QUALITY OF RUNOFF FROM THE CONSTRUCTION SITE.
- THE INSPECTOR SHALL HAVE AUTHORIZATION TO DETERMINE THE ADEQUACY OF THE CONTRACTOR'S EROSION CONTROL EFFORTS. THE OWNER OR THE INSPECTOR SHALL HAVE FULL AUTHORITY OVER THE GENERAL CONTRACTOR AND ANY SUBCONTRACTOR TO CAUSE POLLUTANT CONTROL MEASURES TO BE REPAIRED, MODIFIED, MAINTAINED, SUPPLEMENTED, OR WHATEVER ELSE IS NECESSARY IN ORDER TO ACHIEVE EFFECTIVE POLLUTANT CONTROL OR TO SUSPEND OR LIMIT THE CONTRACTORS OPERATIONS PENDING ADEQUATE PERFORMANCE.
- PERIMETER EROSION BARRIER TO BE CONSTRUCTED OF SILT FENCE UNLESS NOTED OTHERWISE.
- A TEMPORARY CONCRETE WASHOUT FACILITY SHALL BE CONSTRUCTED AT A LOCATION APPROVED BY THE ENGINEER. WASHOUT FACILITY SHALL BE UTILIZED FOR ALL APPLICABLE OPERATIONS.
- TEMPORARY EROSION CONTROL MEASURES INCLUDE TEMPORARY DITCH CHECKS, PERIMETER EROSION BARRIER, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, AND ANY OTHER TEMPORARY EROSION CONTROL MEASURE NEEDED TO LIMIT THE AMOUNT OF SOIL EROSION AND SEDIMENTATION DURING CONSTRUCTION.
- AT THE COMPLETION OF THE PROJECT, ALL TEMPORARY EROSION CONTROL ITEMS SHALL BE REMOVED FROM THE SITE, AND BECOME THE PROPERTY OF THE CONTRACTOR. CONTRACTOR MUST STABILIZE ANY AREA DISTURBED BY THE REMOVAL OF EROSION CONTROL ITEMS.
- CONTRACTOR SHALL CLEAN ANY DEBRIS TRACKED OFFSITE DAILY.

**SEEDING OF DISTURBED AREAS**

- THE FINAL TOP 4" INCHES OF SOIL IN ANY DISTURBANCE AREA MUST BE A COHESIVE SOIL CAPABLE OF SUPPORTING VEGETATION.
- FERTILIZER HAVING AN ANALYSIS OF 10-10-10 SHALL BE APPLIED AT A RATE OF 90 LBS/ACRE TO ALL DISTURBED AREAS AND INCORPORATED INTO THE SEEDBED PRIOR TO SOWING THE SEED.
- THE CONTRACTOR SHALL SEED AND MULCH ALL DISTURBED AREAS ADJACENT TO IMPROVEMENTS WITH SEEDING, IDOT CLASS 1A AND MULCH, IDOT METHOD 2 IN ACCORDANCE WITH IDOT STANDARD SPECIFICATION OR AS APPROVED BY THE ENGINEER.
- GUARANTEE:** ALL SEEDED AREAS SHALL BE MAINTAINED AND MOWED FOR AT LEAST 30 DAYS AFTER GERMINATION. SCATTERED BARE SPOTS NO LARGER THAN TWO SQUARE FOOT WILL BE ALLOWED UP TO A MAXIMUM OF 5% OF ANY SEEDED AREA INCLUDING 30-DAY MAINTENANCE, MOWING AND WATERING AS NECESSARY.
- THIS WORK SHALL CONFORM TO THE APPLICABLE STANDARDS FROM THE ILLINOIS URBAN MANUAL, THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION SECTIONS, CURRENT EDITION, THE PROJECT SPECIFICATIONS, AND THE APPROPRIATE DETAILS.
- RESTORATION - THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED DURING CONSTRUCTION OF THE IMPROVEMENTS AND RELATED APPURTENANCES OR AS PART OF ANY OF THEIR ACTIVITIES TO A CONDITION EQUAL TO OR BETTER THAN THE ORIGINAL CONDITION.



ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
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REVISIONS		
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SHEET NUMBER:  
4 of 35

**MATERIAL AND COMPACTION TESTING**

1. A GEOTECHNICAL REPRESENTATIVE WILL BE PROVIDED AND PAID FOR BY THE OWNER FOR ANY REQUIRED TESTING. THE CONTRACTOR IS RESPONSIBLE TO FOLLOW AND MEET GUIDELINES SET BY THE GEOTECHNICAL REPRESENTATIVE.

**UTILITIES**

1. UTILITIES SHOWN ON THE PLANS ARE FOR ILLUSTRATIVE PURPOSES ONLY AND NO GUARANTEE OF THEIR ACCURACY IS MADE OR INFERRED. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE DRAWINGS REPRESENT DATA RECEIVED FROM VARIOUS SOURCES. IT IS NOT GUARANTEED TO BE CORRECT OR ALL-INCLUSIVE. THE CONTRACTOR SHALL CONDUCT HIS OWN INVESTIGATION INTO THE LOCATION, SIZE, DEPTH AND NATURE OF ANY AND ALL EXISTING UTILITIES THAT MAY INTERFERE WITH THE WORK UNDER THIS CONTRACT. ANY EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE SHALL BE FULLY PROTECTED BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ANY AND ALL UTILITY COMPANIES REGARDING ADJUSTMENTS NECESSARY. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE AND CONSIDERED INCIDENTAL TO THE PROJECT COST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND, OVERHEAD, OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER OR THE OWNER OR REPLACED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
2. THE CONTRACTOR MUST VERIFY AND LOCATE ALL EXISTING UTILITIES ON OR ADJACENT TO THE SITE. PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES, CONTACT J.U.L.I.E. AT 1-800-892-0123 (OR 811) FOR EXACT FIELD LOCATION OF UTILITIES. DAMAGE, AND THE COST THEREOF, TO ANY AND ALL UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. ANY AND ALL EXISTING UTILITIES SHOWN HEREON ARE APPROXIMATE. THE ENGINEER AND SURVEYOR ASSUMES NO RESPONSIBILITY FOR THE LOCATION OF THE EXISTING UTILITIES SHOWN HEREON.
3. IF THERE ARE ANY UTILITIES WHICH ARE NOT MEMBERS OF THE J.U.L.I.E. SYSTEM, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING THIS AND REQUESTING SAID UTILITIES TO FIELD VERIFY AND MARK PERTINENT UTILITY LOCATIONS.
4. THE UTILITY LOCATIONS, DEPTHS, ETC. SHOWN ON THESE PLANS ARE APPROXIMATE ONLY, AND SHALL BE VERIFIED BY THE CONTRACTOR WITH ALL AFFECTED UTILITY COMPANIES PRIOR TO INITIATING CONSTRUCTION OPERATIONS; THE ENGINEER AND OWNER ASSUME NO RESPONSIBILITY FOR THE ADEQUACY, SUFFICIENCY OR EXACTNESS OF THESE UTILITY REPRESENTATIONS.
5. THE CONTRACTOR SHALL CONTACT THE NECESSARY UTILITY COMPANIES FOR ANY UTILITY RELOCATIONS. THE CONTRACTOR SHALL PAY FOR ALL COSTS ASSOCIATED WITH RELOCATION OF UTILITIES ON OR ADJACENT TO THE SUBJECT PROPERTY OR WITHIN THE ROAD RIGHT-OF-WAY.
6. TRENCH BACKFILL SHALL BE FILL MATERIAL TYPE A (GRAVEL OR CA6 CRUSHED STONE,) OR TYPE C (SAND FA-1 OR SAND FA-2) IN ACCORDANCE WITH AASHTO T27 GUIDELINES AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS", CURRENT EDITION. COST SHALL BE INCLUDED IN UNIT PRICE OF PIPE.
7. TRENCH BACKFILL SHALL BE USED IN LOCATIONS WHERE THERE IS AN EXISTING OR PROPOSED PERMANENT SURFACE.
8. ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION OR HAVE THE POTENTIAL FOR CREATING FUTURE PROBLEMS SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE PROJECT AT AN APPROVED LOCATION OBTAINED BY THE CONTRACTOR, ACCORDING TO THE "STANDARD SPECIFICATIONS FOR WATER & SEWER CONSTRUCTION IN ILLINOIS", CURRENT EDITION, AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCIDENTAL TO EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. COST FOR REPAIRS, REPLACEMENT, AND/OR CONNECTION SHALL BE INCIDENTAL TO THE VARIOUS CONTRACT ITEMS.

**TRAFFIC CONTROL**

1. THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL TRAFFIC CONTROL ITEMS NECESSARY FOR THE CONSTRUCTION OF ITEMS WITH IN THE ROAD RIGHT-OF-WAY. ALL WORK PERFORMED SHALL HAVE TRAFFIC CONTROL IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
2. ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS NECESSARY THROUGHOUT THE DURATION OF THE CONTRACT. ALL SIGNS SHALL BE FURNISHED, INSTALLED AND MAINTAINED BY THE CONTRACTOR. PAYMENT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
3. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN CONDITIONS MAY REQUIRE THE ENGINEER TO MODIFY THE LOCATION OF THE TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC CONTROL DEVICES. DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ADJACENT TRAFFIC LANES OPEN TO TRAFFIC FROM DEBRIS BEING BLOWN OR OTHERWISE REMOVED FROM THE CONSTRUCTION AREAS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR KEEPING DEBRIS OFF THE ADJACENT TRAVELED LANE SURFACE. COST INCIDENTAL TO THE PROJECT.
4. THE CONTRACTOR SHALL SUBMIT MAINTENANCE OF TRAFFIC AND STAGING OF CONSTRUCTION PLANS FOR APPROVAL BY THE ENGINEER PRIOR TO COMMENCING WORK.
5. THE CONTRACTOR SHALL PERFORM THE WORK UNDER STAGE CONSTRUCTION IN THE EVENT THAT THE CONTRACTOR WILL NEED TO CLOSE PUBLIC ROADS, CONTRACTOR SHALL SUBMIT PROPOSED DETOUR ROUTE AND ASSOCIATED SIGNAGE TO THE ENGINEER PRIOR TO COMMENCING WORK.
6. TRAFFIC CONTROL DEVICES, STREET NAME SIGNS, AND PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF DIXON ORDINANCES AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". LOCATIONS OF SIGNS AND MARKINGS SHALL BE SPECIFIED BY THE PLANS, AND/OR AS DIRECTED BY THE ENGINEER.
7. PROVIDE TO THE ENGINEER AND THE OWNER THE NAME AND PHONE NUMBER OF INDIVIDUALS RESPONSIBLE FOR MAINTAINING TRAFFIC CONTROL MEASURES DURING CONSTRUCTION. THIS INDIVIDUAL SHALL BE AVAILABLE TO CORRECT TRAFFIC CONTROL PROBLEMS 24 HOURS PER DAY.
8. THE CONTRACTOR SHALL NOTIFY THE POST OFFICE, POLICE DEPARTMENT, FIRE DEPARTMENT, 911 DISPATCH CENTER, ILLINOIS DEPARTMENT OF TRANSPORTATION, STATE POLICE, APPROPRIATE SCHOOL DISTRICT AND THE LOCAL AGENCY A MINIMUM OF 5 DAYS PRIOR TO CLOSING ANY PORTION OF THE STREET OR ALLEY.

**SUBGRADES, SUBBASES, AND BASE COURSES**

1. THE CONTRACTOR WILL BE REQUIRED TO SUBSTANTIATE BASE COURSE THICKNESSES AND FINISH PAVEMENT THICKNESSES. THE ENGINEER SHALL INSPECT BASE COURSE COREOUT PRIOR TO PLACING BASE COURSE TO ENSURE REQUIRED BASE COURSE DEPTH IS PRESENT. IN ADDITION, THE ENGINEER AND/OR THE CITY ENGINEER SHALL WITNESS THE PLACEMENT OF BITUMINOUS BINDER AND SURFACE COURSE. CORE DRILLING MAY BE REQUIRED TO DEMONSTRATE THAT BASE COURSE AND PAVEMENT THICKNESSES CONFORM TO THE SPECIFICATIONS. PRIOR TO PLACING BASE COURSE MATERIAL, THE CONTRACTOR SHALL TEST ROLL THE SUBGRADE, IN THE PRESENCE OF THE ENGINEER OR HIS AGENT TO DEMONSTRATE THAT SAID SUBGRADE IS READY FOR BASE. PRIOR TO PLACEMENT OF THE BITUMINOUS SURFACE, THE SAME VERIFICATION PROCEDURE SHALL BE PERFORMED ON THE BASE COURSE MATERIAL. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO PERFORMING ANY OF THE REQUIRED TESTS SO THAT A REPRESENTATIVE MAY BE PRESENT.
2. PAVEMENT REMOVAL AND PATCHING ADJACENT TO AND NECESSARY FOR CONSTRUCTION OF COMBINATION CONCRETE AND GUTTER SHALL BE CONSIDERED INCIDENTAL TO THE COMBINATION CONCRETE CURB AND GUTTER, TYPE SPECIFIED.

**EXCAVATION/EARTHWORK**

1. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATION NEAR ANY AND ALL EXISTING ITEMS WHICH ARE NOT INDICATED TO BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT NO ADDITIONAL EXPENSE TO THE OWNER.
2. PRIOR TO STARTING EARTHWORK OR UTILITY TRENCHING, THE CONTRACTOR SHALL STRIP THE SITE OF TOPSOIL TO A DEPTH OF 4" AND TO THE LIMITS APPROVED BY THE ENGINEER. THIS MATERIAL SHALL BE STOCKPILED IN A REMOTE LOCATION OF THE SITE (APPROVED BY THE ENGINEER) UNTIL THE PLAN IMPROVEMENTS ARE COMPLETED AND THE EXCESS MATERIAL SPREAD AS DIRECTED. IT SHALL THEN BE THE RESPONSIBILITY OF THE CONTRACTOR TO SPREAD THIS TOPSOIL MATERIAL IN AREAS OF THE SITE, OVER AREAS WHERE EXCESS EXCAVATED MATERIAL, SAND, GRAVEL HAS BEEN SPREAD OR IN OTHER AREAS AS DESIGNATED BY THE ENGINEER. THE MATERIAL SHALL THEN BE COMPACTED TO A MINIMAL DEPTH OF 4" AND FINE GRADED IN A MANNER ACCEPTABLE TO THE ENGINEER. THIS WORK SHALL BE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
3. ROCK IS NOT ANTICIPATED TO BE ENCOUNTERED.
4. ALL EXCAVATIONS FOR STRUCTURES AND PIPE SHALL BE KEPT DEWATERED DURING CONSTRUCTION UNTIL BACKFILL IS IN PLACE. DURING DEWATERING OPERATIONS, WATER SHALL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. (COST INCIDENTAL)
5. EARTH EXCAVATION SHALL CONFORM TO SECTION 202 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION. THIS WORK SHALL INCLUDE THE EXCAVATION OF ALL MATERIALS TO DESIGN SUBGRADE ELEVATIONS INDICATED IN THE PLANS.
6. A SOIL REPORT CAN BE PROVIDED IN AN ELECTRONIC FORMAT TO THE CONTRACTOR UPON REQUEST FROM THE OWNER.
7. SHEETING AND SHORING SHALL BE CONSIDERED INCIDENTAL TO CONTRACT IF REQUIRED.
8. WHENEVER THE CONTRACTOR WORKS NEAR EXISTING FACILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS DURING TRENCHING OPERATIONS, HE WILL BE REQUIRED TO HAND TRENCH IN THAT AREA IN ORDER NOT TO DAMAGE THESE FACILITIES. PUSH HOLES AND SEARCH HOLES THAT ARE DUG BY THE CONTRACTOR SHALL BE BACKFILLED BY TAMPING THE EXCAVATED MATERIAL BACK IN PLACE TO KEEP SETTLEMENT TO A MINIMUM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
9. EMBANKMENT WORK SHALL CONSIST OF THE CONSTRUCTION OF EMBANKMENTS BY DEPOSITING, PLACING AND COMPACTING EARTH, STONE, GRAVEL OR OTHER MATERIALS OF ACCEPTABLE QUALITY ABOVE THE NATURAL GROUND OR OTHER SURFACE IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
10. IF SUFFICIENT TOPSOIL IS NOT PRESENT, THE CONTRACTOR SHALL SPREAD FURNISHED TOPSOIL SO AS TO MEET THE REQUIREMENTS OF THE CONTRACT. FURNISHED TOPSOIL SHALL ONLY BE USED WITH APPROVAL BY THE ENGINEER. THIS FURNISHED TOPSOIL SHALL BE PAID FOR AS FURNISHED TOPSOIL IN PLACE, 4".
11. IN PROPOSED FILL AREAS FOR PAVEMENT AND EMBANKMENT, TOPSOIL AND TURF SHALL BE SCARIFIED AND REMOVED PRIOR TO CONSTRUCTING THE EMBANKMENT.



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5 of 35

**ABBREVIATIONS**

<	ANGLE
ABC	AGGREGATE BASE COURSE
ACI	ACRE(S)
ACI	AMERICAN CONCRETE INSTITUTE
AGR	AGGREGATE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ARCH	ARCHITECT
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
B	BALL VALVE
BFP	BACKFLOW PREVENTER
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCKING
BM	BENCHMARK
BOT	BOTTOM
BSMT	BASEMENT
BV	BUTTERFLY VALVE
B-B	BACK-TO-BACK OF CURB DIMENSION
CL or C	CENTERLINE
C to C	CENTER TO CENTER
C & G	CURB AND GUTTER
CF	CUBIC FEET
CHD	CHORD LENGTH
CI	CAST IRON PIPE
CHK	CHECK VALVE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CTY	COUNTY
CONC	CONCRETE
CONT	CONTINUOUS
C-B	CENTERLINE TO BACK OF CURB DIMENSION
COORD	COORDINATE
CU	COPPER PIPING
CTRS	CENTERS
CY	CUBIC YARDS
CS	CORPORATION STOP
D	DEGREE OF CURVE
DEP	DEPRESSED
DET	DETAIL
DIAG	DIAGONAL
DIM	DIMENSION
DI	DUCTILE IRON PIPE
DN	DOWN
DNSTR	DOWNSTREAM
DP	DRAINAGE PIPE/STORM PIPE
DWG	DRAWING
E	EAST
EJ	EXPANSION JOINT
EL, ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
EW	EACH WAY
EXP	EXPANSION
EX, EXIST	EXISTING
EXT	EXTERIOR
E =	EXTERNAL DISTANCE
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIELD ENTRANCE
FF	FINISH FLOOR
FIL	FILLET
FIN	FINISH
FL	FLOW LINE
FLR	FLOOR
FM	FORCE MAIN
FND	FOUND
FRMG	FRAMING
FTG	FOOTING
F-F	FACE TO FACE
GA	GAUGE
GI	GALVANIZED IRON PIPE
GRD	GRADE
GRS	GRATING SUPPORT
GRT	GROUT
GV	GAS VALVE
GYP	GYPSPUM
HSE	HOUSE
HC	HORIZONTAL CURVE
HMA	HOT MIX ASPHALT
HNGR	HANGER
HORIZ	HORIZONTAL
H.P.	HIGH POINT
HW	HOT WATER
HWH	HOT WATER HEATER
Δ =	CENTRAL ANGLE
I	MOMENT OF INERTIA
ID	INSIDE DIAMETER
INT	INTERIOR
INV	INVERT ELEVATION; BASED ON BENCH MARK DATUM
IP	IRON PIPE
JUST	JOIST
L	LENGTH OF CURVE
LAT	LATERAL
LAV	LAVATORY
LF	LINEAL FEET
L.P.	LOW POINT
LT	LEFT OF SURVEY BASE LINE
MAX	MAXIMUM
ME	MATCH EXISTING
MH	MANHOLE
MIN	MINIMUM
MJ	MECHANICAL JOINT
MTL	METAL
N	NORTH
No. or #	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OO	OUTSIDE TO OUTSIDE
OPNG	OPENING
OPP	OPPOSITE
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PCF	POUNDS PER CUBIC FOOT
PDP	PERFORATED DRAIN PIPE

PE	POLYETHYLENE PIPE
PI	POINT OF INTERSECTION
PL	PLATE
PLG	PLUG VALVE
PLP	POLYPROPYLENE PIPE
PLYWD	PLYWOOD
PM	PRINCIPAL MERIDIAN
PR	PRESSURE REGULATORS
PRC	POINT OF REVERSE CURVATURE
PRESS	PRESSURE
PR, PROP	PROPOSED
PRV	PRESSURE REDUCING VALVE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PIPE SLEEVE
PT	POINT OF TANGENCY
PLG	PLUG VALVE
PVC	POLYVINYL CHLORIDE (PLASTIC) PIPE
R	RADIUS
RDCR	REDUCER
RCCP	REINFORCED CONCRETE CYLINDER PIPE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REINF	REINFORCING
REQD	REQUIRED
ROW	RIGHT OF WAY
RFTD	RAFTER
RND	ROUND
RR	RAILROAD
RRSP	RAILROAD SPIKE
RT	RIGHT
R&R	REMOVE AND REPLACE
S	SOUTH
SB	STREAM BED
SCHED	SCHEDULE
SEC	SECTION
SF	SQUARE FEET
SHR	SHOWER
SHT	SHEET
SHTG	SHEATHING
SP	SANITARY PIPE
SPA	SPACING OR SPACES
SPEC	SPECIFICATION
SQ	SQUARE
SS	SANITARY SERVICE
STA	STATION
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SW	SIDEWALK
SY	SQUARE YARDS
SYM	SYMMETRICAL
TAN	TANGENT LENGTH
TBC	TOP BACK OF CURB
TBM	TEMPORARY BENCH MARK; BASED ON BENCHMARK DATUM
TD	TILE DRAIN
THK	THICK
TR	TREAD
TY	TYPE
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
UP	UTILITY POLE
UPSTR	UPSTREAM
UR	URINAL
USGS	US GEOLOGICAL SURVEY
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VOL	VOLUME
VPC	VERTICAL POINT OF CURVATURE
VPI	VERTICAL POINT OF INTERSECTION
VPRC	VERTICAL POINT OF REVERSE CURVATURE
VPT	VERTICAL POINT OF TANGENCY
W	WEST
WC	WATER CLOSET
WF	WIDE FLANGE
WM	WATER MAIN
WMQ	WATER MAIN QUALITY
WV	WATER VALVE
WGT	WEIGHT
WP	WEATHER PROOF
WS	WATER SERVICE
WWF	WELDED WIRE FABRIC
W	WITH
W/O	WITHOUT
XP	EXPLOSION PROOF

**HATCH PATTERNS**

	EARTH - FILL		BRICK
	EARTH - UNDISTURBED		STEEL
	ROCK (GEOLOGICAL)		INSULATION (LOOSE/ BATT)
	STONE OR RIP RAP		INSULATION (RIGID)
	GRAVEL		WOOD (ROUGH)
	CONCRETE		WOOD (BLOCKING)
	CONCRETE BLOCK		WOOD (FINISH)
	CMU		DETECTABLE WARNING
	ASPHALT PAVEMENT		

**SYMBOLS**

		EXISTING	PROPOSED			EXISTING	PROPOSED
<b>CIVIL</b>		<b>WATER</b>		<b>UTILITY</b>		<b>TRAFFIC RELATED</b>	
EXISTING R.O.W.	RIGHT-OF-WAY LINE	EXISTING WATER SERVICE	PROPOSED WATER SERVICE	EXISTING FIBER OPTIC LINE	PROPOSED FIBER OPTIC LINE	EXISTING CONTROLLER	PROPOSED CONTROLLER
PROPERTY LINE	PROPERTY LINE	EXISTING WATER PIPE	PROPOSED WATER PIPE	EXISTING UNDERGROUND TV CABLE	PROPOSED UNDERGROUND TV CABLE	EXISTING MAST ARM ASSEMBLY AND POLE	PROPOSED MAST ARM ASSEMBLY AND POLE
CENTERLINE	CENTERLINE	EXISTING FIRE HYDRANT	PROPOSED FIRE HYDRANT	EXISTING CABLE TV RISER PEDESTAL	PROPOSED CABLE TV RISER PEDESTAL	EXISTING SIGNAL HEAD AND POST	PROPOSED SIGNAL HEAD AND POST
SETBACK LINE	SETBACK LINE	EXISTING YARD HYDRANT	PROPOSED YARD HYDRANT	EXISTING OVERHEAD UTILITY	PROPOSED OVERHEAD UTILITY	EXISTING SIGNAL HEAD	PROPOSED SIGNAL HEAD
EASEMENT LINE	EASEMENT LINE	EXISTING WATER VALVE WITH BOX	PROPOSED WATER VALVE WITH BOX	EXISTING UNDERGROUND ELECTRIC	PROPOSED UNDERGROUND ELECTRIC	EXISTING PEDESTRIAN HEAD	PROPOSED PEDESTRIAN HEAD
SECTION LINE	SECTION LINE	EXISTING CURB STOP W/CURB BOX	PROPOSED CURB STOP W/CURB BOX	EXISTING ELECTRIC RISER PEDESTAL	PROPOSED ELECTRIC RISER PEDESTAL	EXISTING PEDESTRIAN PUSH-BUTTON	PROPOSED PEDESTRIAN PUSH-BUTTON
SECTION CORNER	SECTION CORNER	EXISTING REDUCER	PROPOSED REDUCER	EXISTING ELECTRIC MANHOLE	PROPOSED ELECTRIC MANHOLE	EXISTING HAND HOLE	PROPOSED HAND HOLE
COORDINATE POINT ON GRID SYSTEM	COORDINATE POINT ON GRID SYSTEM	EXISTING WATER VALVE VAULT	PROPOSED WATER VALVE VAULT	EXISTING UNDERGROUND TELEPHONE	PROPOSED UNDERGROUND TELEPHONE	EXISTING DOUBLE HAND HOLE	PROPOSED DOUBLE HAND HOLE
FOUND OR SET PROPERTY PIN	FOUND OR SET PROPERTY PIN	EXISTING 11.25' BEND	PROPOSED 11.25' BEND	EXISTING TELEPHONE RISER PEDESTAL	PROPOSED TELEPHONE RISER PEDESTAL	EXISTING HAND HOLE OR JUNCTION BOX	PROPOSED HAND HOLE OR JUNCTION BOX
RIGHT-OF-WAY MARKER	RIGHT-OF-WAY MARKER	EXISTING 22.50' BEND	PROPOSED 22.50' BEND	EXISTING TELEPHONE MANHOLE	PROPOSED TELEPHONE MANHOLE	EXISTING HEAVY-DUTY HAND HOLE	PROPOSED HEAVY-DUTY HAND HOLE
BENCHMARK	BENCHMARK	EXISTING 45' BEND	PROPOSED 45' BEND	EXISTING UTILITY POLE	PROPOSED UTILITY POLE	EXISTING EXISTING CONDUIT (LENGTH AND SIZE)	PROPOSED PROP GALVANIZED STEEL OR PVC CONDUIT
CONTOUR LINE	CONTOUR LINE	EXISTING 90' BEND	PROPOSED 90' BEND	EXISTING UTILITY POLE W/ METER	PROPOSED UTILITY POLE W/ METER	EXISTING UPPER NUMERAL INDICATES LENGTH	PROPOSED "T" INDICATES CONDUIT IN TRENCH
SPOT ELEVATION (AT ●)	SPOT ELEVATION (AT ●)	EXISTING TEE	PROPOSED TEE	EXISTING UTILITY POLE W/ TRANSFORMER	PROPOSED UTILITY POLE W/ TRANSFORMER	EXISTING LOWER NUMERAL INDICATES SIZE AND TYPE	PROPOSED LUMINAIRE
FENCE LINE	FENCE LINE	EXISTING CAP	PROPOSED CAP	EXISTING LIGHT (MAST MOUNTED)	PROPOSED LIGHT (MAST MOUNTED)	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
SILT FENCE LINE	SILT FENCE LINE	EXISTING WATER METER	PROPOSED WATER METER	EXISTING LIGHT POLE (SINGLE FIXTURE)	PROPOSED LIGHT POLE (SINGLE FIXTURE)	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
CURB AND GUTTER	CURB AND GUTTER	EXISTING SPRINKLER HEAD	PROPOSED SPRINKLER HEAD	EXISTING YARD LIGHT	PROPOSED YARD LIGHT	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
TIP OUT CURB AND GUTTER	TIP OUT CURB AND GUTTER	EXISTING TRACER WIRE BOX	PROPOSED TRACER WIRE BOX	EXISTING GAS MAIN	PROPOSED GAS MAIN	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
SAWCUT, LIMITS OF PAVEMENT REMOVAL & REPLACEMENT	SAWCUT, LIMITS OF PAVEMENT REMOVAL & REPLACEMENT	<b>STORM SEWER</b>		EXISTING GAS METER	PROPOSED GAS METER	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
DECIDUOUS TREE W/ SIZE	DECIDUOUS TREE W/ SIZE	EXISTING STORM SEWER	PROPOSED STORM SEWER	EXISTING GAS VALVE	PROPOSED GAS VALVE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
CONIFEROUS TREE W/ SIZE	CONIFEROUS TREE W/ SIZE	EXISTING DRAIN TILE	PROPOSED DRAIN TILE	EXISTING GAS STRUCTURE	PROPOSED GAS STRUCTURE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
TREE STUMP	TREE STUMP	EXISTING DITCH LINE (PAVED)	PROPOSED DITCH LINE (PAVED)	EXISTING CONTROLLER	PROPOSED CONTROLLER	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
HEDGEROW	HEDGEROW	EXISTING DITCH LINE (UNPAVED)	PROPOSED DITCH LINE (UNPAVED)	EXISTING MAST ARM ASSEMBLY AND POLE	PROPOSED MAST ARM ASSEMBLY AND POLE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
BUSH OR SHRUB	BUSH OR SHRUB	EXISTING STORM MANHOLE	PROPOSED STORM MANHOLE	EXISTING SIGNAL HEAD AND POST	PROPOSED SIGNAL HEAD AND POST	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
TREE LINE	TREE LINE	EXISTING CATCH BASIN	PROPOSED CATCH BASIN	EXISTING SIGNAL HEAD	PROPOSED SIGNAL HEAD	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
CONSTRUCTION LIMIT LINE	CONSTRUCTION LIMIT LINE	EXISTING STORM SEWER INLET	PROPOSED STORM SEWER INLET	EXISTING PEDESTRIAN HEAD	PROPOSED PEDESTRIAN HEAD	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
SIGN (MULTIPLE POST, SINGLE POST)	SIGN (MULTIPLE POST, SINGLE POST)	EXISTING STORM SEWER INLET - BEHIND CURB	PROPOSED STORM SEWER INLET - BEHIND CURB	EXISTING PEDESTRIAN PUSH-BUTTON	PROPOSED PEDESTRIAN PUSH-BUTTON	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
SIGN (PYLON)	SIGN (PYLON)	EXISTING DOWNSPOUT	PROPOSED DOWNSPOUT	EXISTING HAND HOLE	PROPOSED HAND HOLE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
GUARD RAIL	GUARD RAIL	EXISTING CULVERT AND SIZE	PROPOSED CULVERT AND SIZE	EXISTING DOUBLE HAND HOLE	PROPOSED DOUBLE HAND HOLE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
RAILROAD TRACKS	RAILROAD TRACKS	EXISTING RCCP OR RCP EQRS (RCAP) END SECTION	PROPOSED RCCP OR RCP EQRS (RCAP) END SECTION	EXISTING HAND HOLE OR JUNCTION BOX	PROPOSED HAND HOLE OR JUNCTION BOX	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
BUILDING	BUILDING	EXISTING METAL OR HDPE END SECTION	PROPOSED METAL OR HDPE END SECTION	EXISTING HEAVY-DUTY HAND HOLE	PROPOSED HEAVY-DUTY HAND HOLE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
MAILBOX	MAILBOX	EXISTING FLOW DIRECTION	PROPOSED FLOW DIRECTION	EXISTING EXISTING CONDUIT (LENGTH AND SIZE)	PROPOSED PROP GALVANIZED STEEL OR PVC CONDUIT	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
FLAGPOLE	FLAGPOLE	<b>EROSION CONTROL</b>		EXISTING UPPER NUMERAL INDICATES LENGTH	PROPOSED "T" INDICATES CONDUIT IN TRENCH	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
BOLLARD	BOLLARD	EXISTING EROSION CONTROL BLANKET	PROPOSED EROSION CONTROL BLANKET	EXISTING LOWER NUMERAL INDICATES SIZE AND TYPE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
AIR CONDITIONER	AIR CONDITIONER	EXISTING TEMPORARY AND PERMANENT SEEDING AREA	PROPOSED TEMPORARY AND PERMANENT SEEDING AREA	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>MISC</b>		EXISTING SOIL BORING LOCATION AND NUMBER	PROPOSED SOIL BORING LOCATION AND NUMBER	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>SANITARY SEWER</b>		EXISTING MONITORING WELL	PROPOSED MONITORING WELL	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING REVISION NUMBER	PROPOSED REVISION NUMBER	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING OUTLINE OF DETAILED AREA	PROPOSED OUTLINE OF DETAILED AREA	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING SECTION NUMBER - SHEET WHERE SHOWN	PROPOSED SECTION NUMBER - SHEET WHERE SHOWN	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING SANITARY SEWER	PROPOSED SANITARY SEWER	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING SANITARY SEWER SERVICE	PROPOSED SANITARY SEWER SERVICE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING SANITARY SEWER FORCE MAIN	PROPOSED SANITARY SEWER FORCE MAIN	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING SANITARY CLEANOUT	PROPOSED SANITARY CLEANOUT	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING SANITARY MANHOLE	PROPOSED SANITARY MANHOLE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING WYE FITTING	PROPOSED WYE FITTING	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		<b>REVISIONS</b>		EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING EROSION CONTROL BLANKET	PROPOSED EROSION CONTROL BLANKET	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING TEMPORARY AND PERMANENT SEEDING AREA	PROPOSED TEMPORARY AND PERMANENT SEEDING AREA	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING UNDISTURBED AREA	PROPOSED UNDISTURBED AREA	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING STABILIZED CONSTRUCTION ENTRANCE	PROPOSED STABILIZED CONSTRUCTION ENTRANCE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING SILT FENCE	PROPOSED SILT FENCE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING INLET PROTECTION	PROPOSED INLET PROTECTION	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING TEMPORARY SEDIMENT TRAP	PROPOSED TEMPORARY SEDIMENT TRAP	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING CULVERT INLET PROTECTION	PROPOSED CULVERT INLET PROTECTION	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING ROCK OUTLET PROTECTION	PROPOSED ROCK OUTLET PROTECTION	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING ROCK CHECK DAM - COURSE AGGREGATE	PROPOSED ROCK CHECK DAM - COURSE AGGREGATE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING ROCK CHECK DAM - RIP RAP	PROPOSED ROCK CHECK DAM - RIP RAP	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE
<b>EROSION CONTROL</b>		EXISTING DITCH CHECK	PROPOSED DITCH CHECK	EXISTING LUMINAIRE	PROPOSED LUMINAIRE	EXISTING LUMINAIRE	PROPOSED LUMINAIRE

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REV. NO.	DESCRIPTION	DATE

DRAWING:  
LEGEND  
SET TYPE: PRELIMINARY  
G:\C30\18-833A\Plans\18-833 A - PLANS.dwg, LEGEND

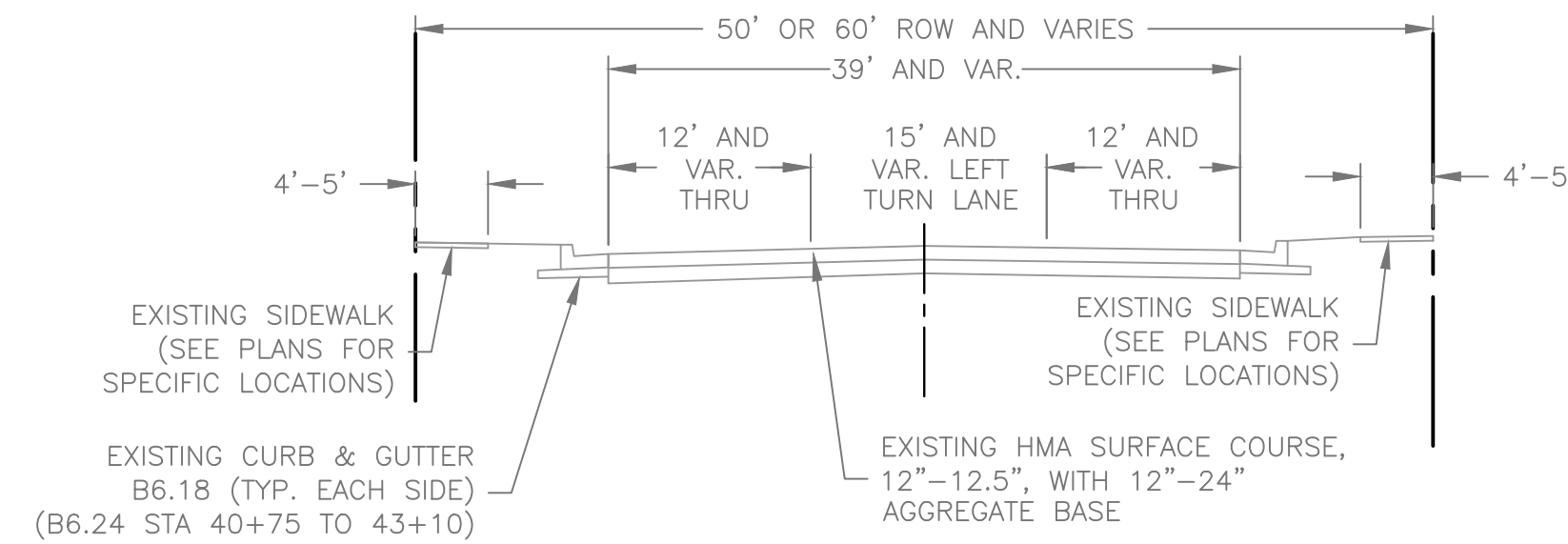
JOB NUMBER:  
18-833A  
SHEET NUMBER:  
6 of 35

THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

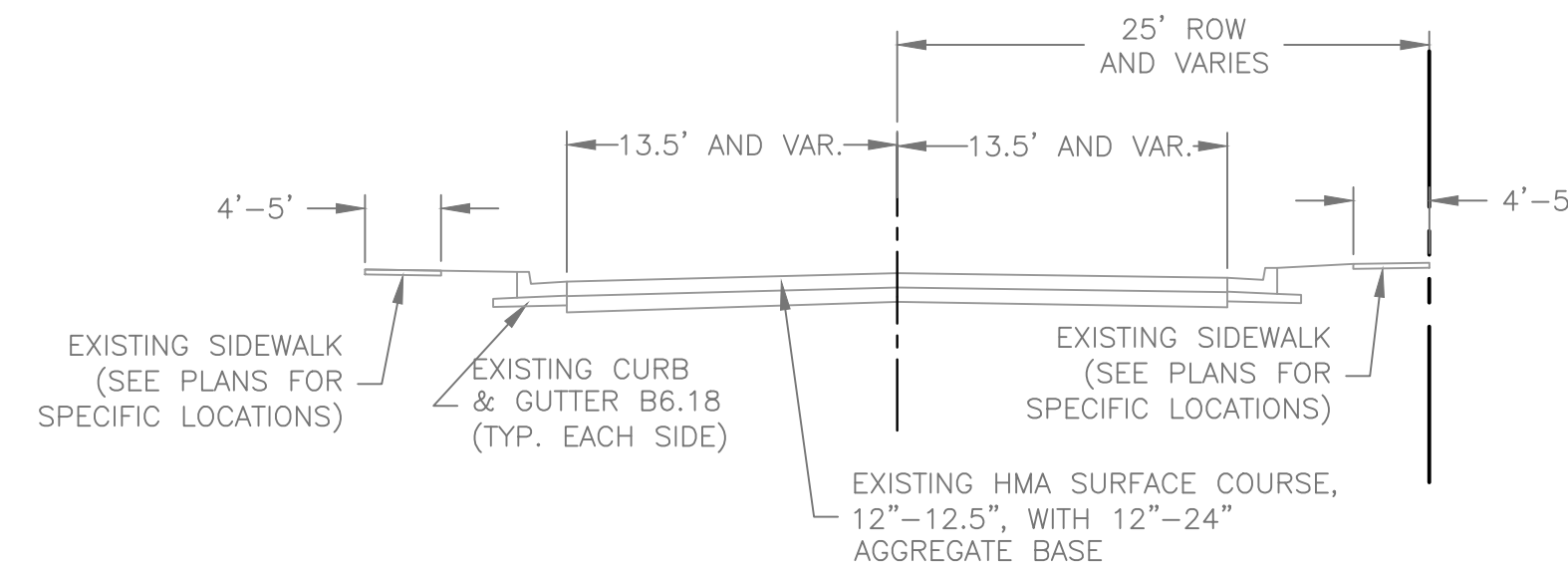
LOCATION:	4TH AVENUE
MIXTURE USE(S):	SURFACE
PG:	PG 58-28
DESIGN AIR VOIDS:	3.0 % @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5
FRICITION AGGREGATE:	C
MIXTURE WEIGHT:	112 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	-
NUMBER OF ROLLER PASSES:	-

**FIELD CORE REPORT**

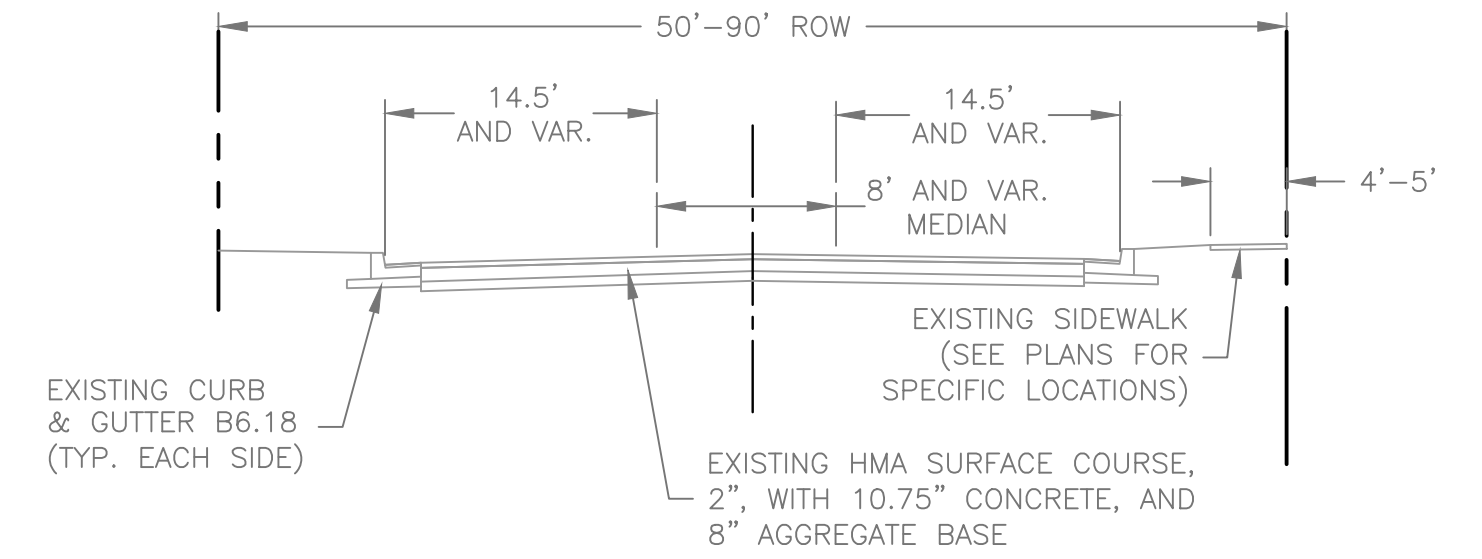
CORE NO.	PAVEMENT THICKNESS (INCHES)	BASE THICKNESS (INCHES)	STATION
CN3	12" ASPHALT	24" STONE	44+00
CN4	12" ASPHALT	12" STONE	55+83
CN5	12.5" ASPHALT	12" STONE	67+83
CN6	2" ASPHALT, 10.75" CONCRETE	8" STONE	81+62



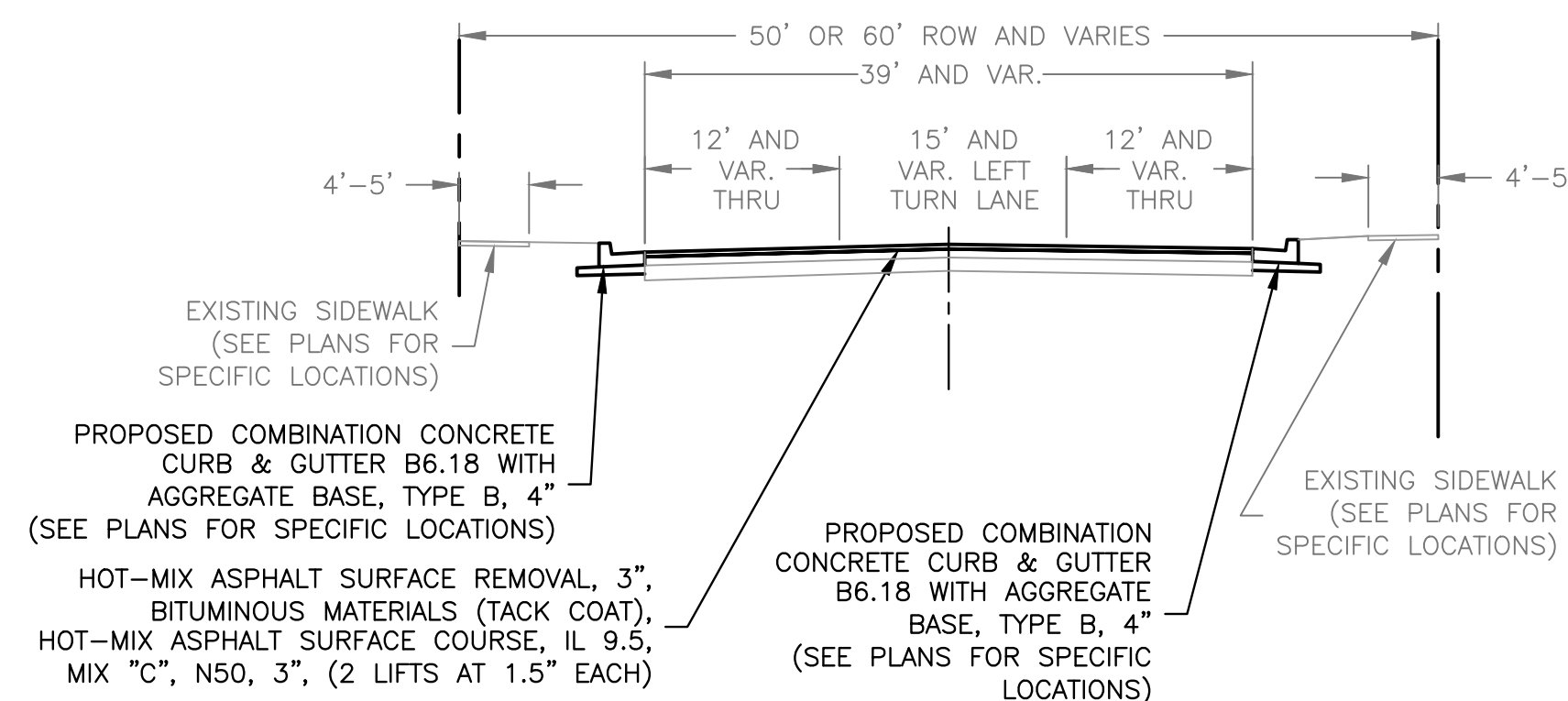
**EXISTING TYPICAL SECTION 4TH AVENUE**  
STA 40+75 - 43+80  
NOT TO SCALE



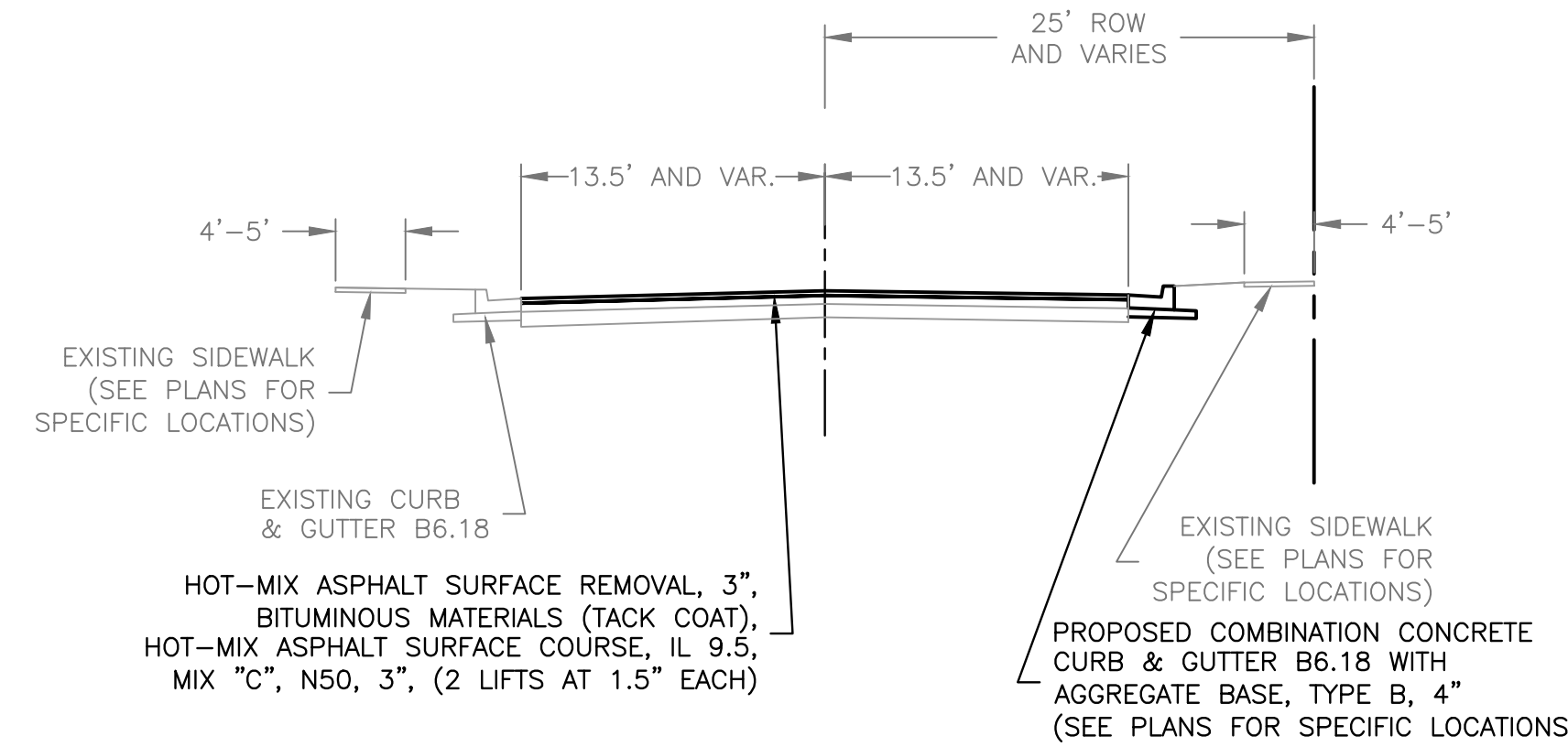
**EXISTING TYPICAL SECTION 4TH AVENUE**  
STA 43+80 - 79+61  
NOT TO SCALE



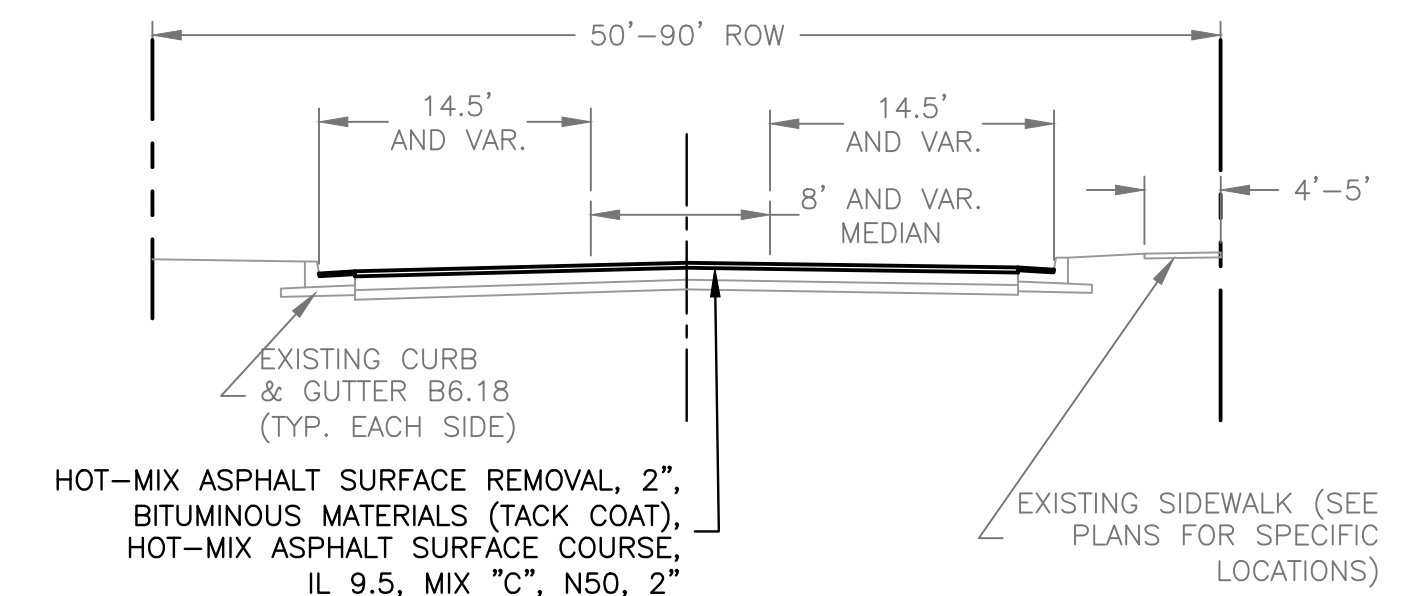
**EXISTING TYPICAL SECTION 4TH AVENUE**  
STA 79+61 - 84+39  
NOT TO SCALE



**PROPOSED TYPICAL SECTION 4TH AVENUE**  
STA 40+75 - 43+80  
NOT TO SCALE



**PROPOSED TYPICAL SECTION 4TH AVENUE**  
STA 43+80 - 79+61  
NOT TO SCALE

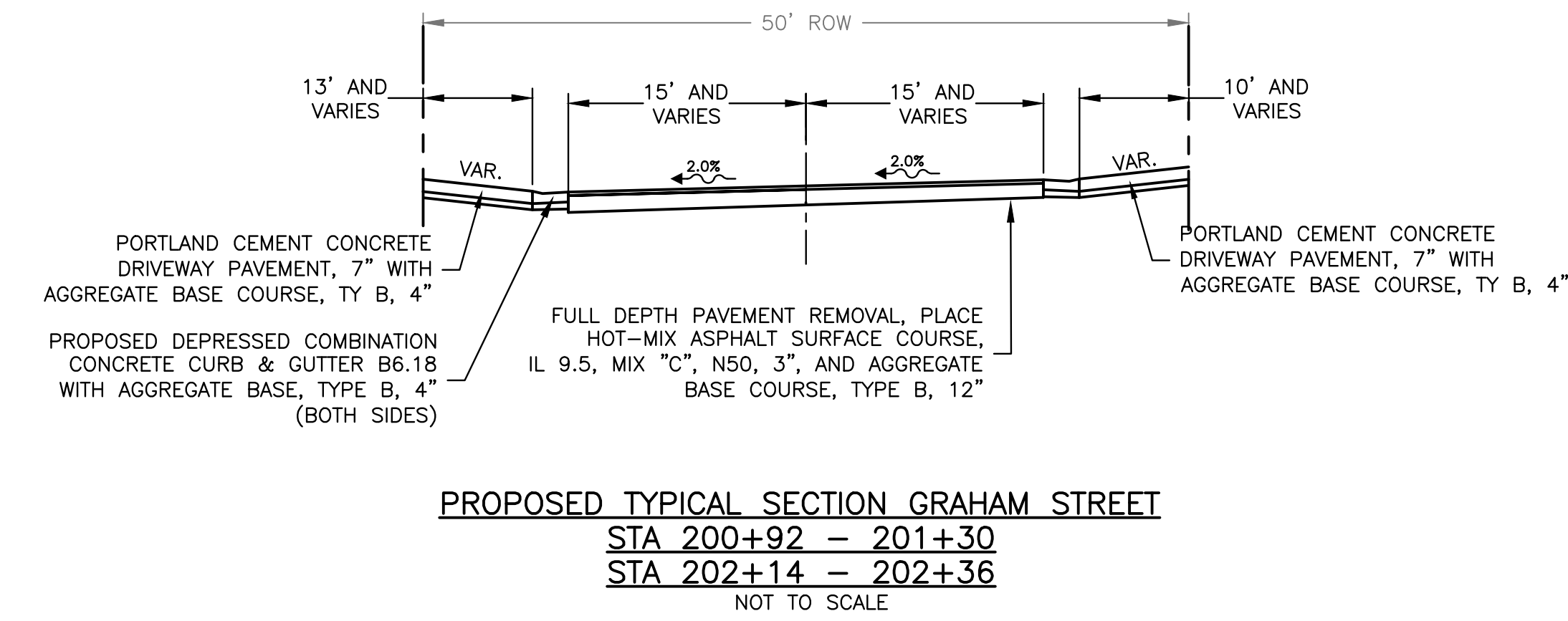
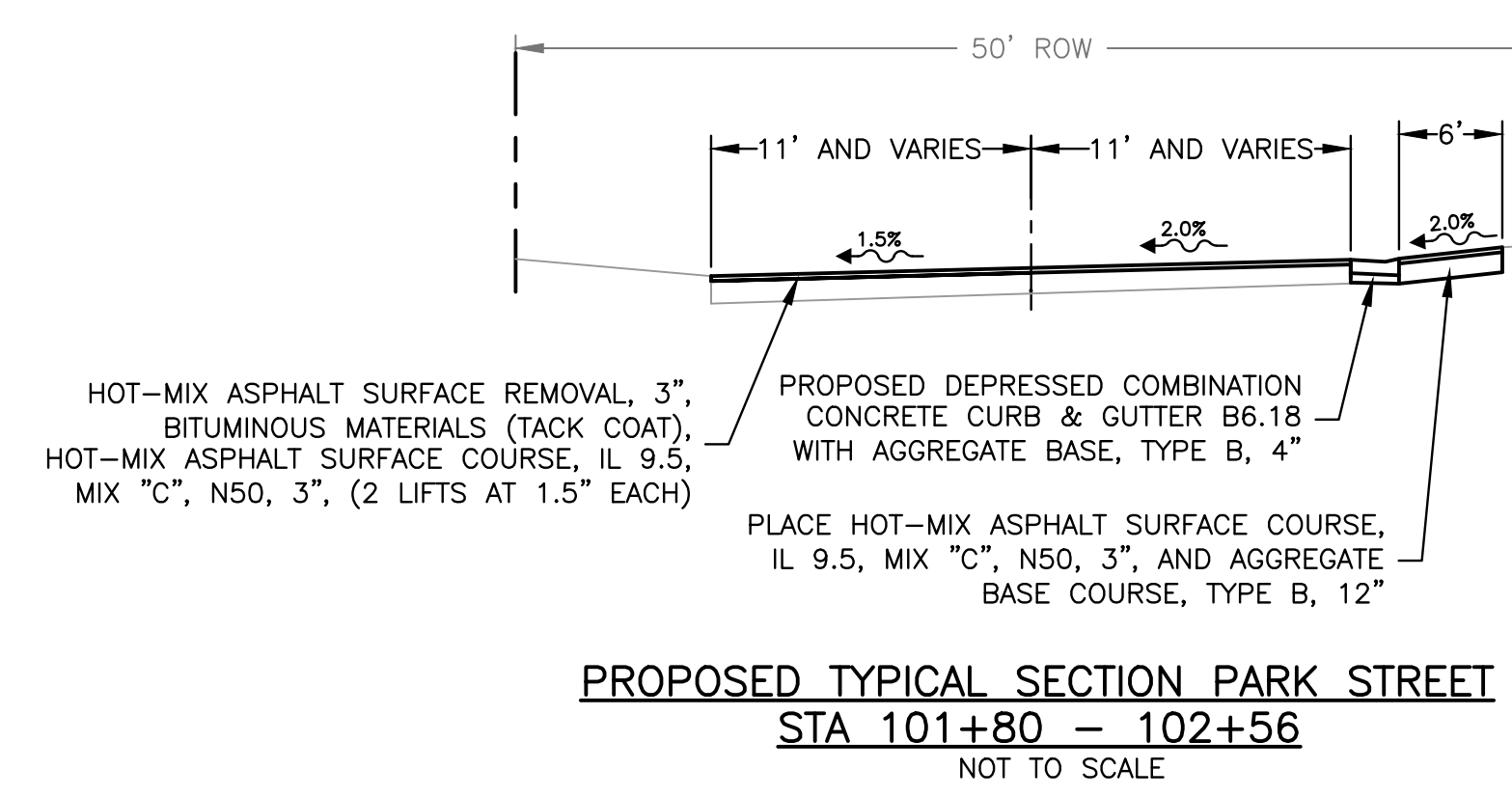
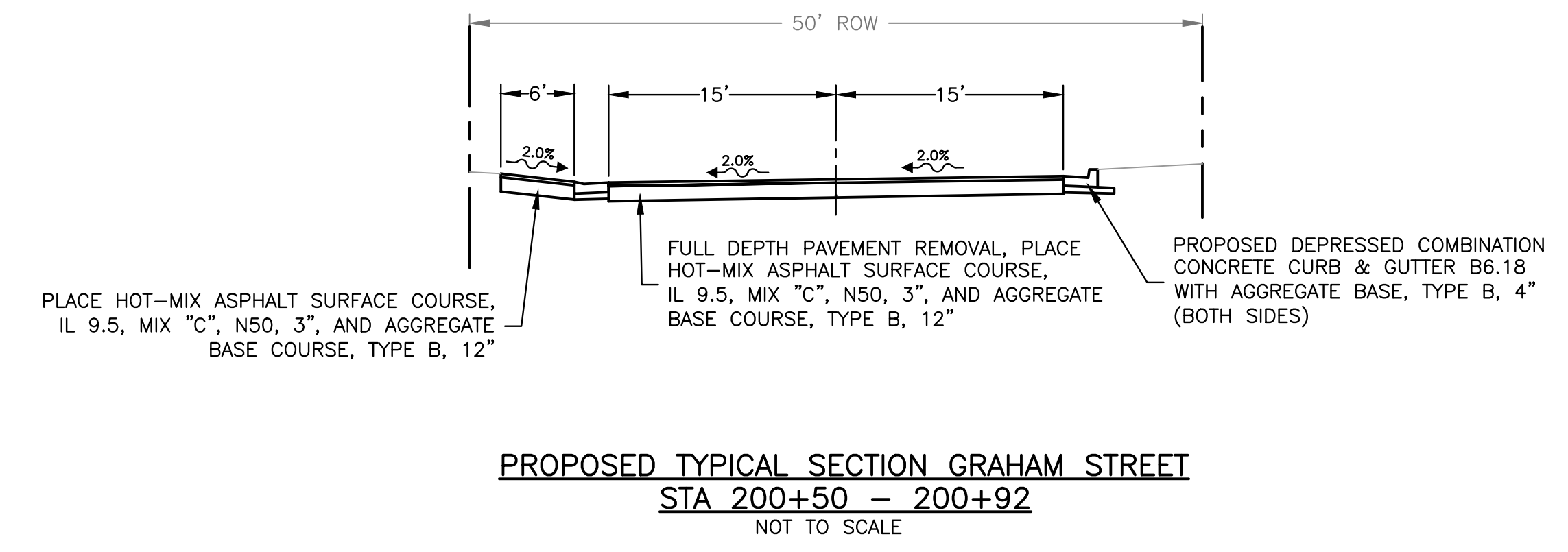
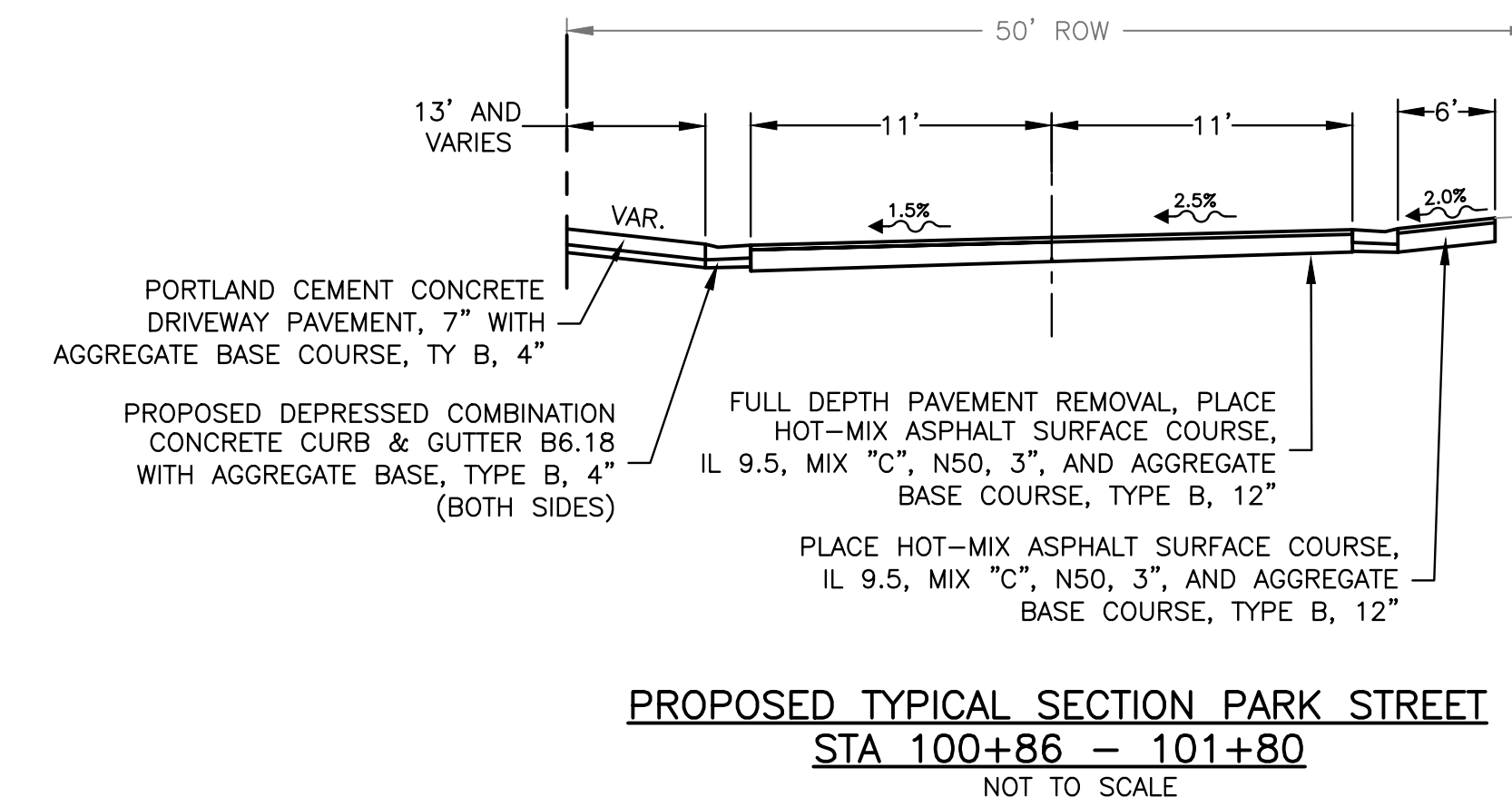
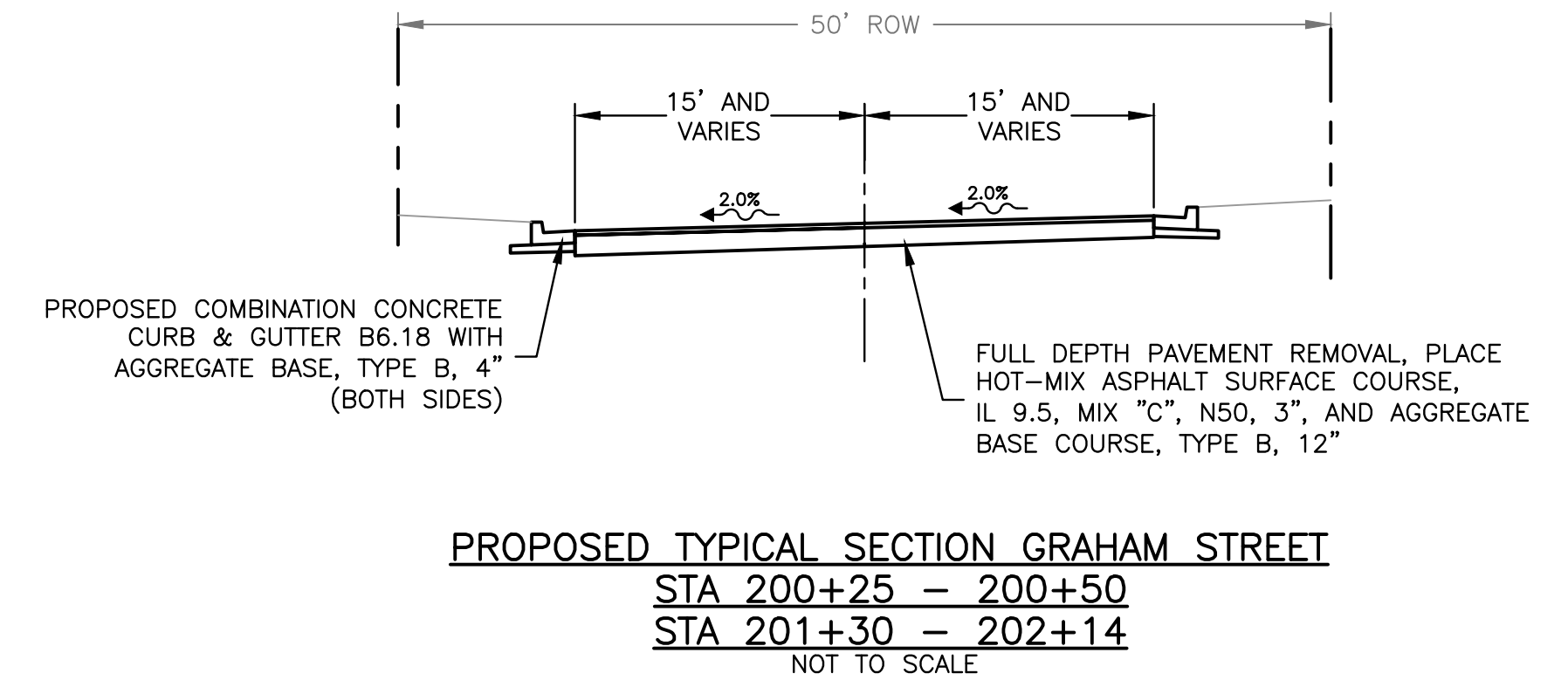
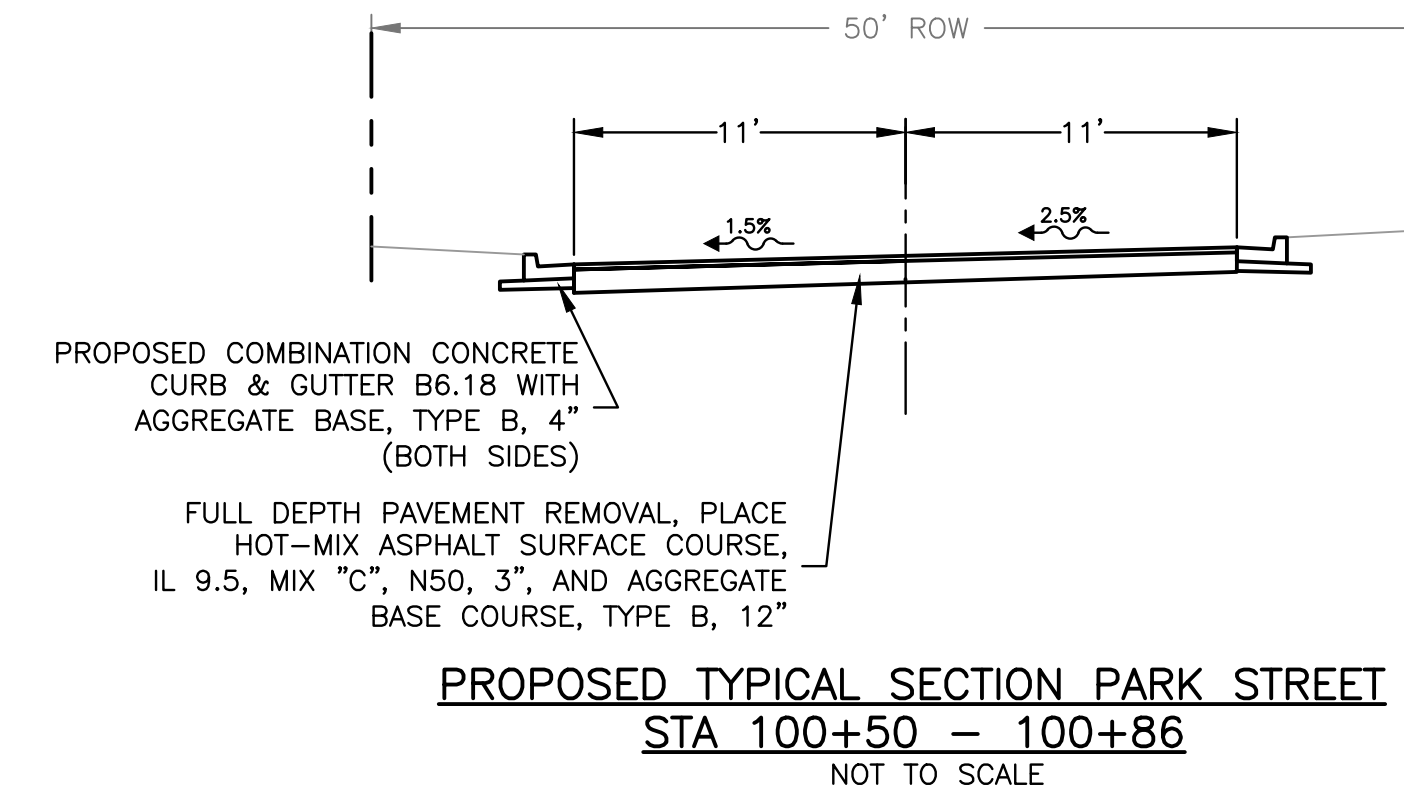
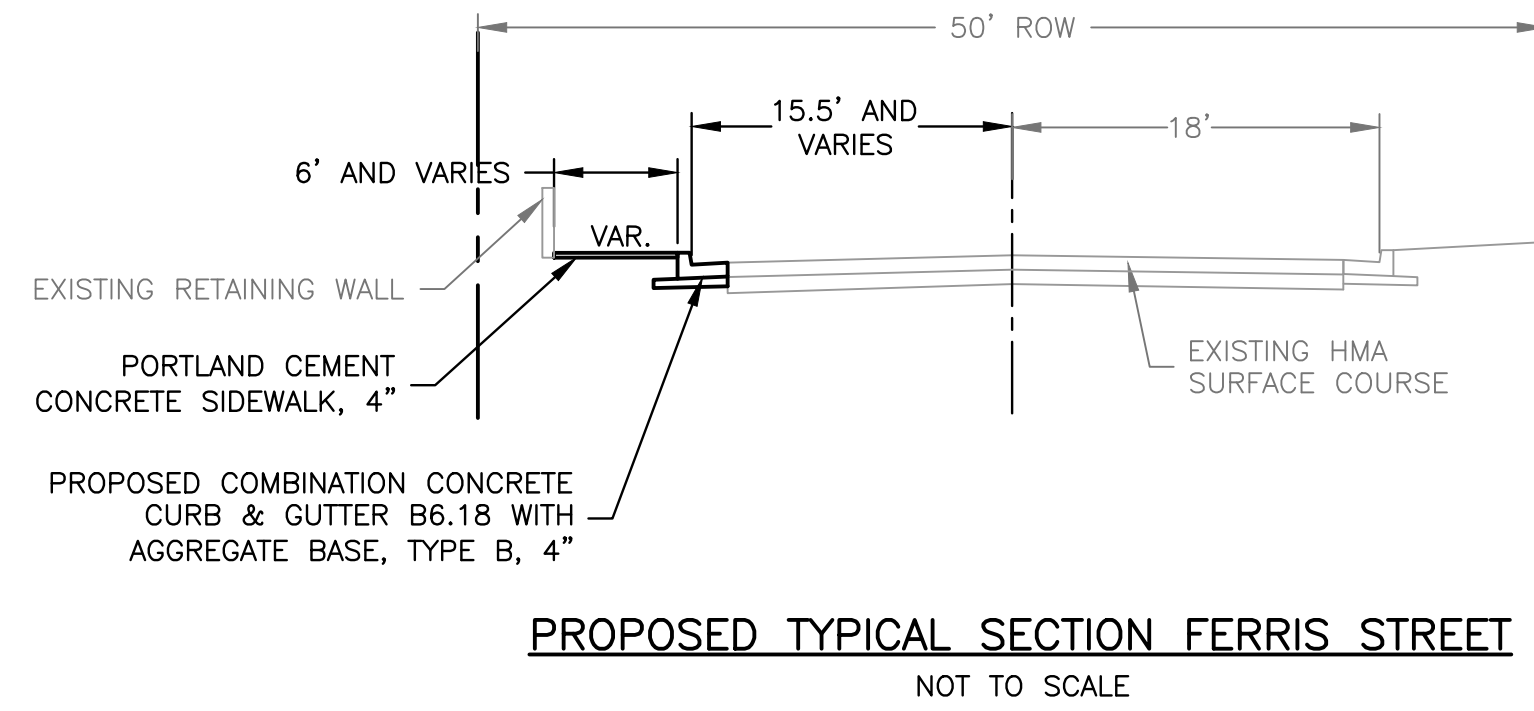
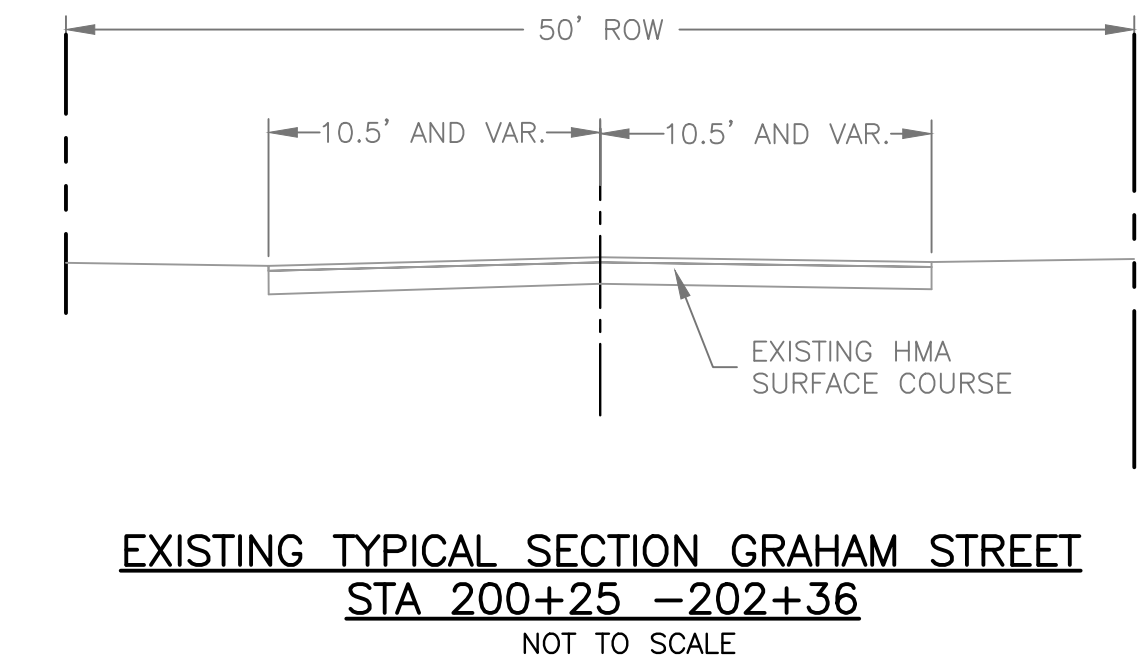
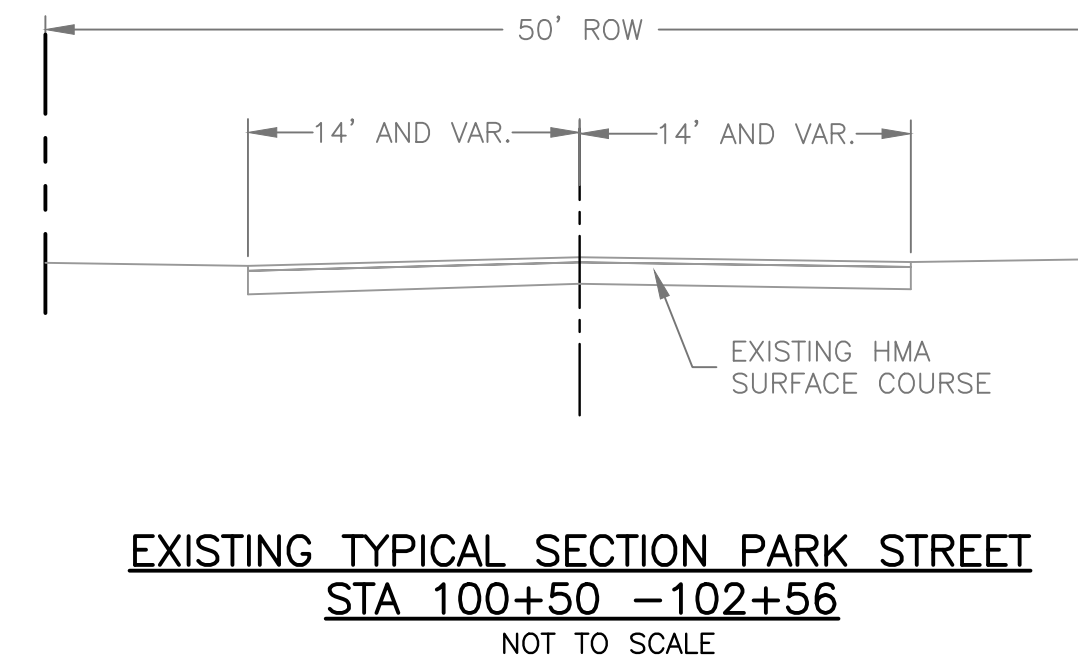
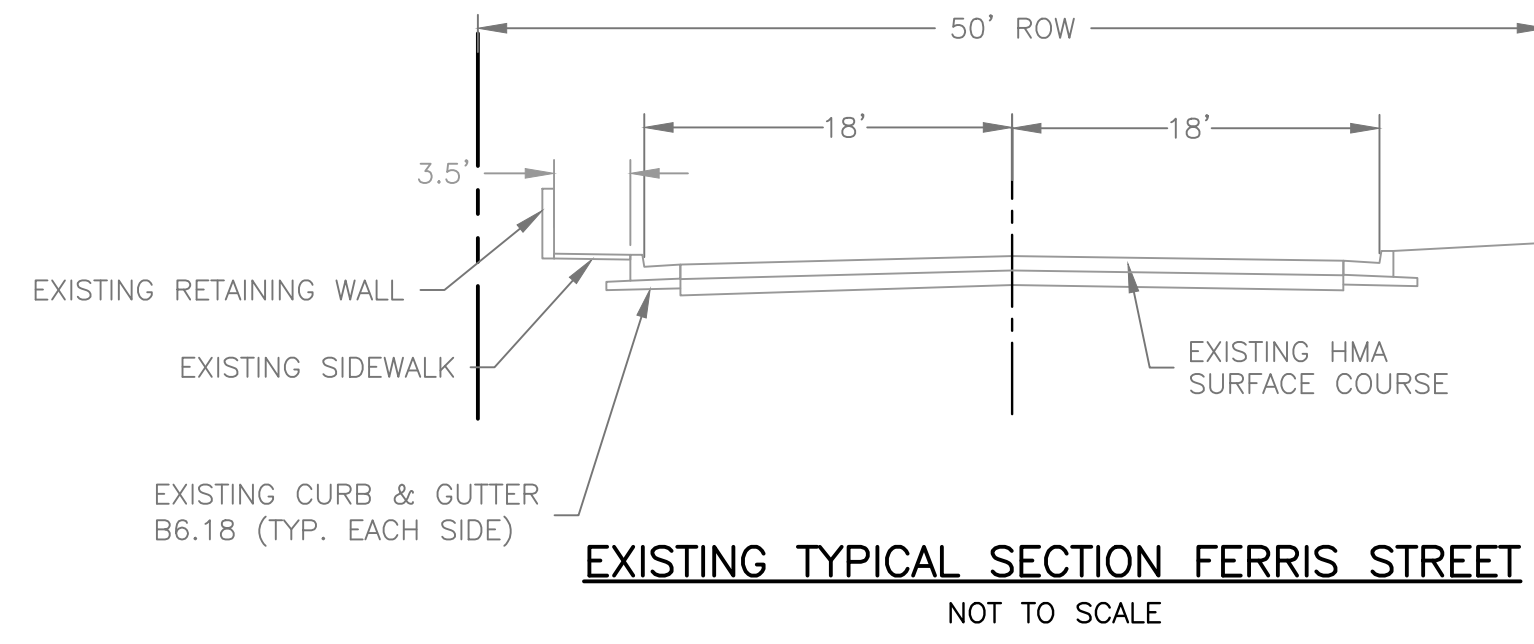


**PROPOSED TYPICAL SECTION 4TH AVENUE**  
STA 79+61 - 84+39  
NOT TO SCALE

REVISIONS		
REV. NO.	DESCRIPTION	DATE

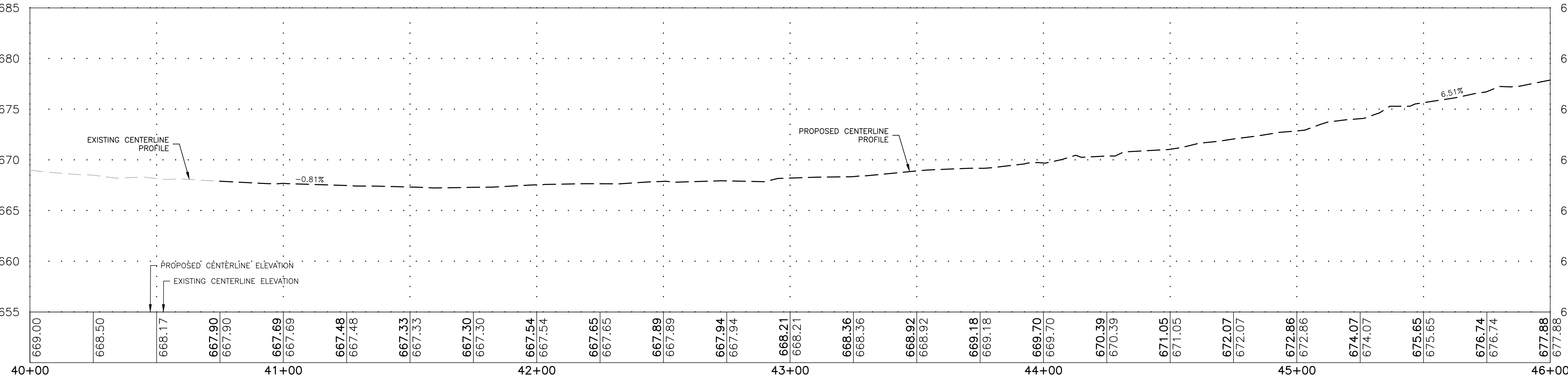
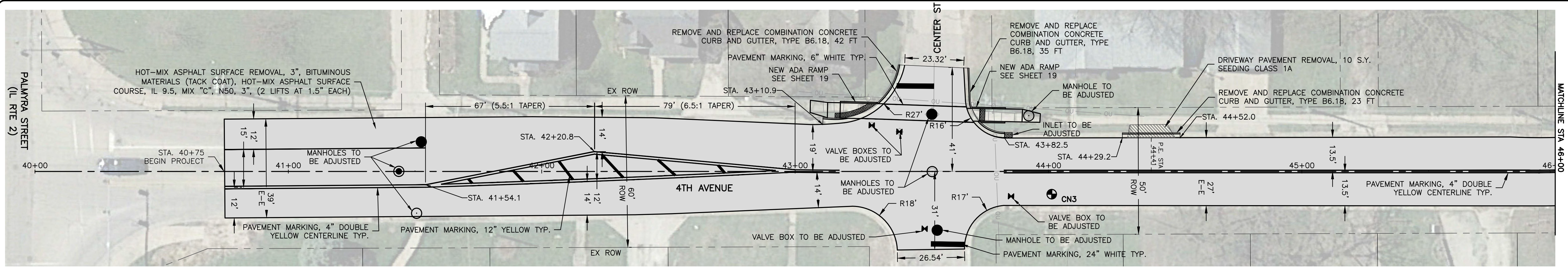
THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

LOCATION:	PARK STREET/ GRAHAM STREET
MIXTURE USE(S):	SURFACE
PG:	PG 58-28
DESIGN AIR VOIDS:	3.0 % @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5
FRICTION AGGREGATE:	C
MIXTURE WEIGHT:	112 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA
SUBLOT SIZE:	-
NUMBER OF ROLLER PASSES:	-



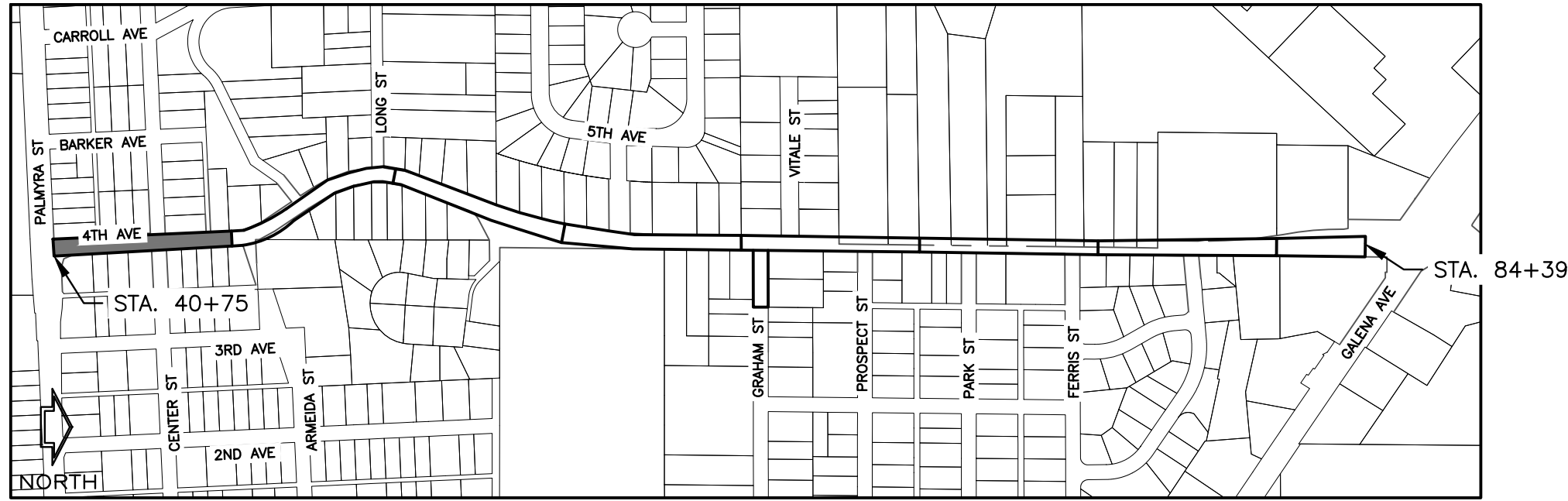
REVISIONS		
REV. NO.	DESCRIPTION	DATE



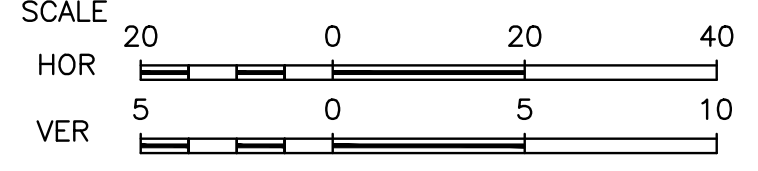
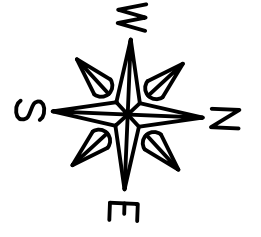


**LEGEND**

- MILL AND PLACE HOT MIX ASPHALT PAVEMENT (SEE TYPICAL SECTIONS)
- NEW CONCRETE PAVEMENT



LOCATION MAP  
NOT TO SCALE



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

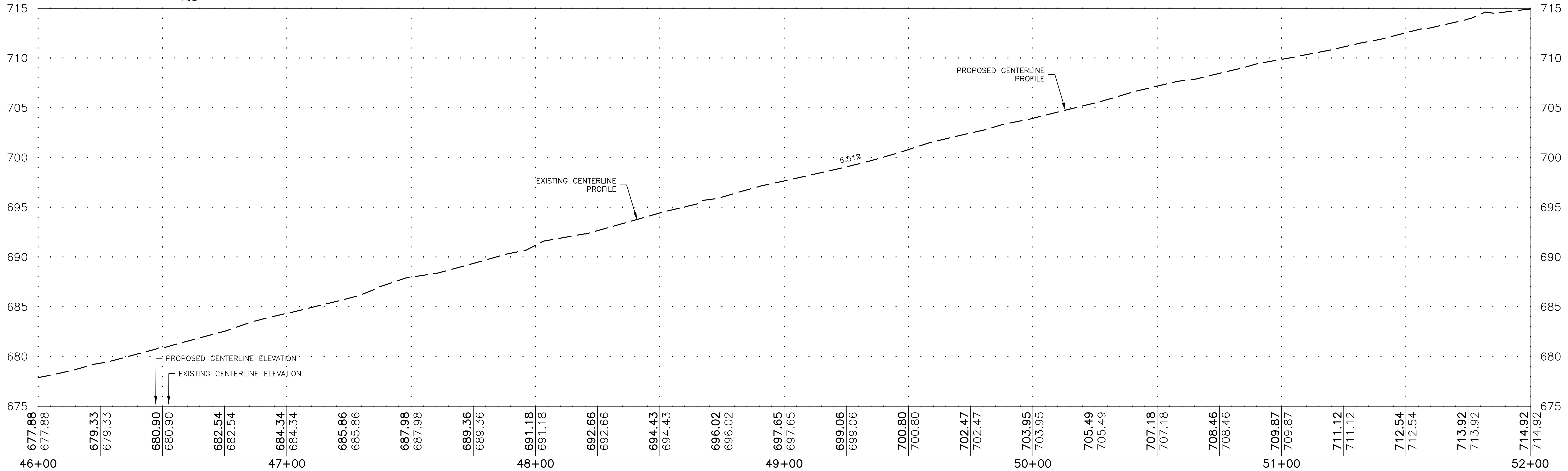
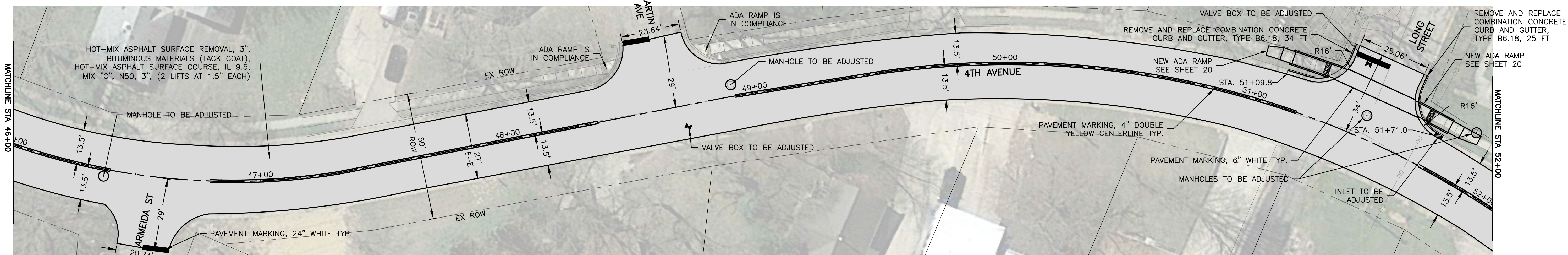
PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
4TH AVENUE PLAN AND PROFILE STA.  
40+00 TO 46+00  
SET TYPE: PRELIMINARY  
G:\C30\18-833A\18-833 - Design Adwg, 4TH AVE-1

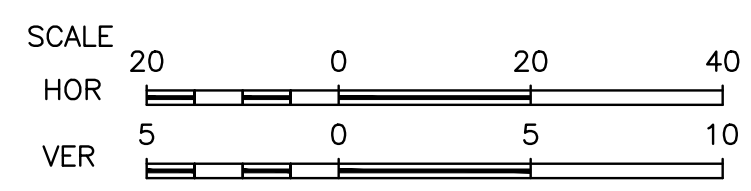
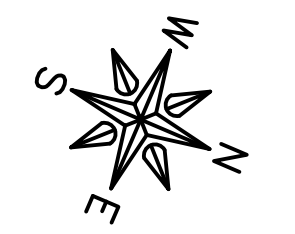
JOB NUMBER:  
18-833A  
SHEET NUMBER:  
9 of 35



LOCATION MAP  
NOT TO SCALE

**LEGEND**

	MILL AND PLACE HOT MIX ASPHALT PAVEMENT (SEE TYPICAL SECTIONS)
	NEW CONCRETE PAVEMENT



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
4TH AVENUE PLAN AND PROFILE STA.  
46+00 TO 52+00

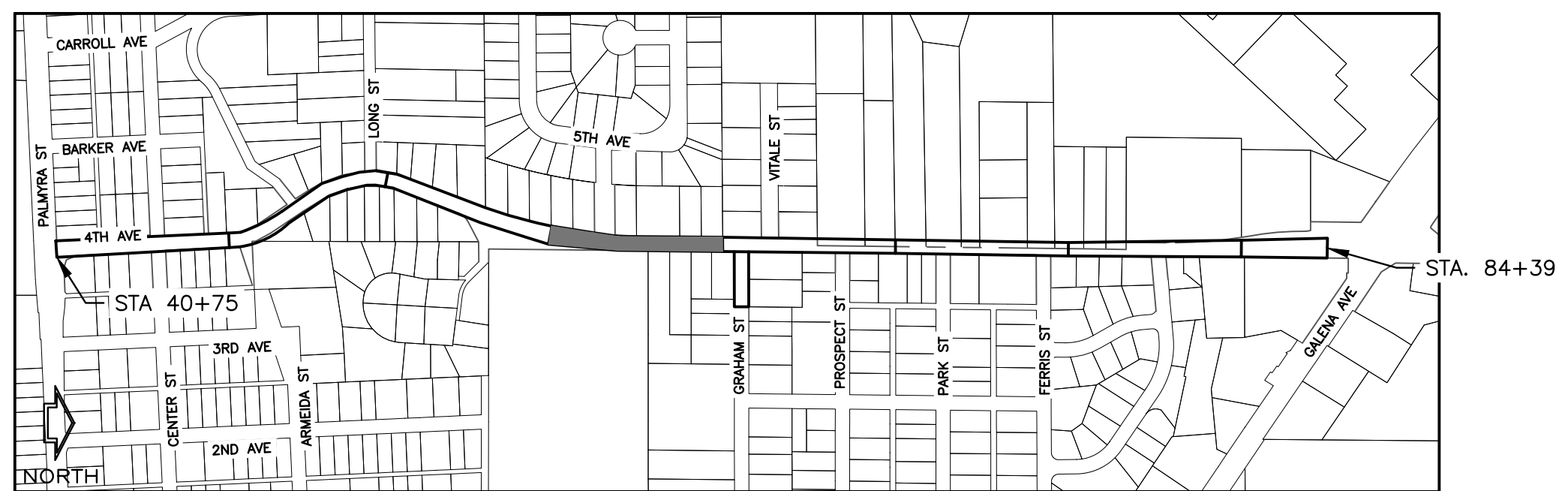
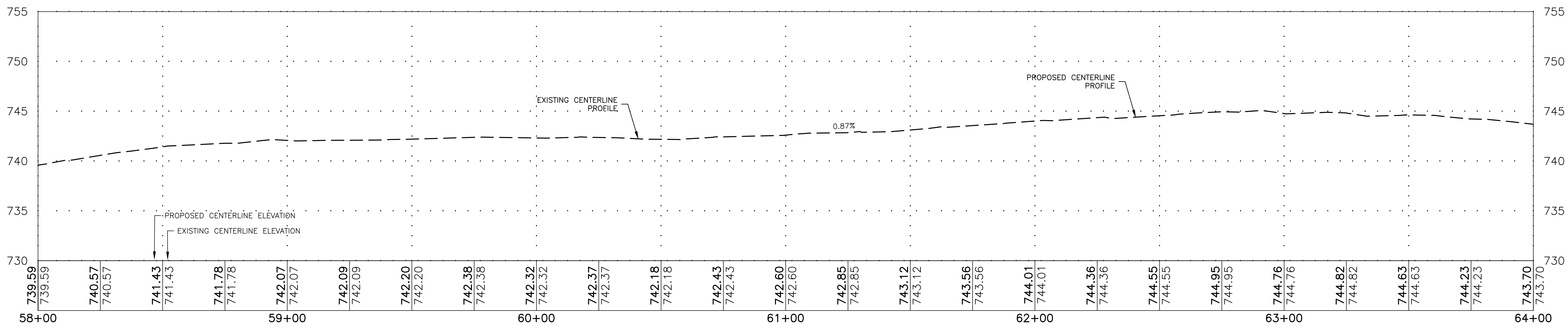
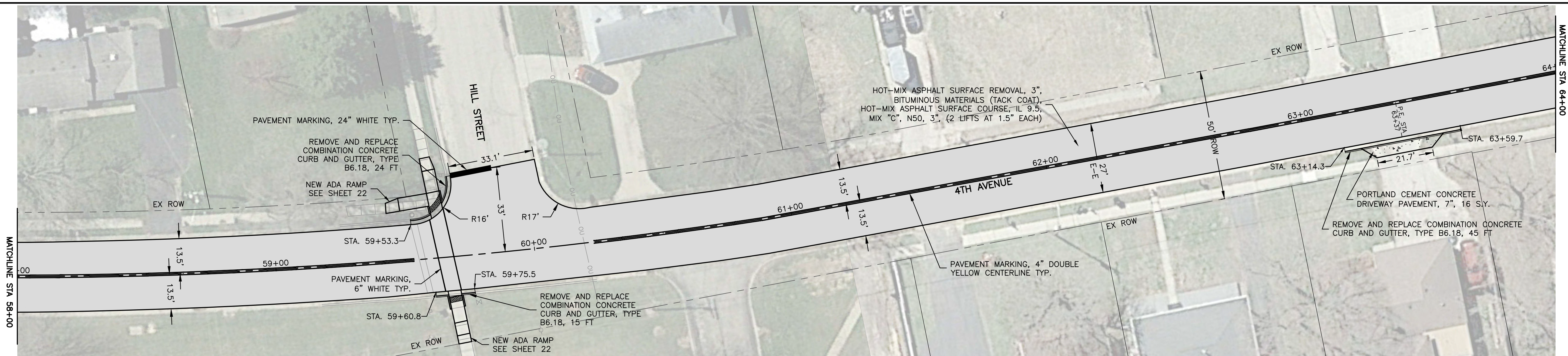
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G:\30\18\18-833A\18-833 - Design Adwg, 4TH AVE-2

Contract # 85693

JOB NUMBER:  
18-833A

SHEET NUMBER:  
10 of 35

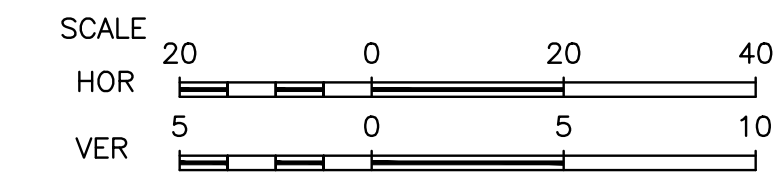
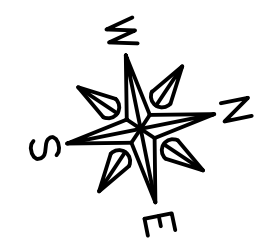




LOCATION MAP  
NOT TO SCALE

**LEGEND**

- MILL AND PLACE HOT MIX ASPHALT PAVEMENT (SEE TYPICAL SECTIONS)
- NEW CONCRETE PAVEMENT



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

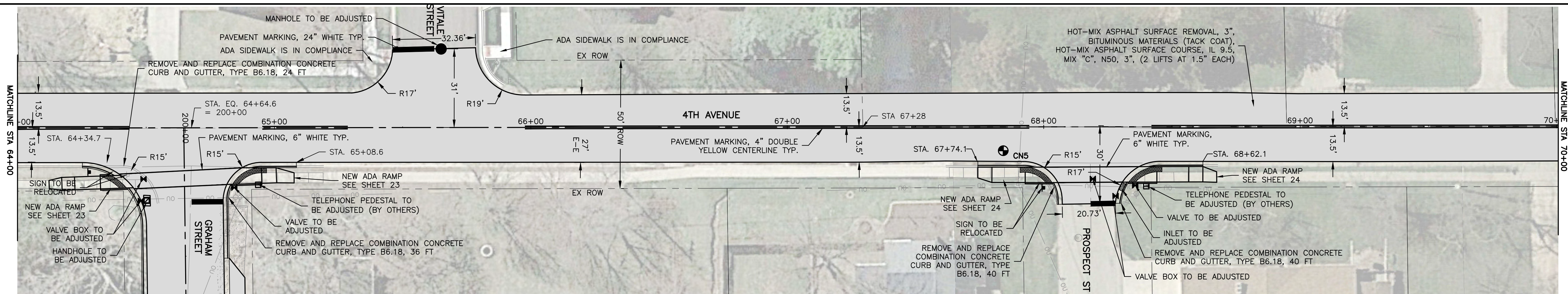
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
4TH AVENUE PLAN AND PROFILE STA.  
58+00 TO 64+00

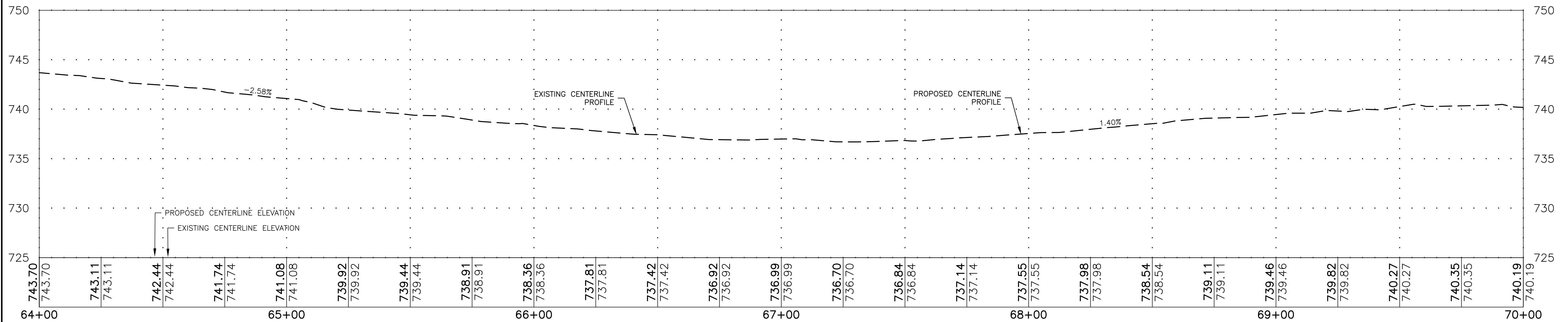
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G:\C30\18-833A\18-833 - Design Advg, 4TH AVE-4

JOB NUMBER:  
18-833A

SHEET NUMBER:  
12 of 35



SEE SHEET 17

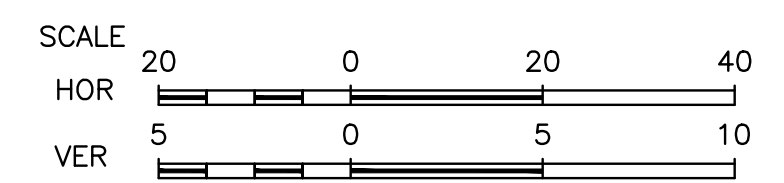
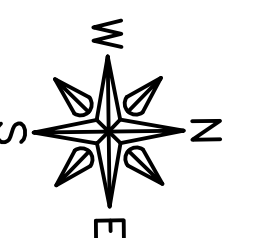


**LEGEND**

- MILL AND PLACE HOT MIX ASPHALT PAVEMENT (SEE TYPICAL SECTIONS)
- NEW CONCRETE PAVEMENT



**LOCATION MAP**  
NOT TO SCALE



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

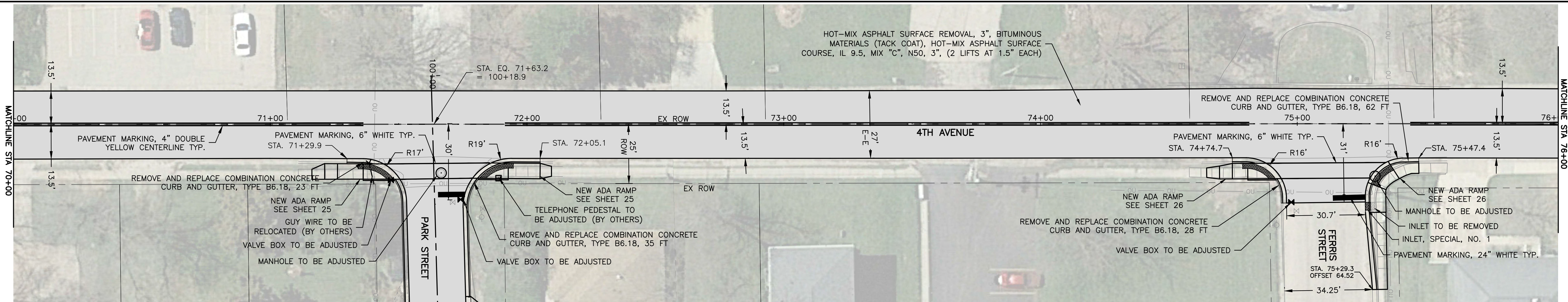
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
4TH AVENUE PLAN AND PROFILE STA.  
64+00 TO 70+00

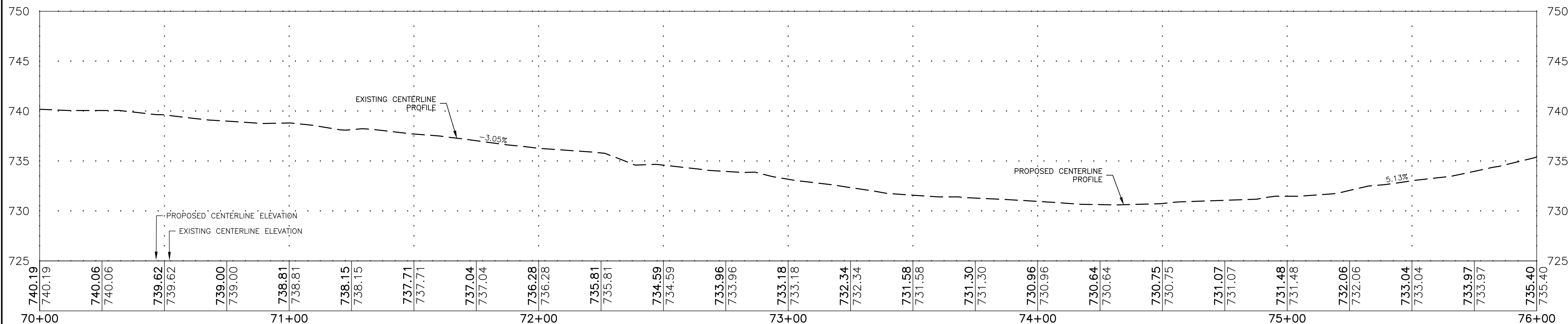
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G:\C30\18-833A\18-833 - Design Advg, 4TH AVE-5

JOB NUMBER:  
18-833A

SHEET NUMBER:  
13 of 35

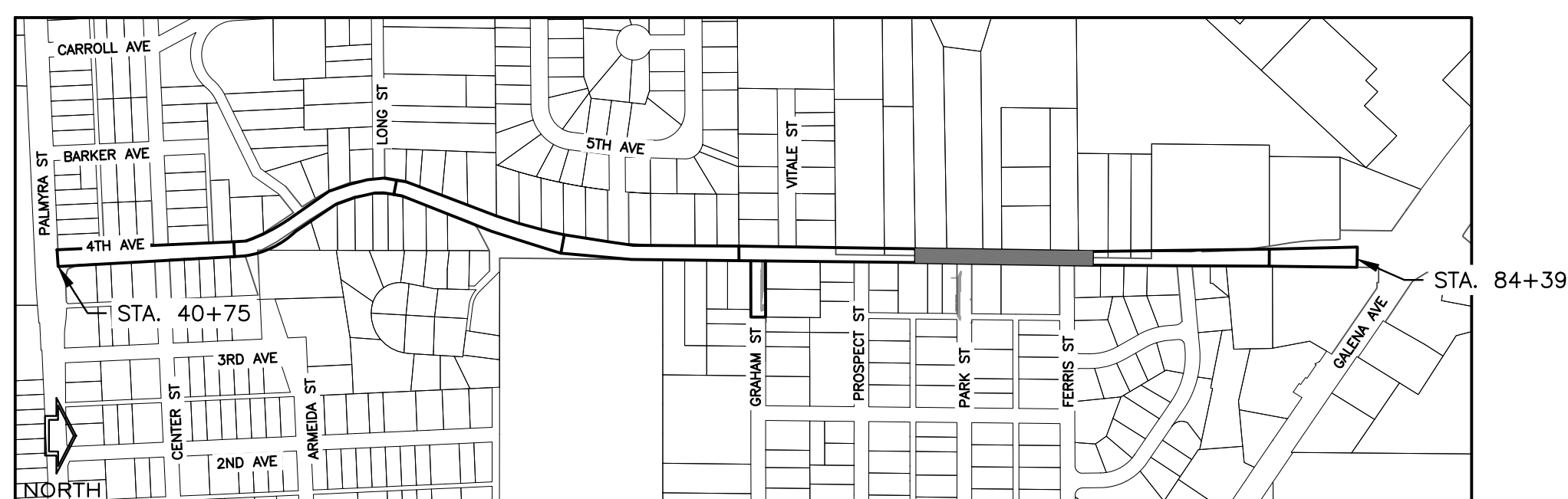


SEE SHEET 18

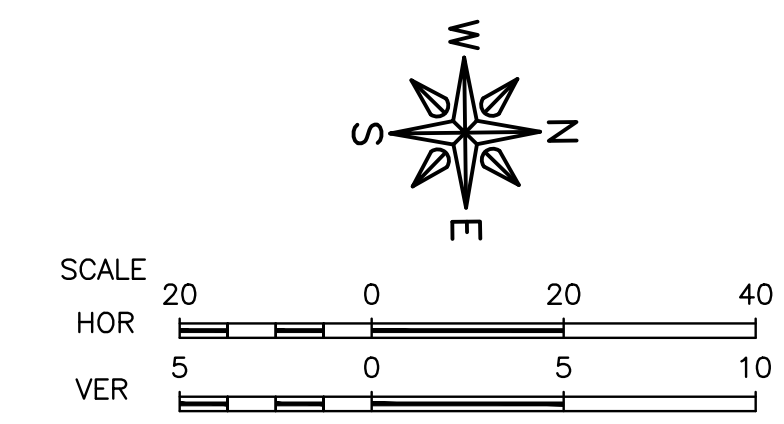


**LEGEND**

- MILL AND PLACE HOT MIX ASPHALT PAVEMENT (SEE TYPICAL SECTIONS)
- NEW CONCRETE PAVEMENT



**LOCATION MAP**  
NOT TO SCALE



**FEHR GRAHAM**  
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ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

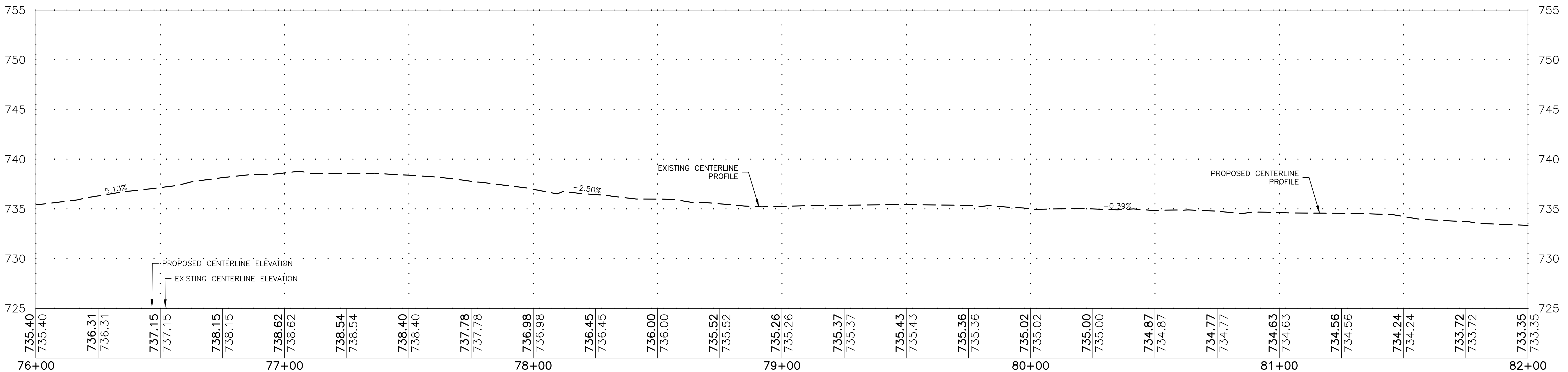
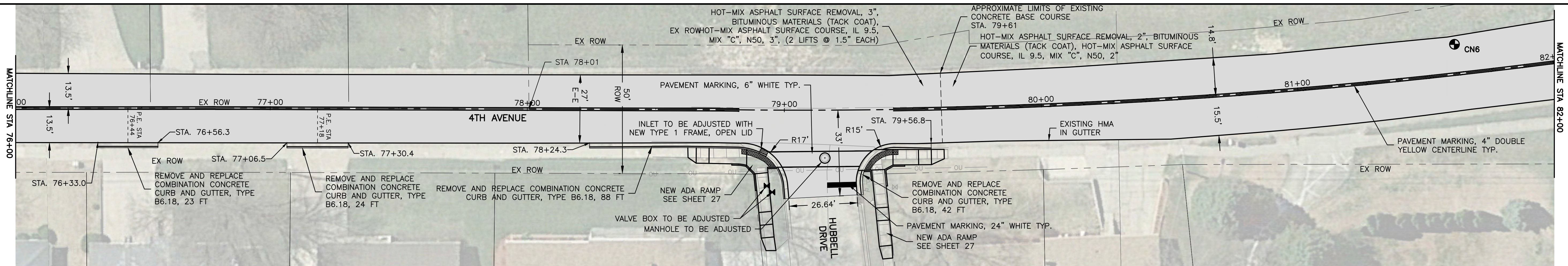
PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

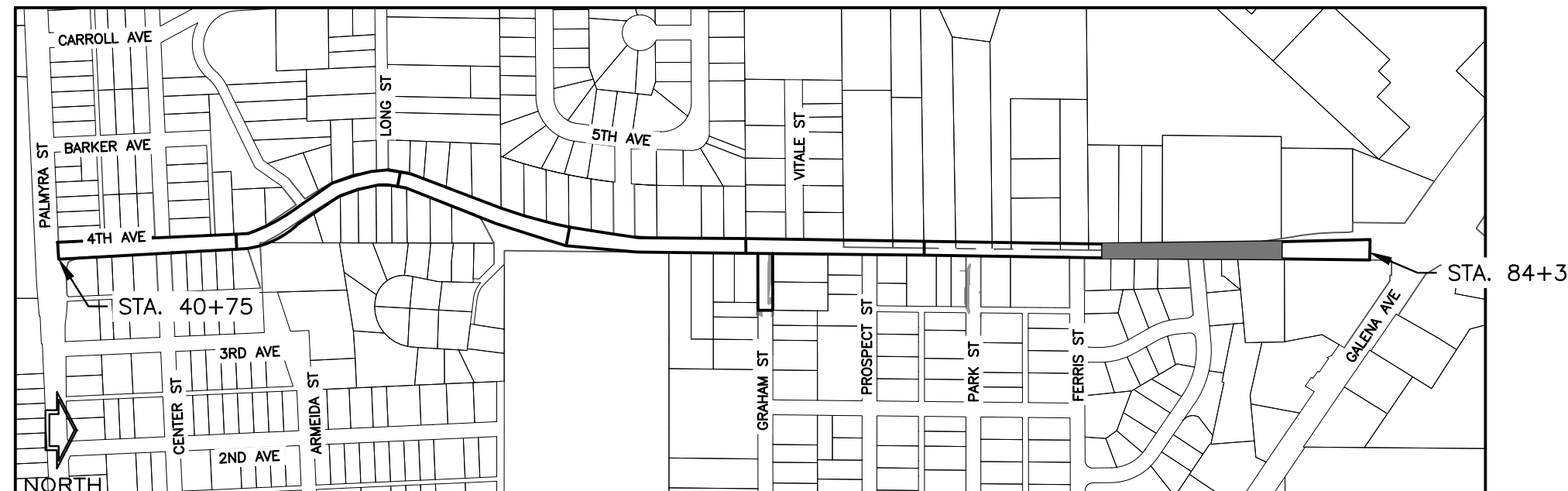
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
4TH AVENUE PLAN AND PROFILE STA.  
70+00 TO 76+00  
SET TYPE: **PRELIMINARY**  
G:\CSD\18-833A\18-833 - Design Adwg, 4TH AVE-6

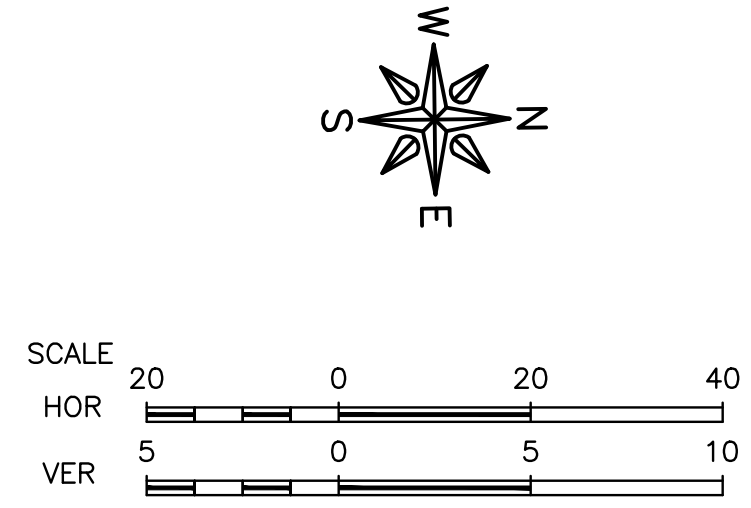
JOB NUMBER:  
**18-833A**  
SHEET NUMBER:  
**14 of 35**



- LEGEND**
- MILL AND PLACE HOT MIX ASPHALT PAVEMENT (SEE TYPICAL SECTIONS)
  - NEW CONCRETE PAVEMENT



LOCATION MAP  
NOT TO SCALE



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

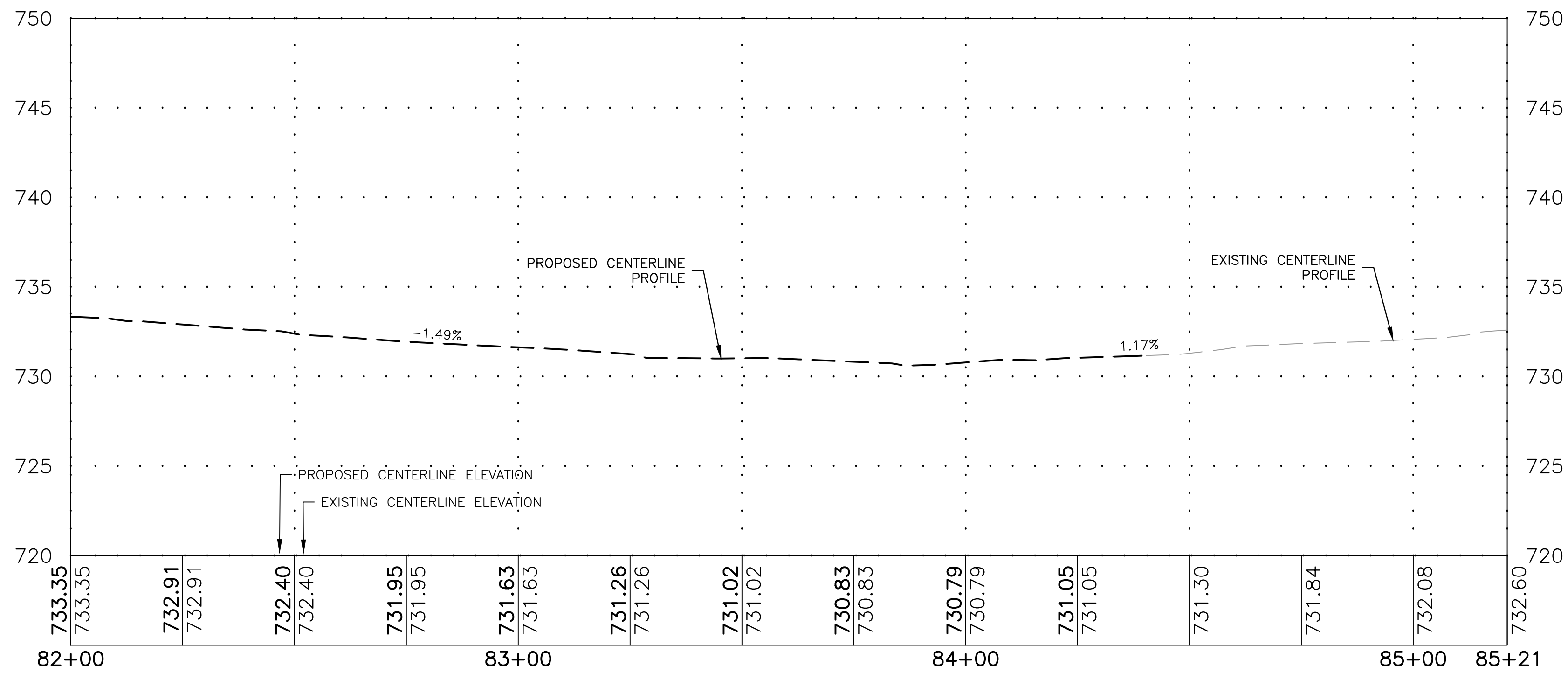
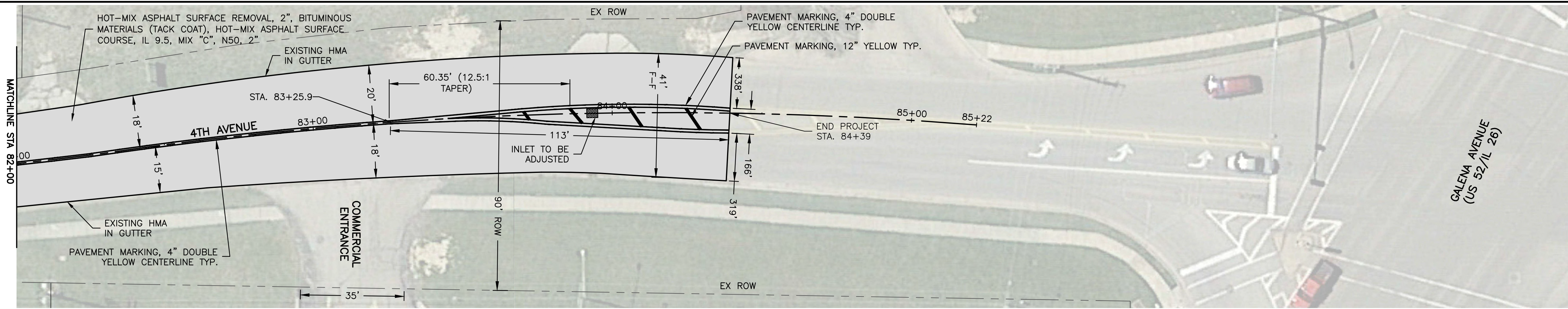
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
4TH AVENUE PLAN AND PROFILE STA.  
76+00 TO 82+00

SET TYPE: PRELIMINARY  
G:\C30\18-833A\18-833 - Design Advg, 4TH AVE-7

JOB NUMBER:  
18-833A

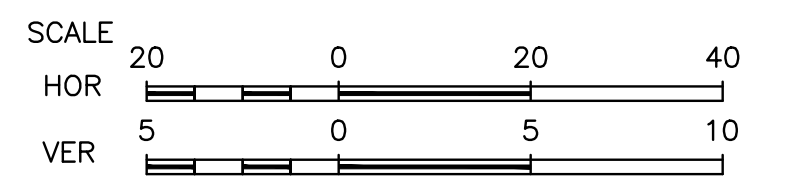
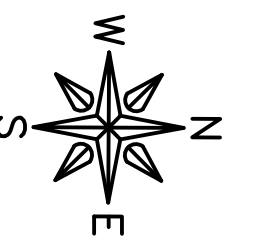
SHEET NUMBER:  
15 of 35



LOCATION MAP  
NOT TO SCALE

**LEGEND**

- MILL AND PLACE HOT MIX ASPHALT PAVEMENT (SEE TYPICAL SECTIONS)
- NEW CONCRETE PAVEMENT



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
4TH AVENUE PLAN AND PROFILE  
STA. 82+00 TO 85+21



SET TYPE: PRELIMINARY  
G:\C30\18-833A\18-833 - Design Adwg, 4TH AVE-8

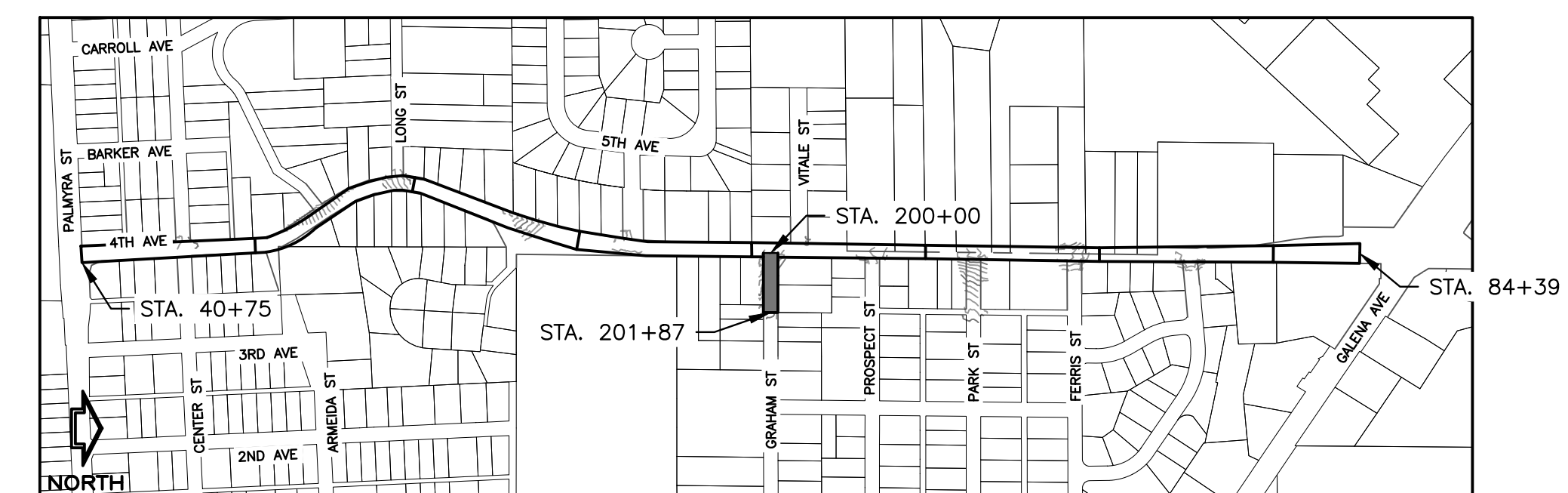
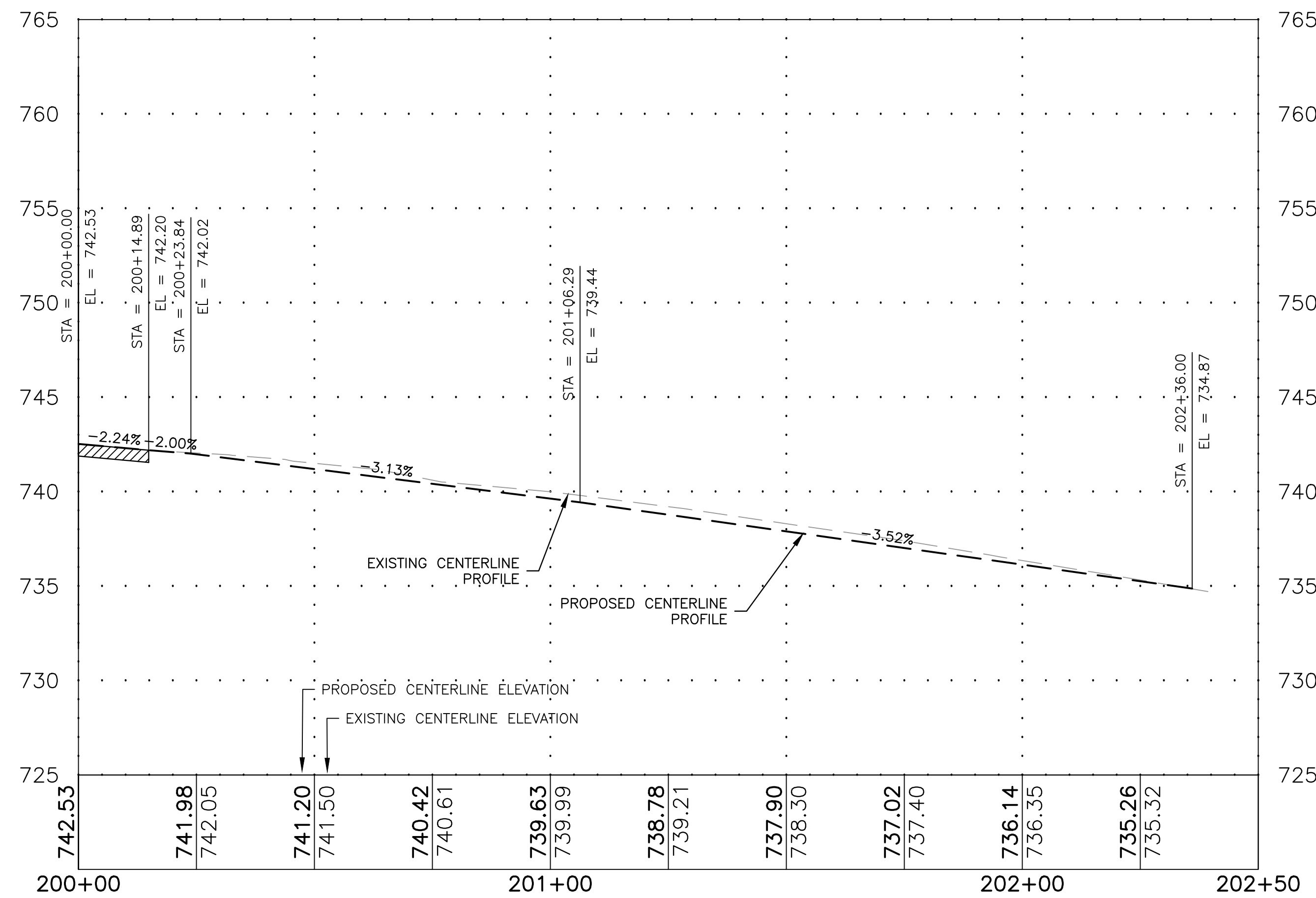
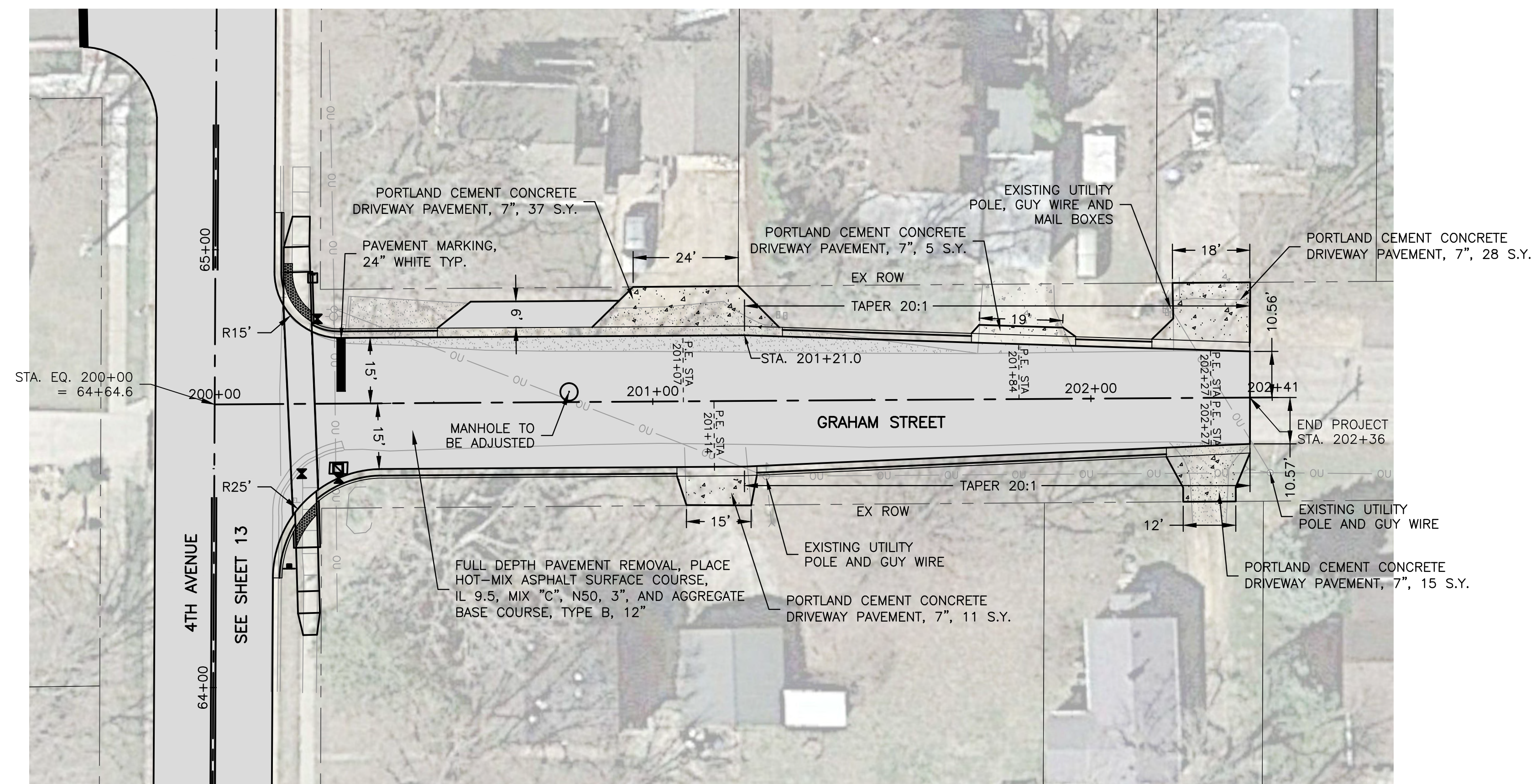
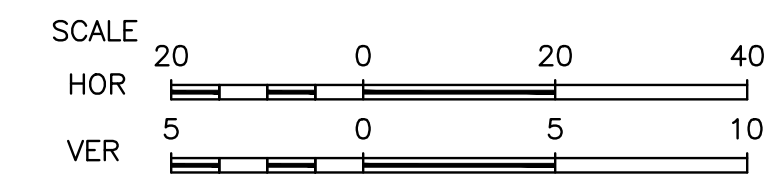
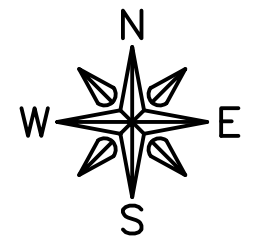
JOB NUMBER:  
18-833A

SHEET NUMBER:  
16 of 35



**LEGEND**

-  MILL AND PLACE HOT MIX ASPHALT PAVEMENT (SEE TYPICAL SECTIONS)
-  NEW CONCRETE PAVEMENT



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

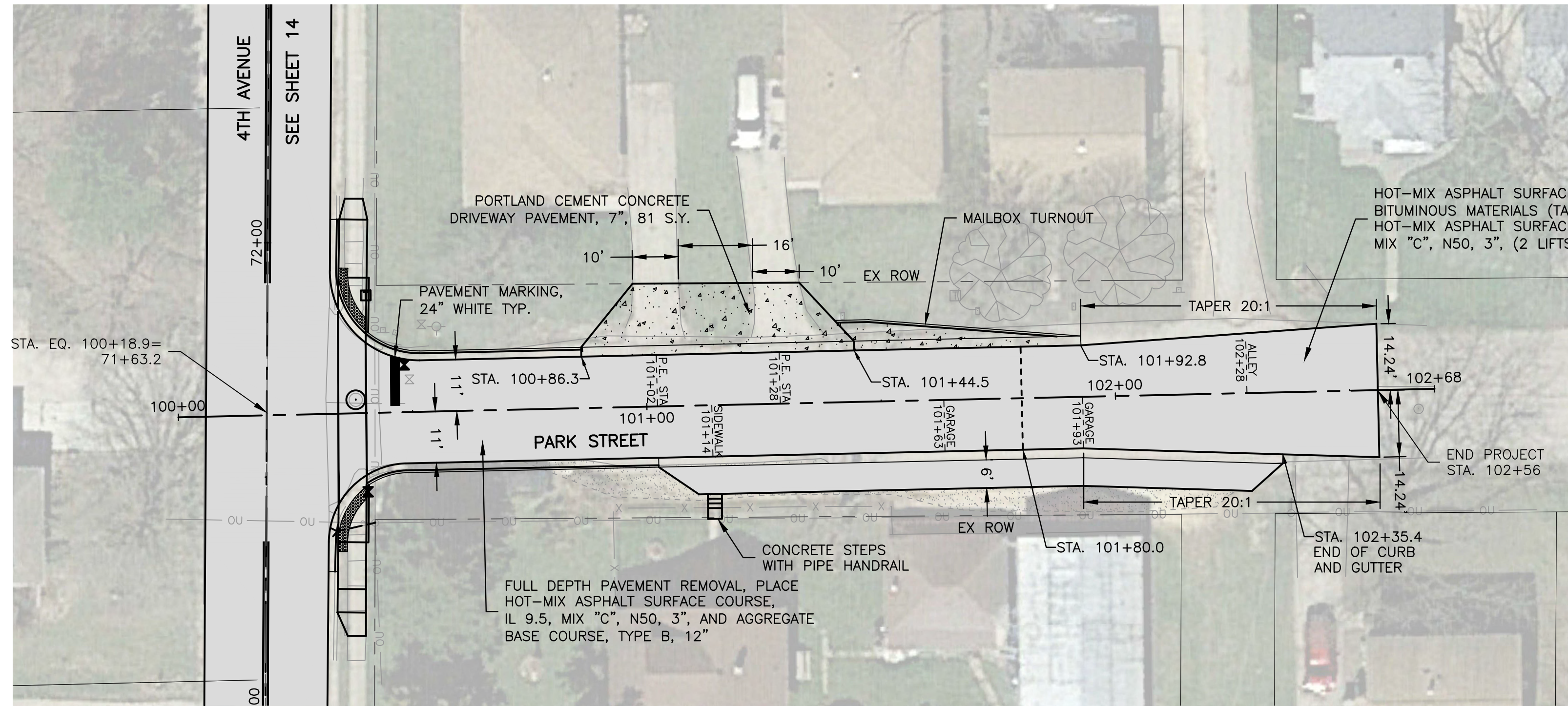
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
GRAHAM STREET PLAN AND PROFILE STA.  
200+00 TO 202+00

SET TYPE: **PRELIMINARY**  
G:\C30\18\18-833A\18-833 - Design Advg, GRAHAM P&P

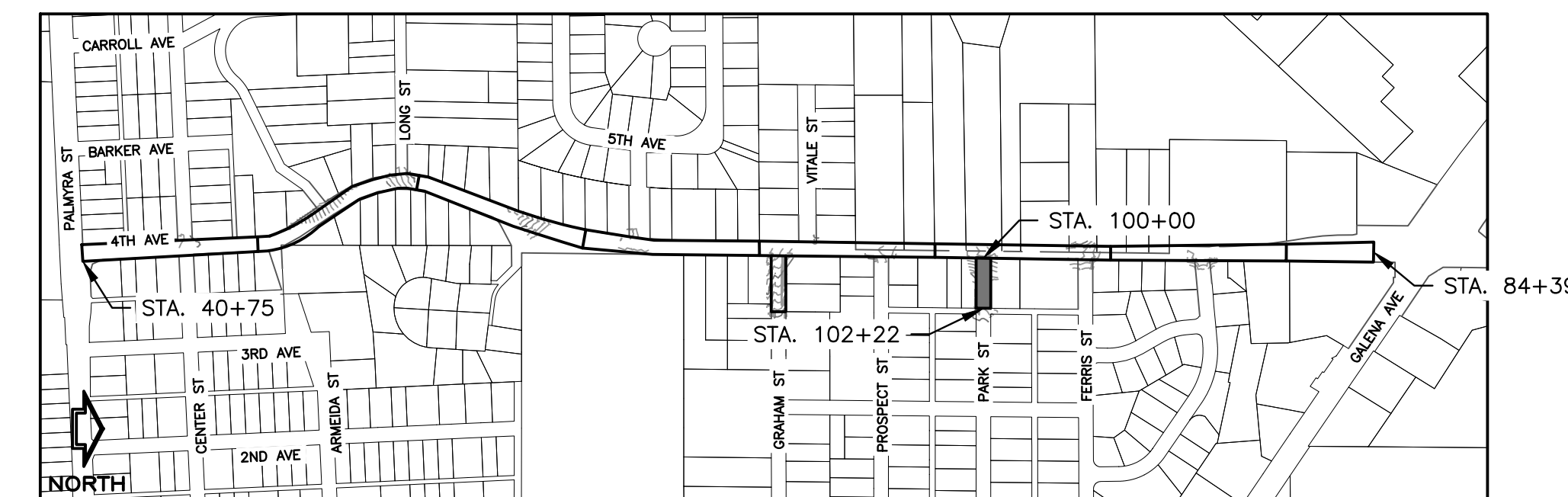
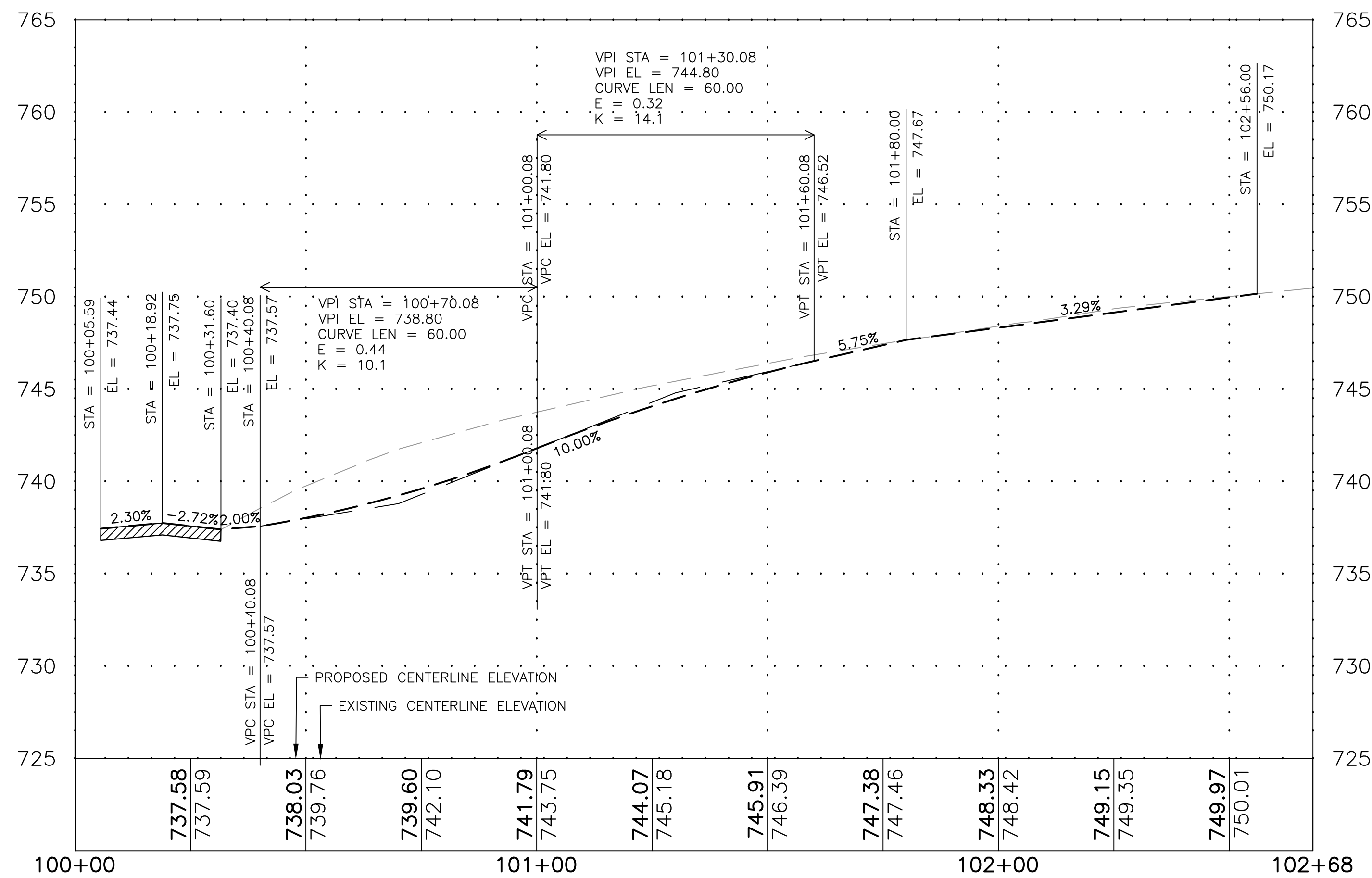
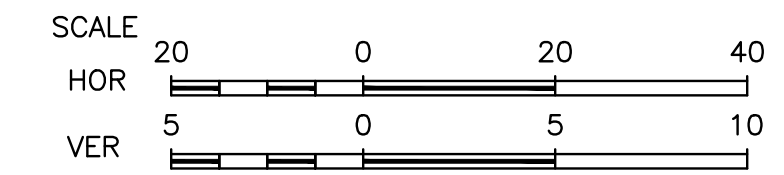
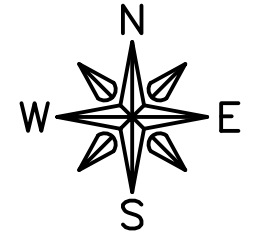
JOB NUMBER:  
18-833A

SHEET NUMBER:  
17 of 35



**LEGEND**

- MILL AND PLACE HOT MIX ASPHALT PAVEMENT (SEE TYPICAL SECTIONS)
- NEW CONCRETE PAVEMENT



**LOCATION MAP**

NOT TO SCALE

**FEHR GRAHAM**

ENGINEERING & ENVIRONMENTAL

ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:

CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:

CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

PARK STREET PLAN AND PROFILE STA. 100+00 TO 102+22

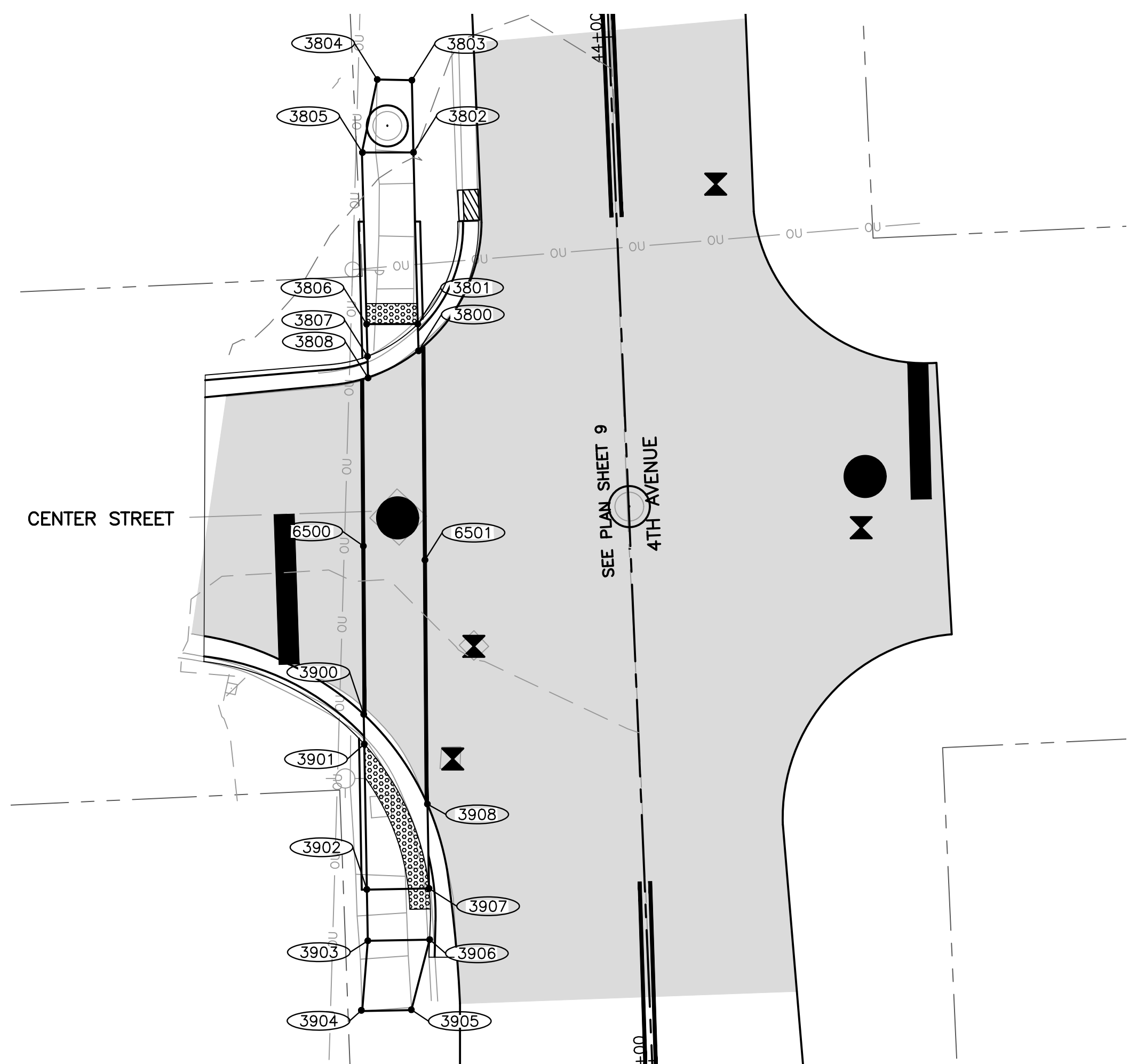
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G:\C3D\18\18-833A\18-833 - Design Advg, PARK P&P

JOB NUMBER:

18-833A

SHEET NUMBER:

18 of 35



POINT TO POINT	SIDEWALK DESIGNATIONS	DISTANCE	Δ ELEVATION	SLOPE	ACCEPTABLE RANGE (POS. or NEG.)		COMMENTS	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES				
					FT	FT		MIN.	MAX.	POINT	STATION	OFFSET
3800	3801	SIDEWALK RUNNING SLOPE	2.50	0.03	1.20%	0.50%	5.00%		3800			669.25
3801	3802	RAMP RUNNING SLOPE	16.75	0.70	4.18%	0.50%	8.33%		3801			669.28
3802	3803	SIDEWALK RUNNING SLOPE	7.00	0.27	3.86%	0.50%	5.00%		3802			669.98
3803	3804	SIDEWALK CROSS SLOPE	4.00	0.20	5.00%	0.50%	2.00%	MATCH EXISTING	3803			670.25
3804	3805	SIDEWALK RUNNING SLOPE	7.00	0.54	7.71%	0.50%	5.00%	MATCH EXISTING	3804			670.45
3805	3806	RAMP RUNNING SLOPE	16.75	0.70	4.18%	0.50%	8.33%		3805			669.91
3806	3807	LANDING	3.25	0.02	0.62%	0.10%	2.00%		3806			669.21
3807	3808	SIDEWALK RUNNING SLOPE	2.00	0.02	1.00%	0.50%	5.00%		3807			669.19
3800	3808	SIDEWALK CROSS SLOPE	5.75	0.08	1.39%	0.50%	2.00%		3808			669.17
3801	3807	LANDING	6.00	0.09	1.50%	0.10%	2.00%					
3801	3806	LANDING	5.00	0.07	1.40%	0.10%	2.00%					
3802	3805	SIDEWALK CROSS SLOPE	5.00	0.07	1.40%	0.50%	2.00%					
3900	3901	SIDEWALK RUNNING SLOPE	3.00	0.04	1.33%	0.50%	5.00%		3900			668.49
3901	3902	LANDING	14.00	0.17	1.21%	0.10%	2.00%		3901			668.53
3902	3903	RAMP RUNNING SLOPE	5.00	0.06	1.20%	0.50%	8.33%		3902			668.70
3903	3904	SIDEWALK RUNNING SLOPE	7.00	0.09	1.29%	0.50%	5.00%		3903			668.76
3904	3905	SIDEWALK CROSS SLOPE	5.00	0.18	3.60%	0.50%	2.00%	MATCH EXISTING	3904			668.85
3905	3906	SIDEWALK RUNNING SLOPE	7.00	0.02	0.29%	0.50%	5.00%		3905			668.67
3906	3907	RAMP RUNNING SLOPE	5.00	0.08	1.60%	0.50%	8.33%		3906			668.69
3907	3908	SIDEWALK RUNNING SLOPE	8.00	0.20	2.50%	0.50%	5.00%		3907			668.61
3900	3908	SIDEWALK CROSS SLOPE	11.00	0.08	0.73%	0.50%	2.00%		3908			668.41
3901	3907	LANDING	15.50	0.08	0.52%	0.10%	2.00%					
3902	3907	LANDING	6.00	0.09	1.50%	0.10%	2.00%					
3903	3906	SIDEWALK CROSS SLOPE	6.00	0.07	1.17%	0.50%	2.00%					
6500	6501	SIDEWALK CROSS SLOPE	6.00	0.06	1.00%	0.50%	2.00%		6500			669.08
6500	3808	SIDEWALK RUNNING SLOPE	16.00	0.09	0.56%	0.50%	5.00%		6501			669.14
6500	3900	SIDEWALK RUNNING SLOPE	16.00	0.59	3.69%	0.50%	5.00%		3800			669.25
6501	3800	SIDEWALK RUNNING SLOPE	21.50	0.11	0.51%	0.50%	5.00%		3808			669.17
6501	3908	SIDEWALK RUNNING SLOPE	21.50	0.73	3.40%	0.50%	5.00%		3900			668.49
									3908			668.41

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

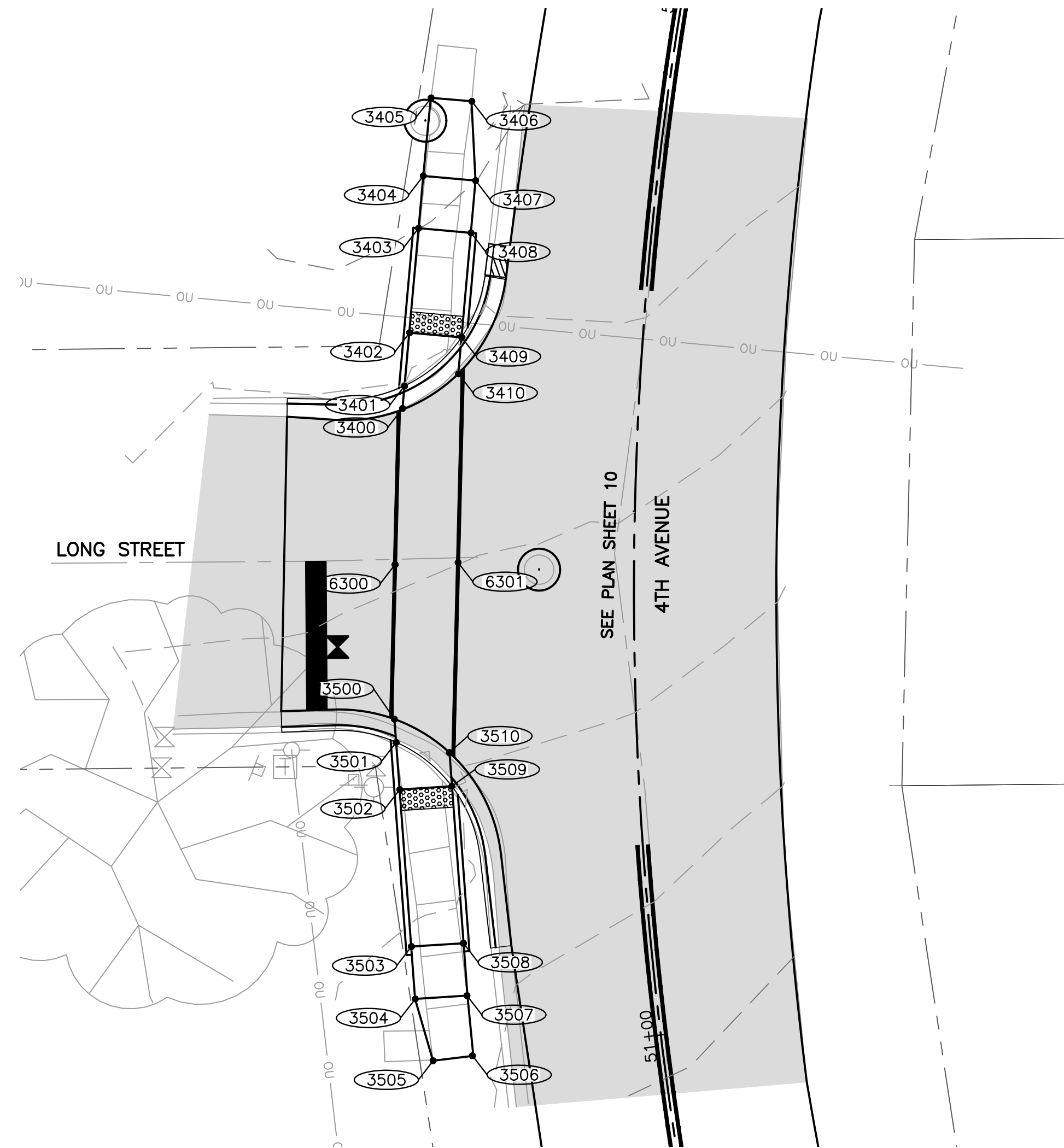
REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
ADA RAMPS - 4TH AVENUE & CENTER

SET TYPE: PRELIMINARY  
G:\C30\18-833A\Plans\18-833 A - PLANS.dwg, 4TH & Center

JOB NUMBER:  
18-833A

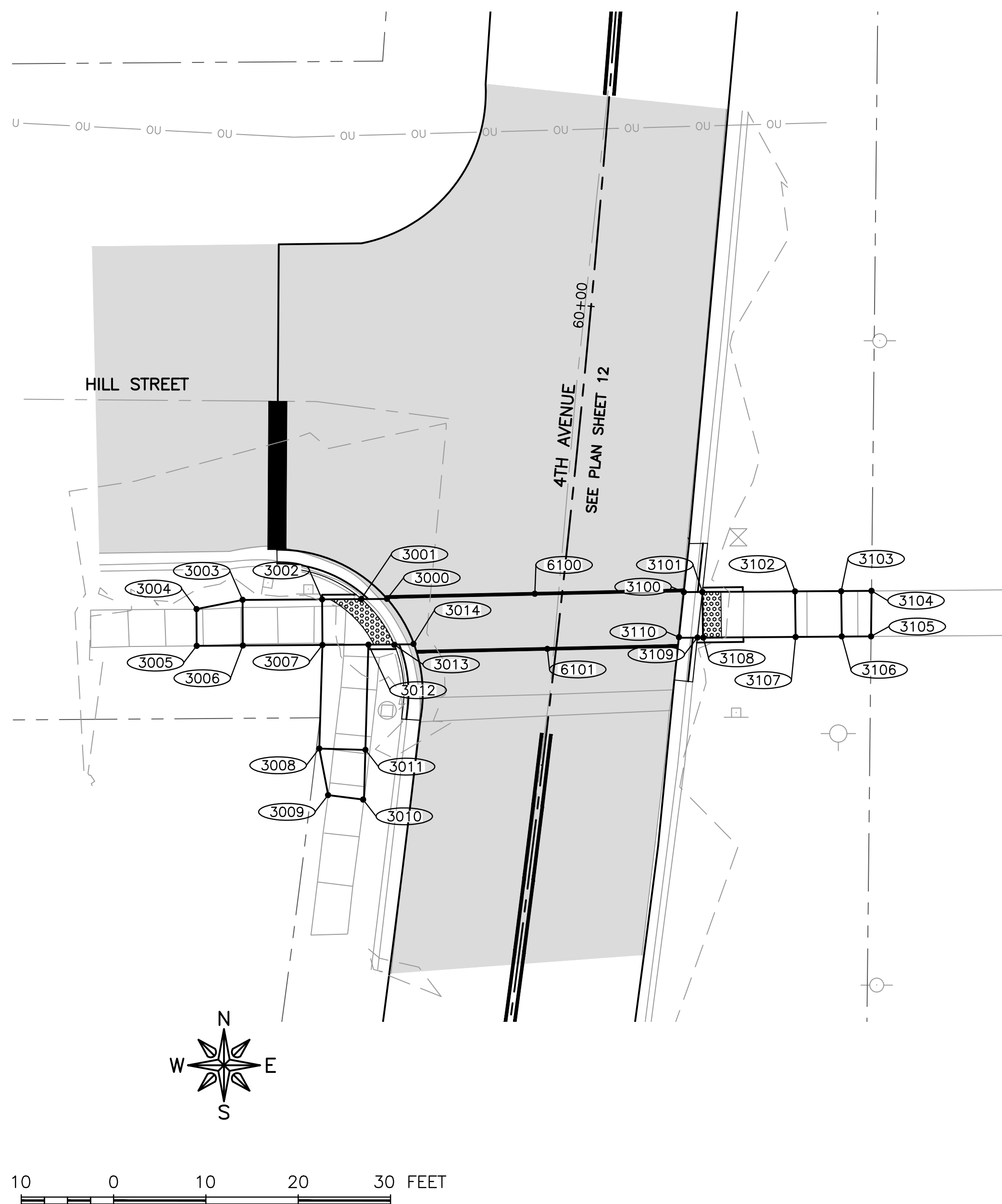
SHEET NUMBER:  
19 of 35



POINT TO POINT	SIDEWALK DESIGNATIONS	DISTANCE	Δ ELEVATION	SLOPE	ACCEPTABLE RANGE (POS. or NEG.)		COMMENTS	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES				
					FT	FT		%	MIN.	MAX.	POINT	STATION
3400	3401	SIDEWALK RUNNING SLOPE	2.00	0.02	1.00%	0.50%	5.00%		3400			714.35
3401	3402	LANDING	5.00	0.08	1.60%	0.10%	2.00%		3401			714.37
3402	3403	RAMP RUNNING SLOPE	10.00	0.75	7.50%	0.50%	8.33%		3402			714.45
3403	3404	LANDING	5.00	0.08	1.60%	0.10%	2.00%		3403			715.20
3404	3405	RAMP RUNNING SLOPE	7.00	0.35	5.00%	0.50%	6.50%	STREET GRADE	3404			715.28
3405	3406	SIDEWALK CROSS SLOPE	4.00	0.05	1.25%	0.50%	2.00%	MATCH EXISTING	3405			715.63
3406	3407	RAMP RUNNING SLOPE	7.00	0.36	5.14%	0.50%	6.50%	STREET GRADE	3406			715.58
3407	3408	LANDING	5.00	0.07	1.40%	0.10%	2.00%		3407			715.22
3408	3409	RAMP RUNNING SLOPE	10.00	0.75	7.50%	0.50%	8.33%		3408			715.15
3409	3410	SIDEWALK RUNNING SLOPE	1.00	0.01	1.00%	0.50%	5.00%		3409			714.40
3400	3410	LANDING	6.20	0.04	0.65%	0.10%	2.00%		3410			714.39
3401	3409	LANDING	7.70	0.03	0.39%	0.10%	2.00%					
3402	3409	LANDING	5.00	0.05	1.00%	0.10%	2.00%					
3403	3408	LANDING	5.00	0.05	1.00%	0.10%	2.00%					
3404	3407	LANDING	5.00	0.06	1.20%	0.10%	2.00%					
3500	3501	SIDEWALK RUNNING SLOPE	2.00	0.03	1.50%	0.50%	5.00%		3500			713.00
3501	3502	LANDING	5.00	0.09	1.80%	0.10%	2.00%		3501			712.97
3502	3503	RAMP RUNNING SLOPE	15.00	1.12	7.47%	0.50%	8.33%		3502			712.88
3503	3504	LANDING	5.00	0.07	1.40%	0.10%	2.00%		3503			711.76
3504	3505	RAMP RUNNING SLOPE	5.00	0.33	6.60%	0.50%	6.50%	STREET GRADE	3504			711.69
3505	3506	SIDEWALK CROSS SLOPE	4.00	0.00	0.00%	0.50%	2.00%	MATCH EXISTING	3505			711.36
3506	3507	RAMP RUNNING SLOPE	5.00	0.35	7.00%	0.50%	6.50%	STREET GRADE	3506			711.36
3507	3508	LANDING	5.00	0.07	1.40%	0.10%	2.00%		3507			711.71
3508	3509	RAMP RUNNING SLOPE	15.00	1.12	7.47%	0.50%	8.33%		3508			711.78
3509	3510	SIDEWALK RUNNING SLOPE	2.00	0.02	1.00%	0.50%	5.00%		3509			712.90
3500	3510	SIDEWALK CROSS SLOPE	6.10	0.08	1.31%	0.50%	2.00%		3510			712.92
3501	3509	LANDING	6.80	0.07	1.03%	0.10%	2.00%					
3502	3509	LANDING	5.00	0.02	0.40%	0.10%	2.00%					
3503	3508	LANDING	5.00	0.02	0.40%	0.10%	2.00%					
3504	3507	LANDING	5.00	0.02	0.40%	0.10%	2.00%					
6300	6301	SIDEWALK CROSS SLOPE	6.00	0.09	1.50%	0.50%	2.00%		6300			713.68
6300	3400	SIDEWALK RUNNING SLOPE	14.50	0.67	4.62%	0.50%	5.00%		6301			713.59
6300	3500	SIDEWALK RUNNING SLOPE	14.50	0.68	4.69%	0.50%	5.00%		3400			714.35
6301	3410	SIDEWALK RUNNING SLOPE	18.50	0.79	4.27%	0.50%	5.00%		3410			714.38
6301	3510	SIDEWALK RUNNING SLOPE	18.50	0.67	3.62%	0.50%	5.00%		3500			713.00
									3510			712.92

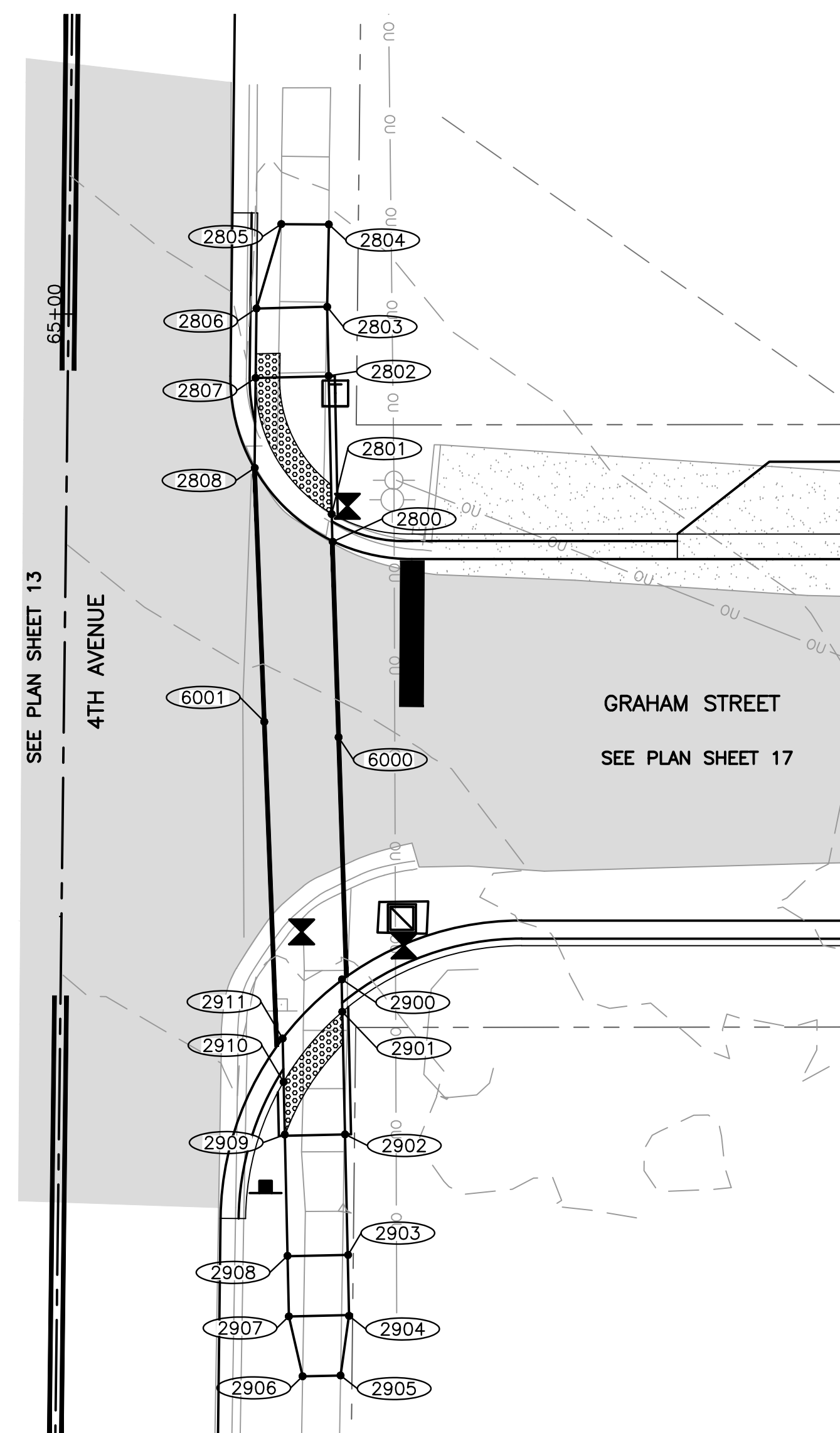
REVISIONS		
REV. NO.	DESCRIPTION	DATE





POINT TO POINT	SIDEWALK DESIGNATIONS	DISTANCE	Δ ELEVATION	SLOPE	ACCEPTABLE RANGE (POS. or NEG.)		COMMENTS	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES						
					FT	FT		%	MIN.	MAX.	POINT	STATION	OFFSET	ELEVATION
3000	3001	SIDEWALK RUNNING SLOPE	2.00	0.03	1.50%	0.50%	5.00%				3000			741.77
3001	3002	LANDING	4.25	0.04	0.94%	0.10%	2.00%				3001			741.80
3002	3003	SIDEWALK RUNNING SLOPE	8.50	0.31	3.65%	0.50%	5.00%				3002			741.84
3003	3004	SIDEWALK RUNNING SLOPE	5.00	0.10	2.00%	0.50%	5.00%				3003			742.15
3004	3005	SIDEWALK CROSS SLOPE	4.00	0.13	3.25%	0.50%	2.00%	MATCH EXISTING			3004			742.05
3005	3006	SIDEWALK RUNNING SLOPE	5.00	0.04	0.80%	0.50%	5.00%				3005			742.18
3006	3007	SIDEWALK RUNNING SLOPE	8.50	0.31	3.65%	0.50%	5.00%				3006			742.22
3007	3008	SIDEWALK RUNNING SLOPE	11.00	0.27	2.45%	0.50%	5.00%				3007			741.91
3008	3009	SIDEWALK RUNNING SLOPE	5.00	0.10	2.00%	0.50%	5.00%				3008			742.18
3009	3010	SIDEWALK CROSS SLOPE	4.00	0.18	4.50%	0.50%	2.00%	MATCH EXISTING			3009			742.28
3010	3011	SIDEWALK RUNNING SLOPE	5.00	0.03	0.60%	0.50%	5.00%				3010			742.10
3011	3012	SIDEWALK RUNNING SLOPE	11.00	0.27	2.45%	0.50%	5.00%				3011			742.13
3012	3013	LANDING	2.75	0.01	0.36%	0.10%	2.00%				3012			741.86
3013	3014	SIDEWALK RUNNING SLOPE	2.00	0.02	1.00%	0.50%	5.00%				3013			741.85
3000	3014	SIDEWALK CROSS SLOPE	5.75	0.06	1.04%	0.50%	2.00%				3014			741.83
3001	3013	LANDING	6.00	0.05	0.83%	0.10%	2.00%							
3003	3006	SIDEWALK CROSS SLOPE	5.00	0.07	1.40%	0.50%	2.00%							
3002	3007	LANDING	5.00	0.07	1.40%	0.10%	2.00%							
3012	3007	LANDING	5.00	0.05	1.00%	0.10%	2.00%							
3008	3011	SIDEWALK CROSS SLOPE	5.00	0.05	1.00%	0.50%	2.00%							
3100	3101	SIDEWALK RUNNING SLOPE	2.00	0.03	1.50%	0.50%	5.00%				3100			742.73
3101	3102	RAMP RUNNING SLOPE	10.00	0.63	6.30%	0.50%	8.33%				3101			742.76
3102	3103	LANDING	5.00	0.07	1.40%	0.10%	2.00%				3102			743.39
3103	3104	RAMP RUNNING SLOPE	3.00	0.06	2.00%	0.50%	8.33%				3103			743.46
3104	3105	RAMP CROSS SLOPE	5.00	0.07	1.40%	0.10%	2.00%	MATCH EXISTING			3104			743.52
3105	3106	RAMP RUNNING SLOPE	3.00	0.20	6.67%	0.50%	8.33%				3105			743.59
3106	3107	LANDING	5.00	0.07	1.40%	0.10%	2.00%				3106			743.39
3107	3108	RAMP RUNNING SLOPE	10.00	0.62	6.20%	0.50%	8.33%				3107			743.32
3108	3109	LANDING	0.50	0.01	2.00%	0.10%	2.00%				3108			742.70
3109	3110	SIDEWALK RUNNING SLOPE	2.00	0.02	1.00%	0.50%	5.00%				3109			742.69
3100	3109	SIDEWALK CROSS SLOPE	5.00	0.04	0.80%	0.50%	2.00%				3110			742.67
3101	3108	LANDING	5.00	0.06	1.20%	0.10%	2.00%							
3102	3107	LANDING	5.00	0.07	1.40%	0.10%	2.00%							
3103	3106	LANDING	6.00	0.07	1.17%	0.10%	2.00%							
3101	3109	LANDING	5.00	0.07	1.40%	0.10%	2.00%							
6100	6101	SIDEWALK CROSS SLOPE	6.00	0.09	1.50%	0.50%	2.00%				6100			742.39
6100	3000	SIDEWALK RUNNING SLOPE	16.00	0.62	3.88%	0.50%	5.00%				6101			742.48
6100	3100	SIDEWALK RUNNING SLOPE	16.00	0.34	2.13%	0.50%	5.00%				3000			741.77
6101	3014	SIDEWALK RUNNING SLOPE	14.00	0.64	4.57%	0.50%	5.00%				3014			741.84
6101	3110	SIDEWALK RUNNING SLOPE	14.00	0.19	1.36%	0.50%	5.00%				3100			742.73
											3110			742.67

REVISIONS		
REV. NO.	DESCRIPTION	DATE



POINT TO POINT	SIDEWALK DESIGNATIONS	DISTANCE	Δ ELEVATION	SLOPE	ACCEPTABLE RANGE (POS. or NEG.)		COMMENTS	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES						
					FT	FT		%	MIN.	MAX.	POINT	STATION	OFFSET	ELEVATION
2800	2801	SIDEWALK RUNNING SLOPE	2.25	0.03	1.33%	0.50%	5.00%				2800			741.59
2801	2802	LANDING	11.50	0.18	1.57%	0.10%	2.00%				2801			741.62
2802	2803	SIDEWALK RUNNING SLOPE	5.75	0.20	3.48%	0.50%	5.00%				2802			741.44
2803	2804	SIDEWALK RUNNING SLOPE	7.00	0.24	3.43%	0.50%	5.00%				2803			741.24
2804	2805	SIDEWALK CROSS SLOPE	4.00	0.15	3.75%	0.50%	2.00%	MATCH EXISTING			2804			741.00
2805	2806	SIDEWALK RUNNING SLOPE	7.00	0.02	0.29%	0.50%	5.00%				2805			741.15
2806	2807	SIDEWALK RUNNING SLOPE	5.75	0.20	3.48%	0.50%	5.00%				2806			741.17
2807	2808	SIDEWALK RUNNING SLOPE	7.50	0.10	1.33%	0.50%	5.00%				2807			741.37
2800	2808	SIDEWALK CROSS SLOPE	9.00	0.12	1.33%	0.50%	2.00%				2808			741.47
2801	2807	LANDING	13.50	0.25	1.85%	0.10%	2.00%							
2802	2807	LANDING	6.00	0.07	1.17%	0.10%	2.00%							
2803	2806	SIDEWALK CROSS SLOPE	6.00	0.07	1.17%	0.50%	2.00%							
2900	2901	SIDEWALK RUNNING SLOPE	2.50	0.04	1.60%	0.50%	5.00%				2900			742.34
2901	2902	LANDING	10.00	0.13	1.30%	0.10%	2.00%				2901			742.38
2902	2903	RAMP RUNNING SLOPE	10.00	0.75	7.50%	0.50%	8.33%				2902			742.51
2903	2904	LANDING	5.00	0.07	1.40%	0.10%	2.00%				2903			743.26
2904	2905	SIDEWALK RUNNING SLOPE	5.00	0.24	4.80%	0.50%	5.00%				2904			743.33
2905	2906	SIDEWALK CROSS SLOPE	4.00	0.04	1.00%	0.50%	2.00%				2905			743.57
2906	2907	SIDEWALK RUNNING SLOPE	5.00	0.25	5.00%	0.50%	5.00%				2906			743.61
2907	2908	LANDING	5.00	0.08	1.60%	0.10%	2.00%				2907			743.36
2908	2909	RAMP RUNNING SLOPE	10.00	0.75	7.50%	0.50%	8.33%				2908			743.28
2909	2910	SIDEWALK RUNNING SLOPE	4.50	0.07	1.56%	0.50%	5.00%				2909			742.53
2910	2911	SIDEWALK RUNNING SLOPE	3.00	0.04	1.33%	0.50%	5.00%				2910			742.46
2900	2911	SIDEWALK CROSS SLOPE	5.00	0.08	1.60%	0.50%	2.00%				2911			742.42
2901	2910	LANDING	5.00	0.08	1.60%	0.10%	2.00%							
2902	2909	LANDING	5.00	0.02	0.40%	0.10%	2.00%							
2903	2908	LANDING	5.00	0.02	0.40%	0.10%	2.00%							
2904	2907	LANDING	5.00	0.03	0.60%	0.10%	2.00%							
6000	6001	SIDEWALK CROSS SLOPE	6.00	0.12	2.00%	0.50%	2.00%				6000			742.04
6000	2800	SIDEWALK RUNNING SLOPE	16.00	0.45	2.81%	0.50%	5.00%				6001			742.16
6000	2900	SIDEWALK RUNNING SLOPE	20.00	0.30	1.50%	0.50%	5.00%				2800			741.59
6001	2808	SIDEWALK RUNNING SLOPE	22.00	0.69	3.14%	0.50%	5.00%				2808			741.47
6001	2911	SIDEWALK RUNNING SLOPE	24.75	0.26	1.05%	0.50%	5.00%				2900			742.34
											2911			742.42

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

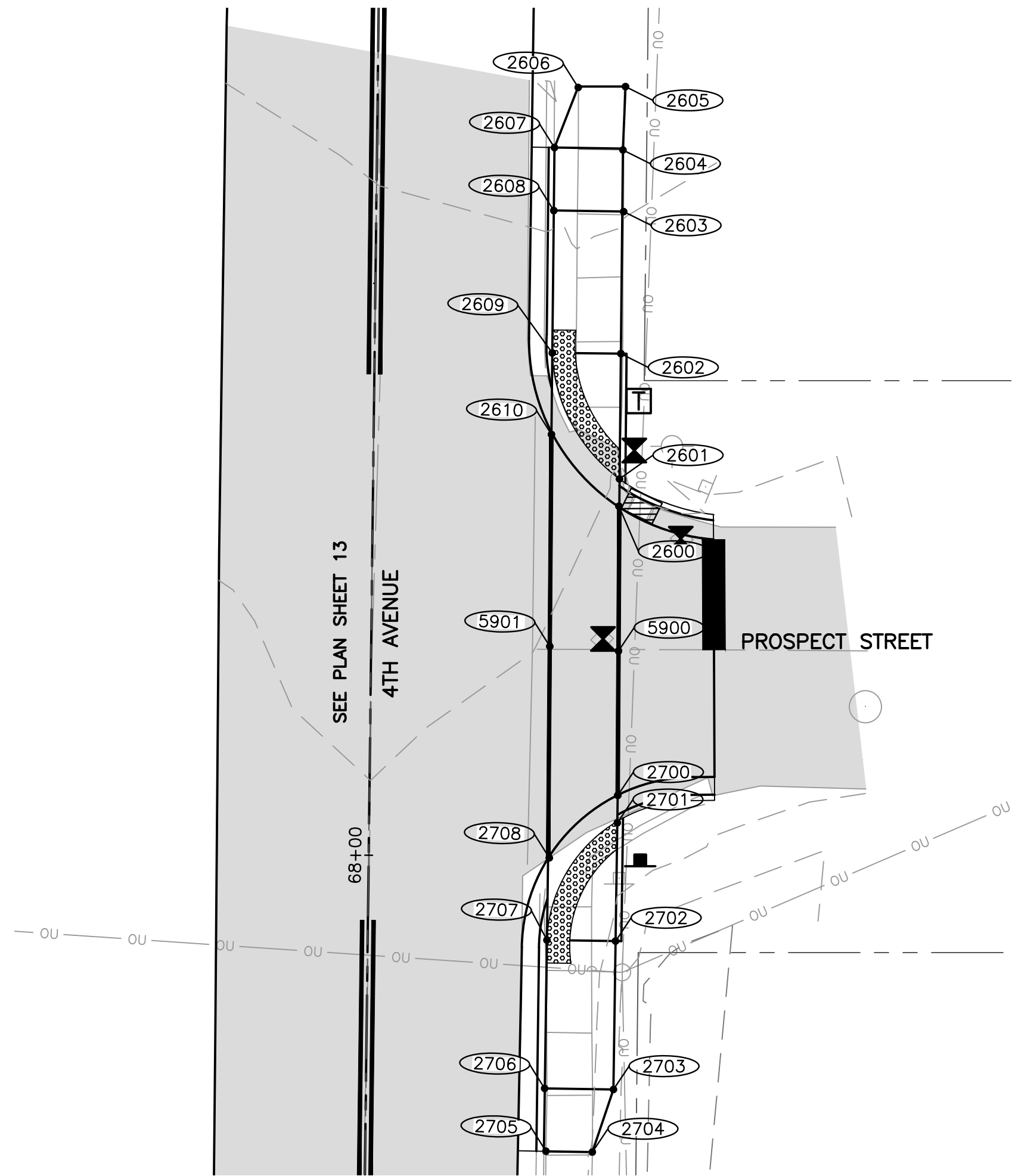
PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
ADA RAMPS - 4TH AVENUE & GRAHAM  
SET TYPE: PRELIMINARY  
G:\C30\18-833A\Plans\18-833 A - PLANS.dwg, 4TH & Graham

JOB NUMBER:  
18-833A  
SHEET NUMBER:  
23 of 35



POINT TO POINT	SIDEWALK DESIGNATIONS	DISTANCE	Δ ELEVATION	SLOPE	ACCEPTABLE RANGE (POS. or NEG.)		COMMENTS	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES						
					FT	FT		%	MIN.	MAX.	POINT	STATION	OFFSET	ELEVATION
2600	2601	SIDEWALK RUNNING SLOPE	2.50	0.03	1.20%	0.50%	5.00%				2600			737.96
2601	2602	LANDING	11.00	0.09	0.82%	0.10%	2.00%				2601			737.99
2602	2603	RAMP RUNNING SLOPE	12.50	0.82	6.56%	0.50%	8.33%				2602			738.08
2603	2604	LANDING	5.50	0.07	1.27%	0.10%	2.00%				2603			738.90
2604	2605	RAMP RUNNING SLOPE	5.50	0.30	5.45%	0.50%	8.33%				2604			738.97
2605	2606	RAMP CROSS SLOPE	4.00	0.06	1.50%	0.10%	2.00%	MATCH EXISTING			2605			739.27
2606	2607	RAMP RUNNING SLOPE	5.50	0.43	7.82%	0.50%	8.33%				2606			739.33
2607	2608	LANDING	5.50	0.08	1.45%	0.10%	2.00%				2607			738.90
2608	2609	RAMP RUNNING SLOPE	11.00	0.80	7.27%	0.50%	8.33%				2608			738.82
2609	2610	SIDEWALK RUNNING SLOPE	7.00	0.04	0.57%	0.50%	5.00%				2609			738.02
2600	2610	LANDING	8.75	0.10	1.14%	0.10%	2.00%				2610			738.06
2601	2609	LANDING	13.00	0.03	0.23%	0.10%	2.00%							
2602	2609	LANDING	6.00	0.06	1.00%	0.10%	2.00%							
2603	2608	LANDING	6.00	0.08	1.33%	0.10%	2.00%							
2604	2607	LANDING	6.00	0.07	1.17%	0.10%	2.00%							
2700	2701	SIDEWALK RUNNING SLOPE	2.50	0.03	1.20%	0.50%	5.00%				2700			737.56
2701	2702	LANDING	10.50	0.06	0.57%	0.10%	2.00%				2701			737.59
2702	2703	RAMP RUNNING SLOPE	13.00	0.61	4.69%	0.50%	8.33%				2702			737.65
2703	2704	SIDEWALK RUNNING SLOPE	5.75	0.07	1.22%	0.50%	5.00%				2703			737.04
2704	2705	SIDEWALK CROSS SLOPE	4.00	0.36	9.00%	0.50%	2.00%	MATCH EXISTING			2704			736.97
2705	2706	SIDEWALK RUNNING SLOPE	5.50	0.22	4.00%	0.50%	5.00%				2705			737.33
2706	2707	RAMP RUNNING SLOPE	13.00	0.57	4.38%	0.50%	8.33%				2706			737.11
2707	2708	SIDEWALK RUNNING SLOPE	7.25	0.02	0.28%	0.50%	5.00%				2707			737.68
2700	2708	LANDING	8.25	0.10	1.21%	0.10%	2.00%				2708			737.66
2701	2707	LANDING	12.50	0.09	0.72%	0.10%	2.00%							
2702	2707	LANDING	6.00	0.03	0.50%	0.10%	2.00%							
2703	2706	SIDEWALK CROSS SLOPE	6.00	0.07	1.17%	0.50%	2.00%							
5900	5901	SIDEWALK CROSS SLOPE	6.00	0.07	1.17%	0.50%	2.00%				5900			737.89
5900	2600	SIDEWALK RUNNING SLOPE	13.00	0.07	0.54%	0.50%	5.00%				5901			737.96
5900	2700	SIDEWALK RUNNING SLOPE	13.00	0.33	2.54%	0.50%	5.00%				2600			737.96
5901	2610	SIDEWALK RUNNING SLOPE	18.50	0.10	0.54%	0.50%	5.00%				2610			738.06
5901	2708	SIDEWALK RUNNING SLOPE	18.50	0.30	1.62%	0.50%	5.00%				2700			737.56
											2708			737.66

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
ADA RAMPS - 4TH AVENUE & PROSPECT

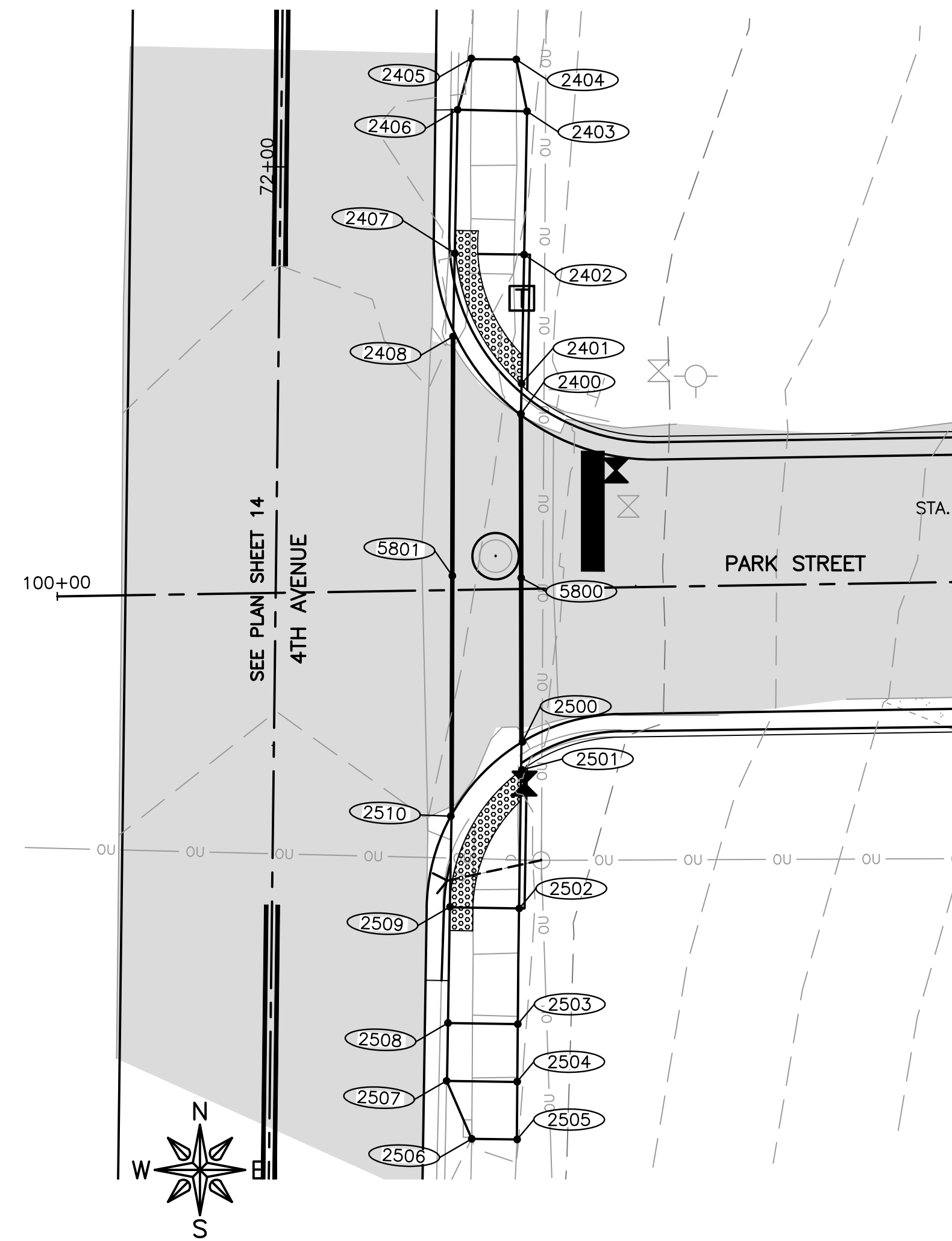
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JOB NUMBER:  
18-833A

SHEET NUMBER:  
24 of 35

Contract # 85693





POINT TO POINT		SIDEWALK DESIGNATIONS	DISTANCE	Δ ELEVATION	SLOPE	ACCEPTABLE RANGE (POS. or NEG.)		COMMENTS	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES			
						FT	FT		%	MIN.	MAX.	POINT
2400	2401	SIDEWALK RUNNING SLOPE	2.50	0.03	1.20%	0.50%	5.00%		2400			737.43
2401	2402	LANDING	10.50	0.09	0.86%	0.10%	2.00%		2401			737.40
2402	2403	SIDEWALK RUNNING SLOPE	12.50	0.07	0.56%	0.50%	5.00%		2402			737.31
2403	2404	SIDEWALK RUNNING SLOPE	4.50	0.02	0.44%	0.50%	5.00%		2403			737.24
2404	2405	SIDEWALK CROSS SLOPE	4.00	0.15	3.75%	0.50%	2.00%	MATCH EXISTING	2404			737.26
2405	2406	SIDEWALK RUNNING SLOPE	4.50	0.05	1.11%	0.50%	5.00%		2405			737.11
2406	2407	SIDEWALK RUNNING SLOPE	12.50	0.07	0.56%	0.50%	5.00%		2406			737.16
2407	2408	SIDEWALK RUNNING SLOPE	7.25	0.10	1.38%	0.50%	5.00%		2407			737.23
2400	2408	SIDEWALK CROSS SLOPE	7.75	0.10	1.29%	0.50%	2.00%		2408			737.33
2401	2407	LANDING	12.00	0.17	1.42%	0.10%	2.00%					
2402	2407	LANDING	6.00	0.08	1.33%	0.10%	2.00%					
2403	2406	SIDEWALK CROSS SLOPE	6.00	0.08	1.33%	0.50%	2.00%					
2500	2501	SIDEWALK RUNNING SLOPE	2.50	0.03	1.20%	0.50%	5.00%		2500			737.87
2501	2502	LANDING	12.00	0.18	1.50%	0.10%	2.00%		2501			737.90
2502	2503	RAMP RUNNING SLOPE	10.00	0.75	7.50%	0.50%	8.33%		2502			738.08
2503	2504	LANDING	5.00	0.07	1.40%	0.10%	2.00%		2503			738.83
2504	2505	SIDEWALK RUNNING SLOPE	5.00	0.09	1.80%	0.50%	5.00%		2504			738.90
2505	2506	SIDEWALK RUNNING SLOPE	4.00	0.01	0.25%	0.50%	5.00%		2505			738.99
2506	2507	SIDEWALK RUNNING SLOPE	5.00	0.17	3.40%	0.50%	5.00%		2506			738.98
2507	2508	LANDING	5.00	0.06	1.20%	0.10%	2.00%		2507			738.81
2508	2509	RAMP RUNNING SLOPE	10.00	0.70	7.00%	0.50%	8.33%		2508			738.75
2509	2510	LANDING	13.75	0.09	0.65%	0.10%	2.00%		2509			738.05
2502	2509	LANDING	6.00	0.03	0.50%	0.10%	2.00%		2510			737.96
2503	2508	LANDING	6.00	0.08	1.33%	0.10%	2.00%					
2504	2507	LANDING	6.00	0.09	1.50%	0.10%	2.00%					
2500	2510	LANDING	6.00	0.09	1.50%	0.10%	2.00%					
2501	2509	LANDING	13.50	0.15	1.11%	0.10%	2.00%					
5800	5801	SIDEWALK CROSS SLOPE	6.00	0.12	2.00%	0.50%	2.00%		5800			737.57
5800	2400	SIDEWALK RUNNING SLOPE	14.00	0.14	1.00%	0.50%	5.00%		5801			737.45
5800	2500	SIDEWALK RUNNING SLOPE	14.00	0.30	2.14%	0.50%	5.00%		2400			737.43
5801	2408	SIDEWALK RUNNING SLOPE	21.00	0.12	0.57%	0.50%	5.00%		2408			737.33
5801	2510	SIDEWALK RUNNING SLOPE	21.00	0.51	2.43%	0.50%	5.00%		2500			737.87
									2510			737.96

**FEHR GRAHAM**

ENGINEERING & ENVIRONMENTAL

ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

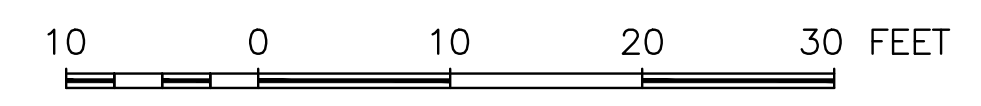
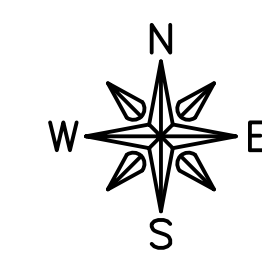
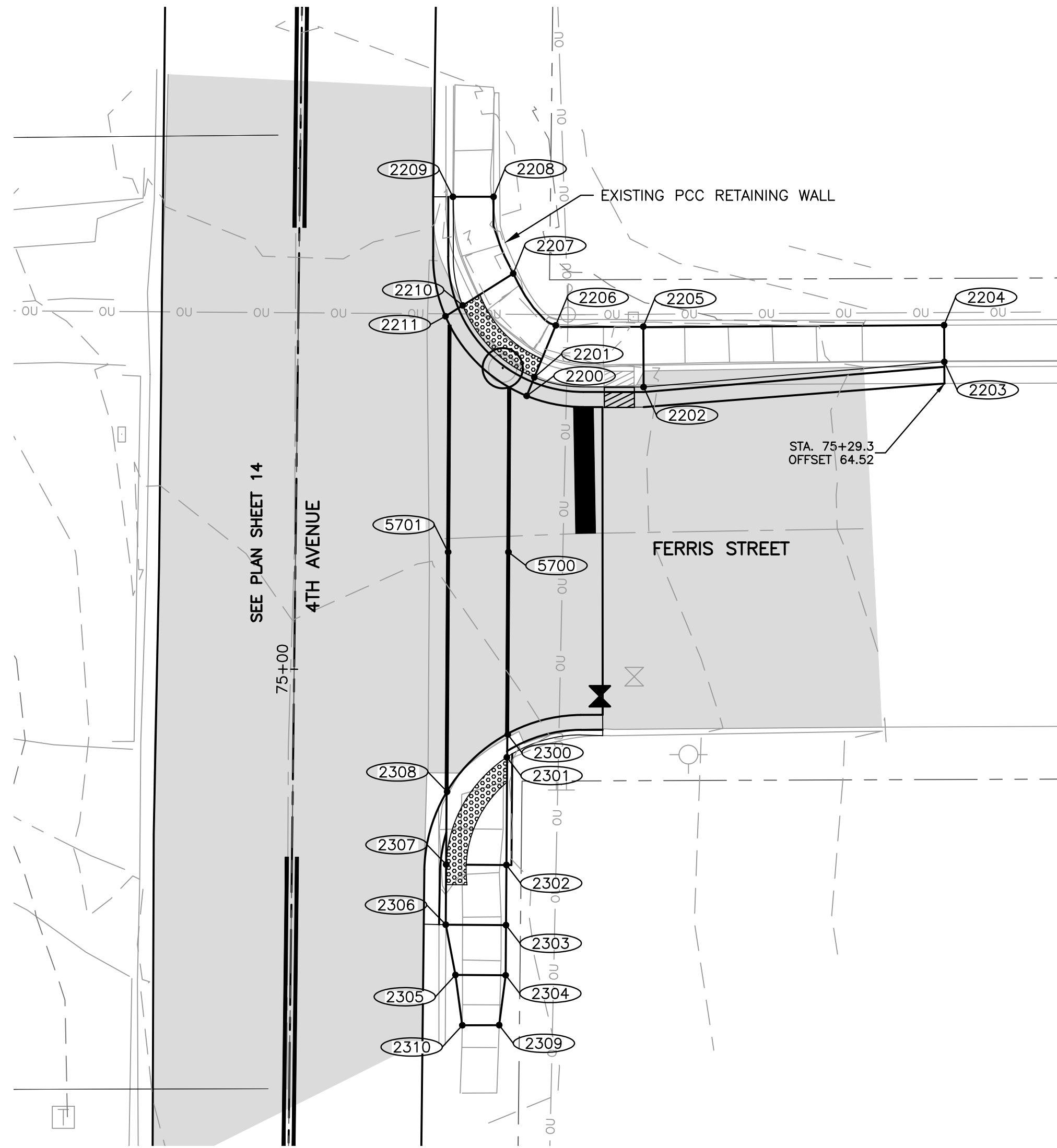
DRAWING:  
ADA RAMPS - 4TH AVENUE & PARK

SET TYPE: PRELIMINARY  
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JOB NUMBER:  
18-833A

SHEET NUMBER:  
25 of 35

Contract # 85693



POINT TO POINT	SIDEWALK DESIGNATIONS	DISTANCE	Δ ELEVATION	SLOPE	ACCEPTABLE RANGE (POS. or NEG.)		COMMENTS	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES						
					FT	FT		%	MIN.	MAX.	POINT	STATION	OFFSET	ELEVATION
2200	2201	SIDEWALK RUNNING SLOPE	2.00	0.03	1.50%	0.50%	5.00%				2200			732.71
2201	2202	RAMP RUNNING SLOPE	11.00	0.38	3.45%	0.50%	8.33%				2201			732.74
2202	2203	SIDEWALK RUNNING SLOPE	30.00	1.02	3.40%	0.50%	5.00%				2202			733.12
2203	2204	SIDEWALK CROSS SLOPE	4.00	0.06	1.50%	0.50%	2.00%	MATCH EXISTING			2203			734.14
2204	2205	SIDEWALK RUNNING SLOPE	30.00	1.01	3.37%	0.50%	5.00%	MATCH EXISTING			2204			734.20
2205	2206	RAMP RUNNING SLOPE	8.75	0.37	4.23%	0.50%	8.33%				2205			733.19
2206	2207	LANDING	7.00	0.06	0.86%	0.10%	2.00%				2206			732.82
2207	2208	SIDEWALK RUNNING SLOPE	8.00	0.48	6.00%	0.50%	5.00%	MATCH EXISTING			2207			732.76
2208	2209	SIDEWALK CROSS SLOPE	4.00	0.02	0.50%	0.50%	2.00%	MATCH EXISTING			2208			733.24
2209	2210	RAMP RUNNING SLOPE	11.00	0.54	4.91%	0.50%	8.33%				2209			733.22
2210	2211	SIDEWALK RUNNING SLOPE	2.00	0.03	1.50%	0.50%	5.00%				2210			732.68
2200	2211	SIDEWALK CROSS SLOPE	11.50	0.06	0.52%	0.50%	2.00%				2211			732.65
2201	2210	LANDING	10.50	0.06	0.57%	0.10%	2.00%							
2201	2206	LANDING	5.50	0.08	1.45%	0.10%	2.00%							
2202	2205	SIDEWALK CROSS SLOPE	6.00	0.07	1.17%	0.50%	2.00%	MATCH EXISTING						
2207	2210	LANDING	6.00	0.08	1.33%	0.10%	2.00%							
2300	2301	SIDEWALK RUNNING SLOPE	2.25	0.03	1.33%	0.50%	5.00%				2300			731.85
2301	2302	LANDING	10.75	0.16	1.49%	0.10%	2.00%				2301			731.88
2302	2303	RAMP RUNNING SLOPE	6.00	0.13	2.17%	0.50%	8.33%				2302			732.04
2303	2304	SIDEWALK RUNNING SLOPE	5.00	0.11	2.20%	0.50%	5.00%				2303			731.91
2304	2305	SIDEWALK CROSS SLOPE	5.00	0.07	1.40%	0.50%	2.00%				2304			731.80
2305	2306	SIDEWALK RUNNING SLOPE	5.00	0.11	2.20%	0.50%	5.00%				2305			731.73
2306	2307	RAMP RUNNING SLOPE	6.00	0.13	2.17%	0.50%	8.33%				2306			731.84
2307	2308	SIDEWALK RUNNING SLOPE	7.00	0.14	2.00%	0.50%	5.00%				2307			731.97
2300	2308	LANDING	8.50	0.02	0.24%	0.10%	2.00%				2308			731.83
2301	2307	LANDING	13.00	0.09	0.69%	0.10%	2.00%				2309			731.70
2302	2307	LANDING	6.00	0.07	1.17%	0.10%	2.00%				2310			731.55
2303	2306	SIDEWALK CROSS SLOPE	6.00	0.07	1.17%	0.50%	2.00%							
2304	2309	SIDEWALK RUNNING SLOPE	5.00	0.10	2.00%	0.50%	5.00%							
2309	2310	SIDEWALK CROSS SLOPE	4.00	0.15	3.75%	0.50%	2.00%	MATCH EXISTING						
2310	2305	SIDEWALK RUNNING SLOPE	5.00	0.18	3.60%	0.50%	5.00%							
5700	5701	SIDEWALK CROSS SLOPE	6.00	0.09	1.50%	0.50%	2.00%				5700			732.36
5700	2200	SIDEWALK RUNNING SLOPE	18.00	0.35	1.94%	0.50%	5.00%				5701			732.27
5700	2300	SIDEWALK RUNNING SLOPE	18.00	0.51	2.83%	0.50%	5.00%				2200			732.71
5701	2211	SIDEWALK RUNNING SLOPE	24.00	0.38	1.58%	0.50%	5.00%				2211			732.65
5701	2308	SIDEWALK RUNNING SLOPE	24.00	0.44	1.83%	0.50%	5.00%				2300			731.85
											2308			731.83

**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

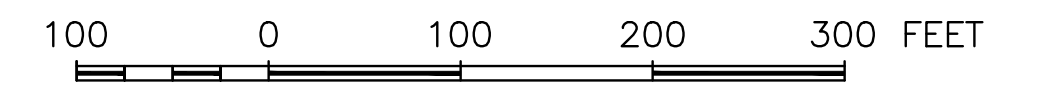
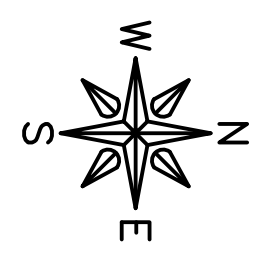
DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
ADA RAMPS - 4TH AVENUE & FERRIS  
SET TYPE: PRELIMINARY  
G:\C30\18-833A\Plans\18-833 A - PLANS.dwg, 4TH & Ferris

JOB NUMBER:  
18-833A  
SHEET NUMBER:  
26 of 35





**LEGEND**

- FLAGGER
- TRAFFIC CONTROL SIGNS
- PROJECT AREA

**TRAFFIC CONTROL STANDARDS**

- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 40 MPH
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS - FOR SPEEDS ≤ 40 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES

**NOTE:**  
 NO DETOURS WILL BE SPECIFIED FOR THIS AREA. ROAD WILL BE OPEN TO ALL TRAFFIC WITH THE EXCEPTION OF SIDE ROADS AT PARK STREET AND GRAHAM STREET. THESE 2 SIDE ROADS WILL BE CLOSED DURING CONSTRUCTION UNTIL TEMPORARY ACCESS IS RESTORED TO DRIVEWAYS AND THE ROADWAY IS PASSABLE.

**FEHR GRAHAM**  
 ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
 IOWA  
 WISCONSIN

**OWNER/DEVELOPER:**  
 CITY OF DIXON  
 121 WEST 2ND STREET  
 DIXON, IL 61021

**PROJECT AND LOCATION:**  
 CITY OF DIXON STREETS PROGRAM  
 FY 2020  
 DIXON, IL

**DRAWN BY:** YJ/JMV  
**APPROVED BY:** NJC  
**DATE:** 10/25/19  
**SCALE:** AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

**DRAWING:**  
 TRAFFIC CONTROL PLAN - 4TH AVENUE

**SET TYPE:** PRELIMINARY  
G:\C30\18-833A\Exhibits\18-833 A - Traffic Plan.dwg, 4TH (2)

**JOB NUMBER:**  
 18-833A

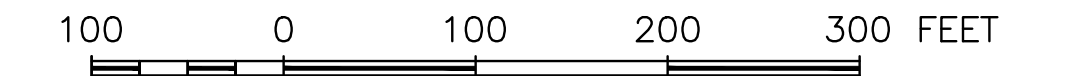
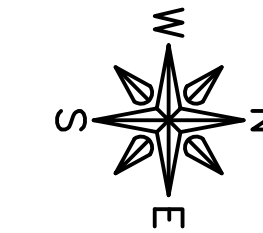
**SHEET NUMBER:**  
 28 of 35

**TRAFFIC CONTROL STANDARDS**

- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 40 MPH
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS - FOR SPEEDS ≤ 40 MPH
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES

**LEGEND**

- FLAGGER
- TRAFFIC CONTROL SIGNS
- PROJECT AREA



NOTE:  
NO DETOURS WILL BE SPECIFIED FOR THIS AREA. ROAD WILL BE OPEN TO ALL TRAFFIC WITH THE EXCEPTION OF SIDE ROADS AT PARK STREET AND GRAHAM STREET. THESE 2 SIDE ROADS WILL BE CLOSED DURING CONSTRUCTION UNTIL TEMPORARY ACCESS IS RESTORED TO DRIVEWAYS AND THE ROADWAY IS PASSABLE.



**FEHR GRAHAM**

ENGINEERING & ENVIRONMENTAL

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

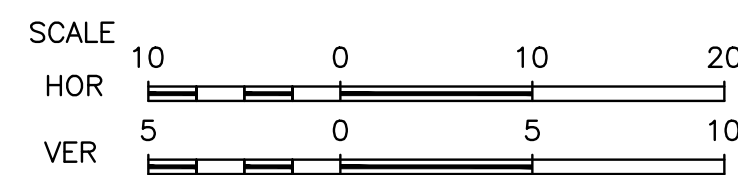
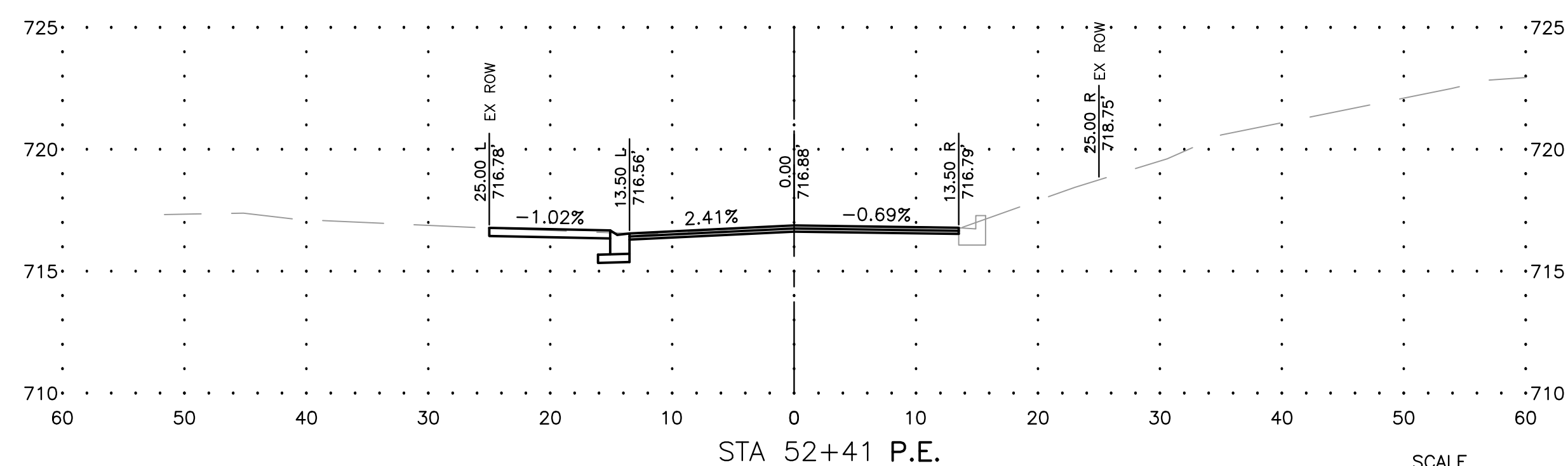
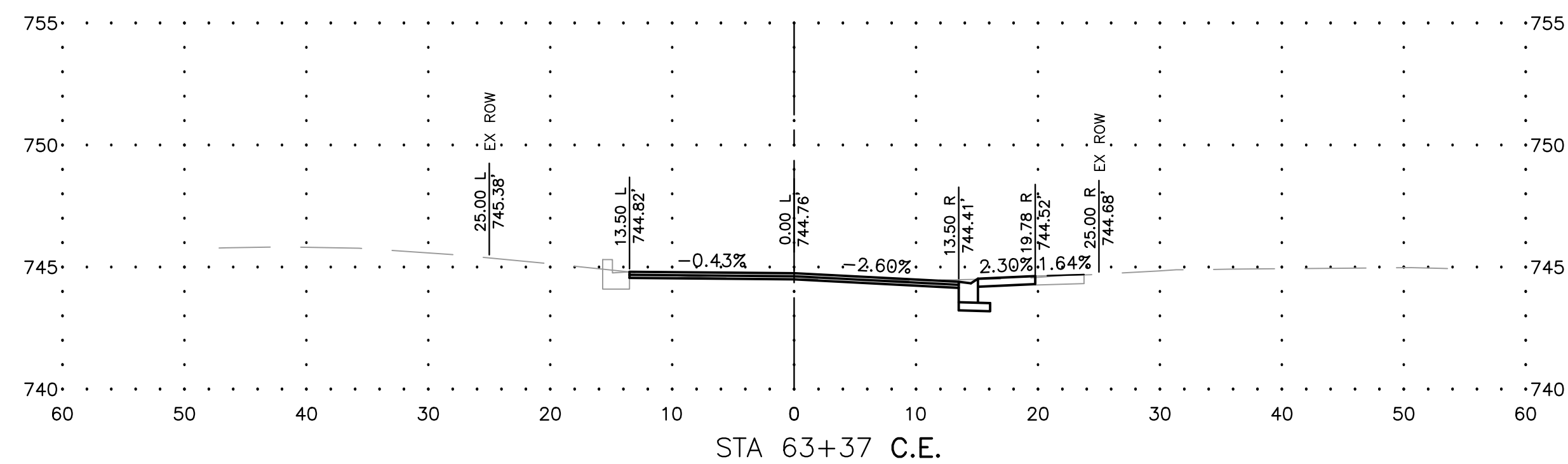
DRAWING:  
TRAFFIC CONTROL PLAN - 4TH AVENUE

SET TYPE: PRELIMINARY

JOB NUMBER:  
18-833A

SHEET NUMBER:  
29 of 35

Contract # 85693



**FEHR GRAHAM**

ENGINEERING & ENVIRONMENTAL

ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:

CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:

CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:

4TH AVENUE - CROSS SECTIONS

SET TYPE: PRELIMINARY

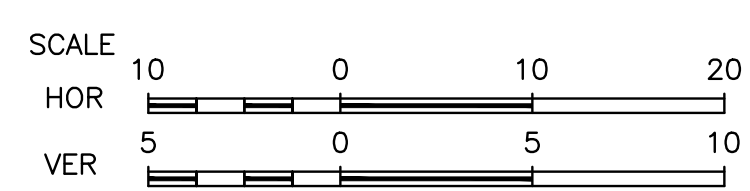
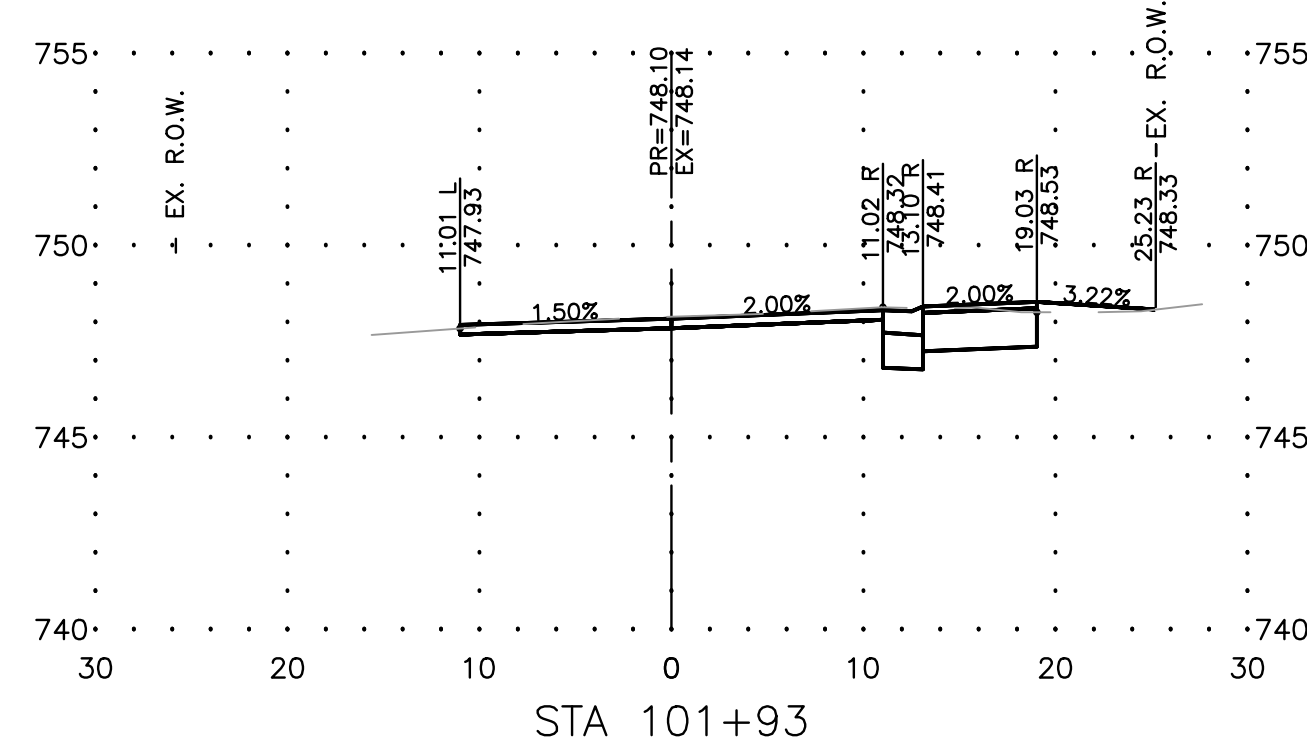
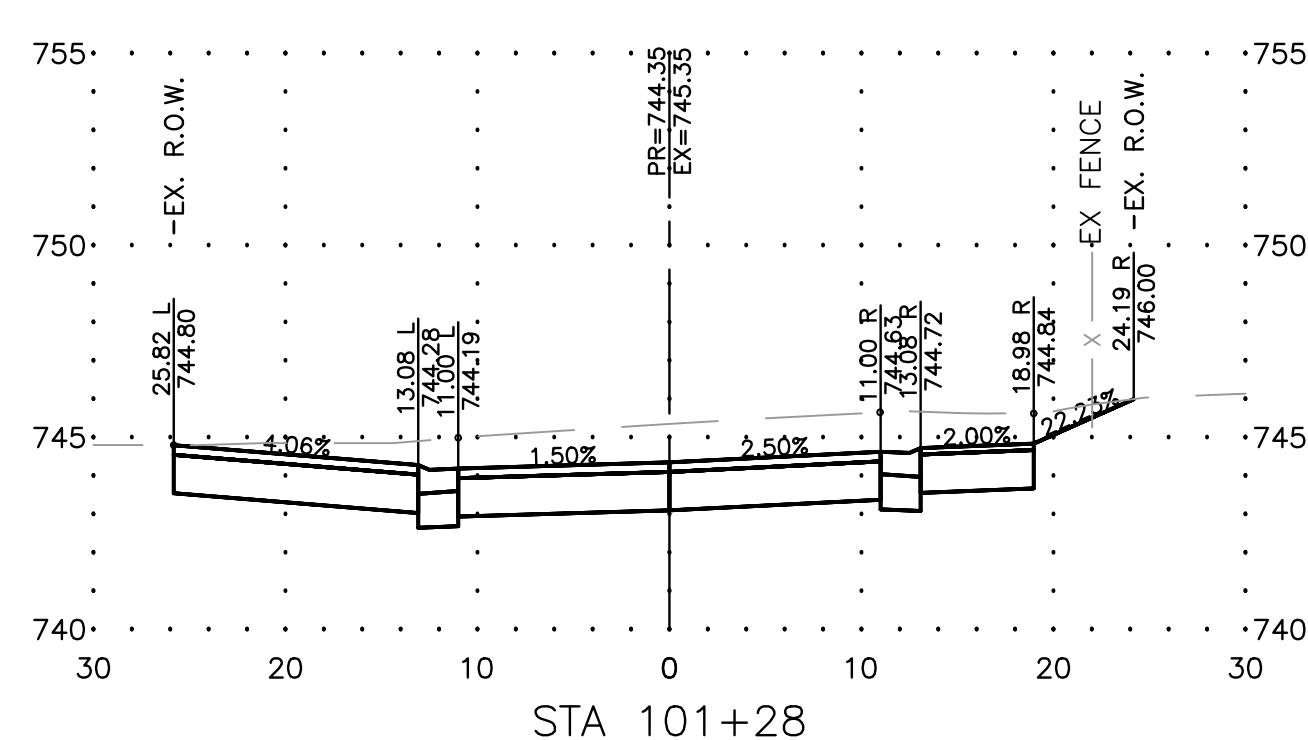
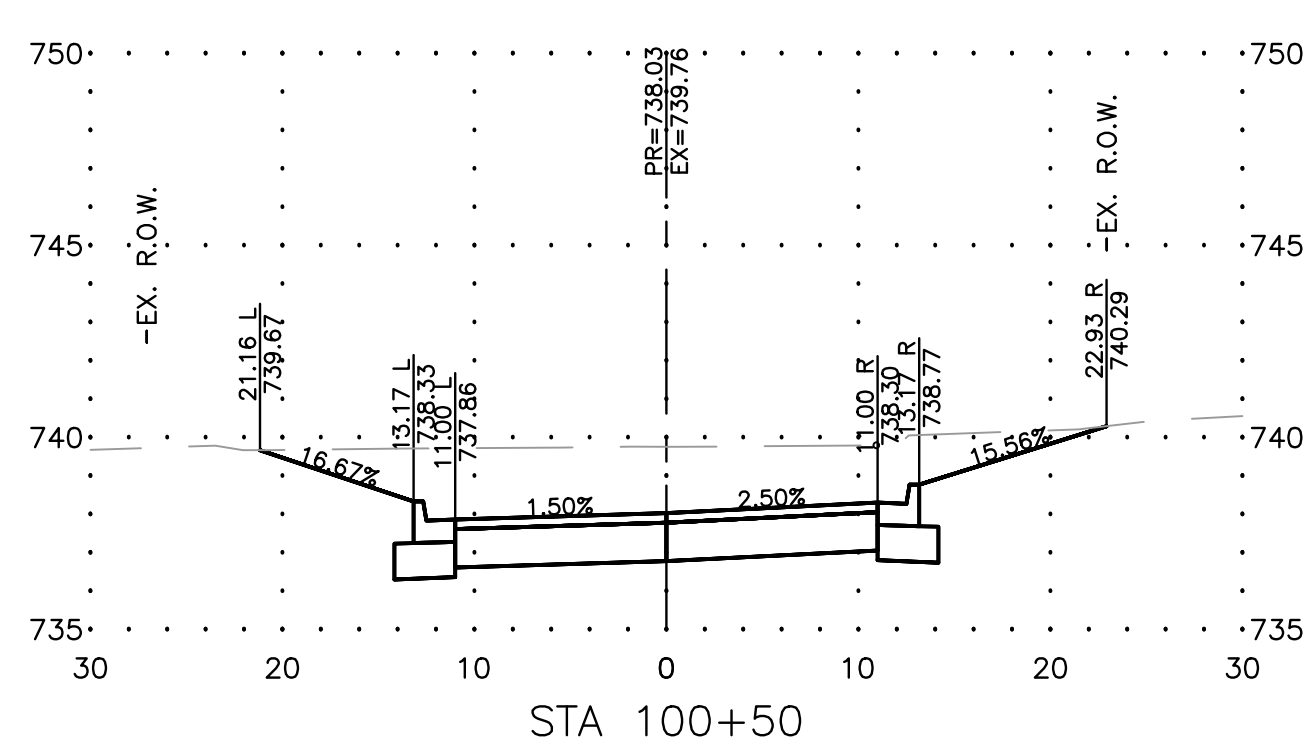
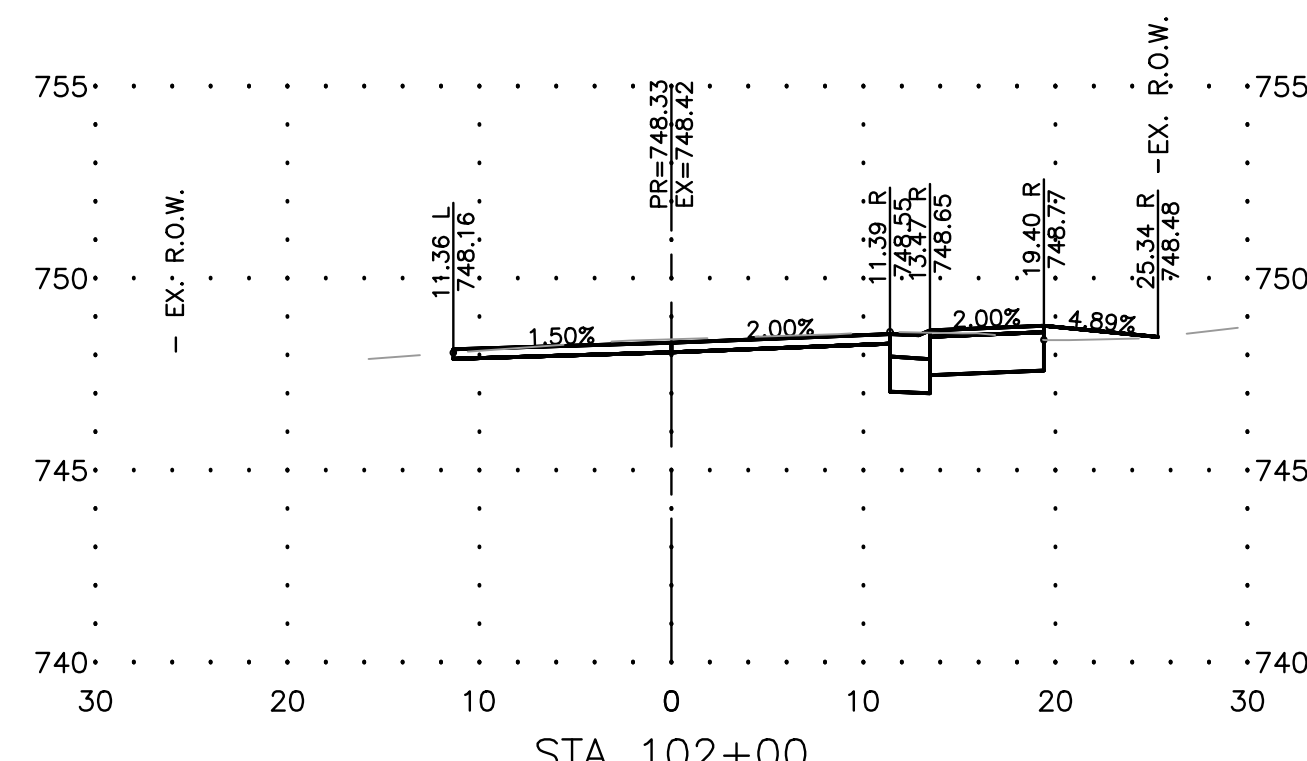
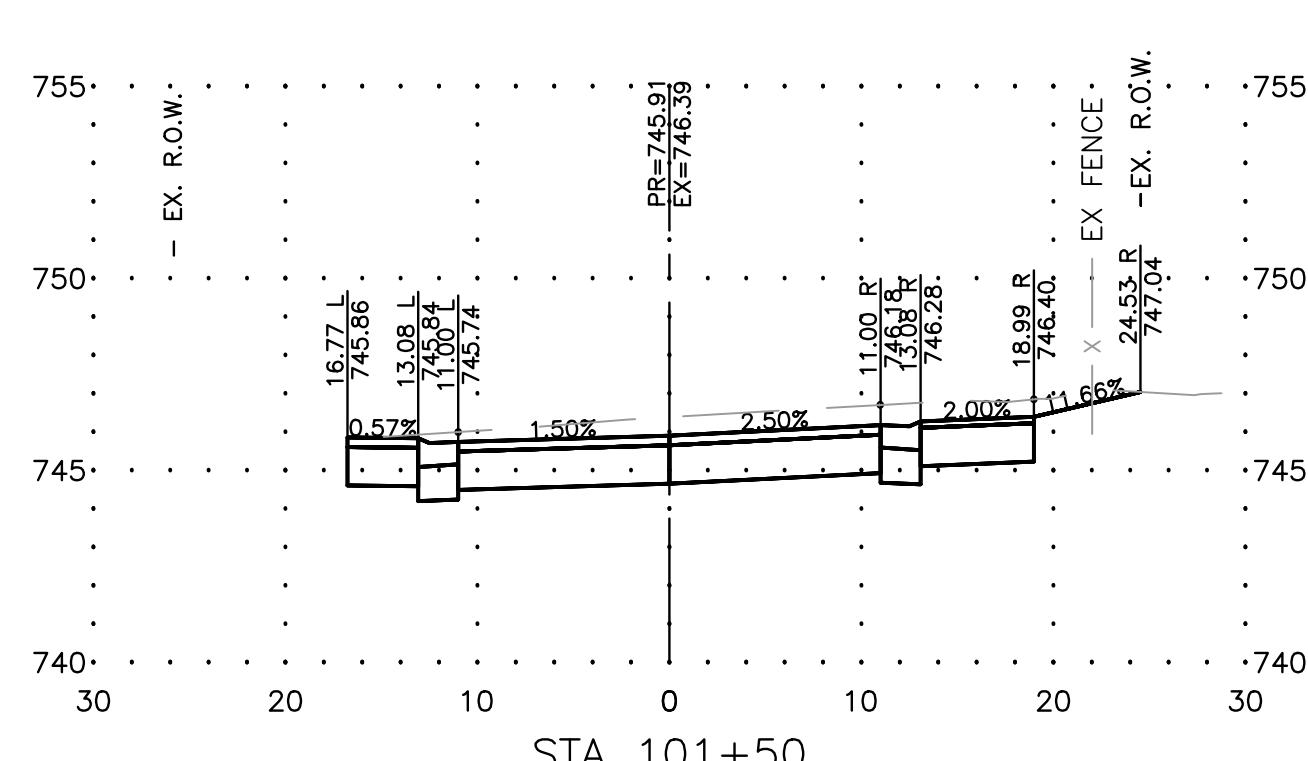
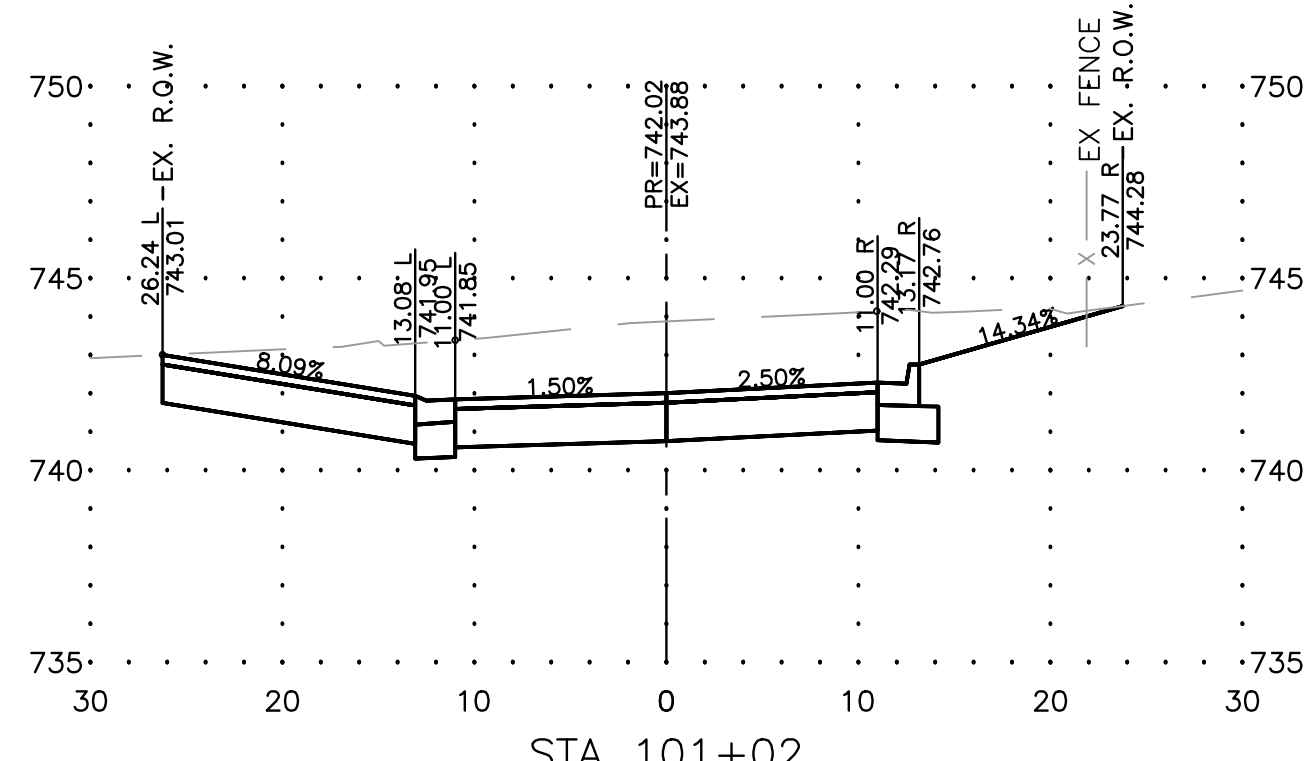
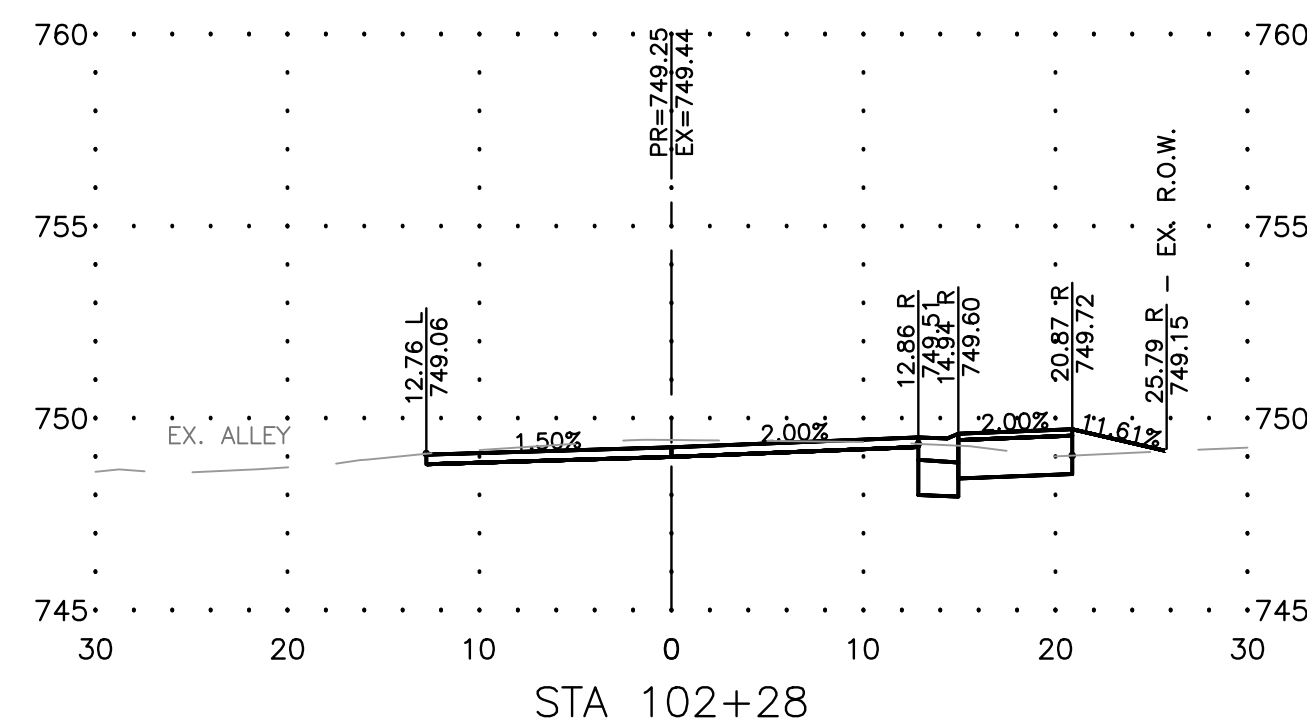
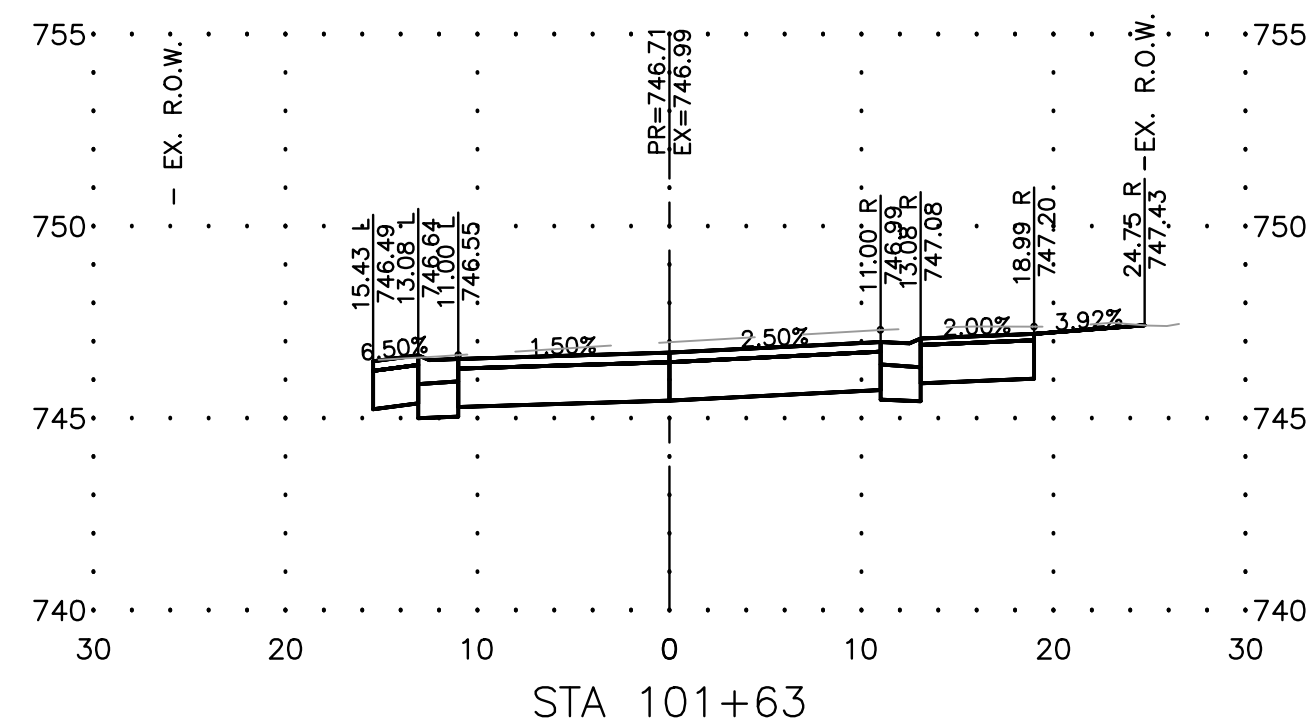
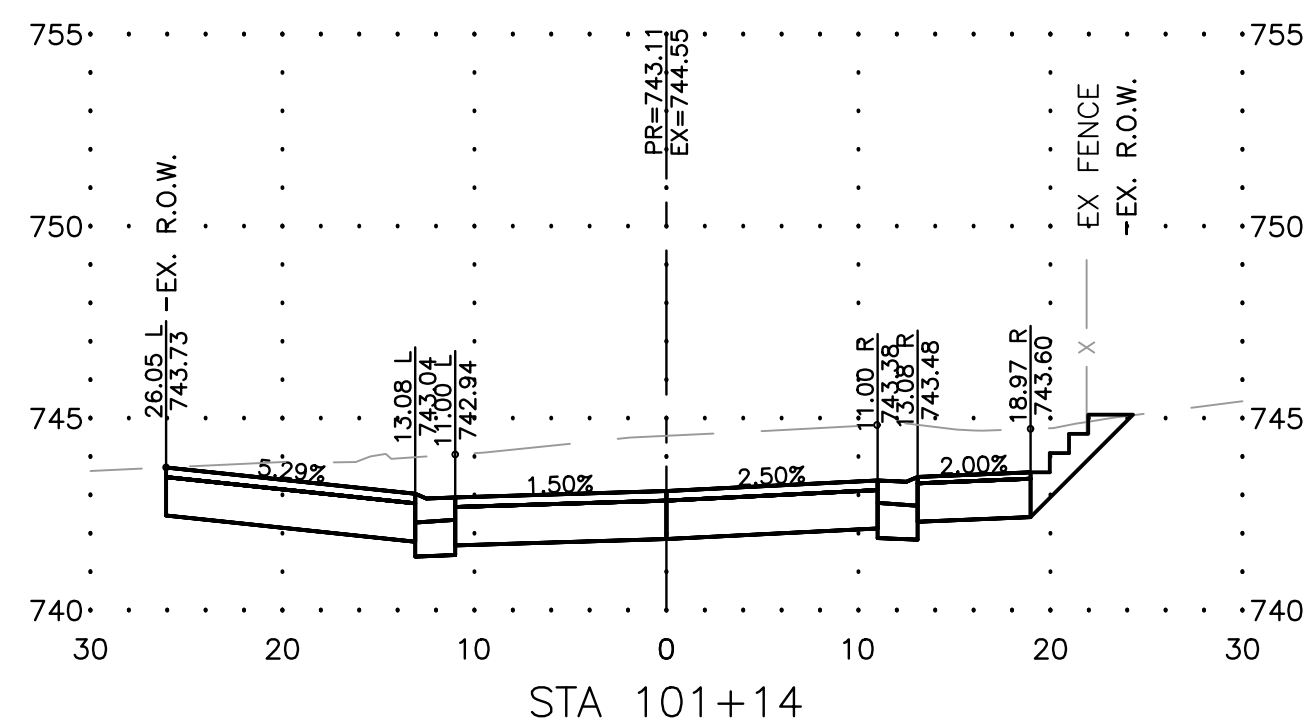
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JOB NUMBER:

18-833A

SHEET NUMBER:

30 of 35



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

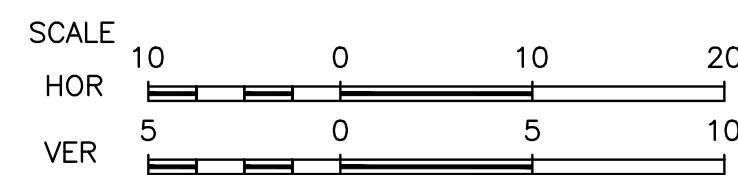
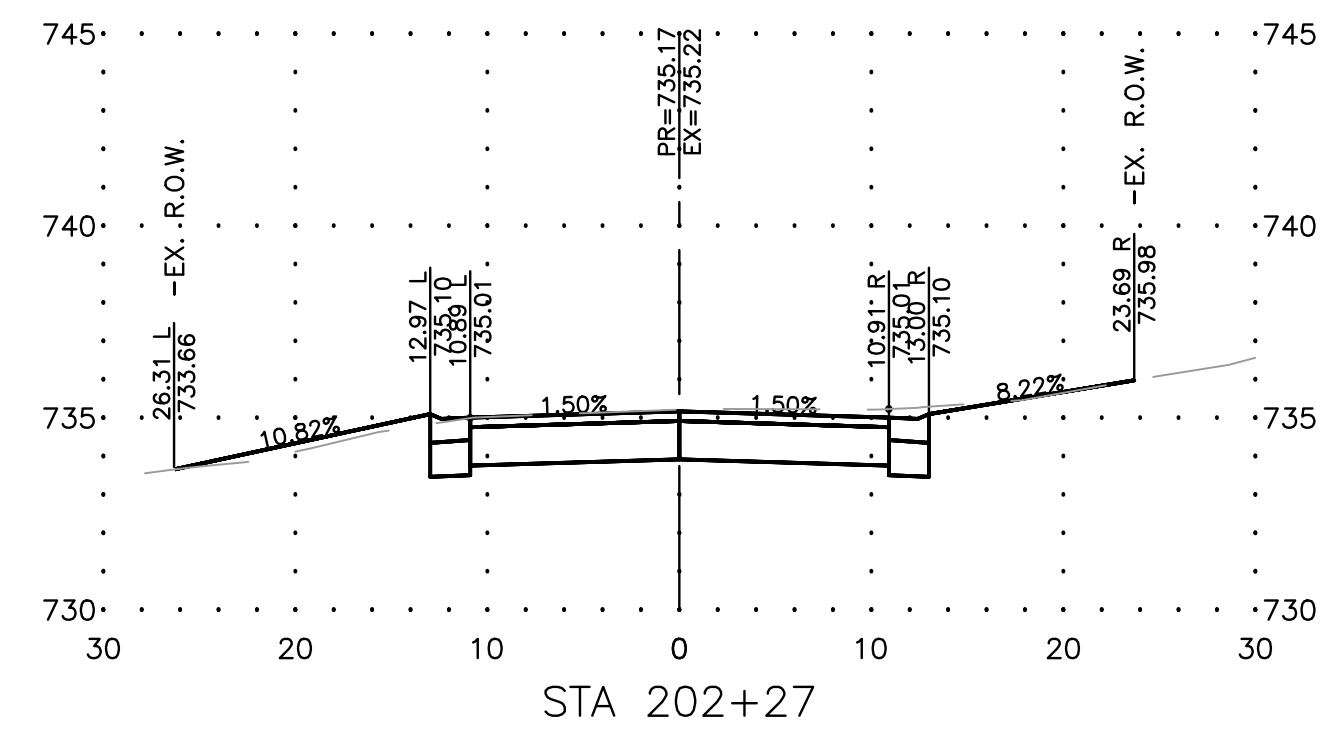
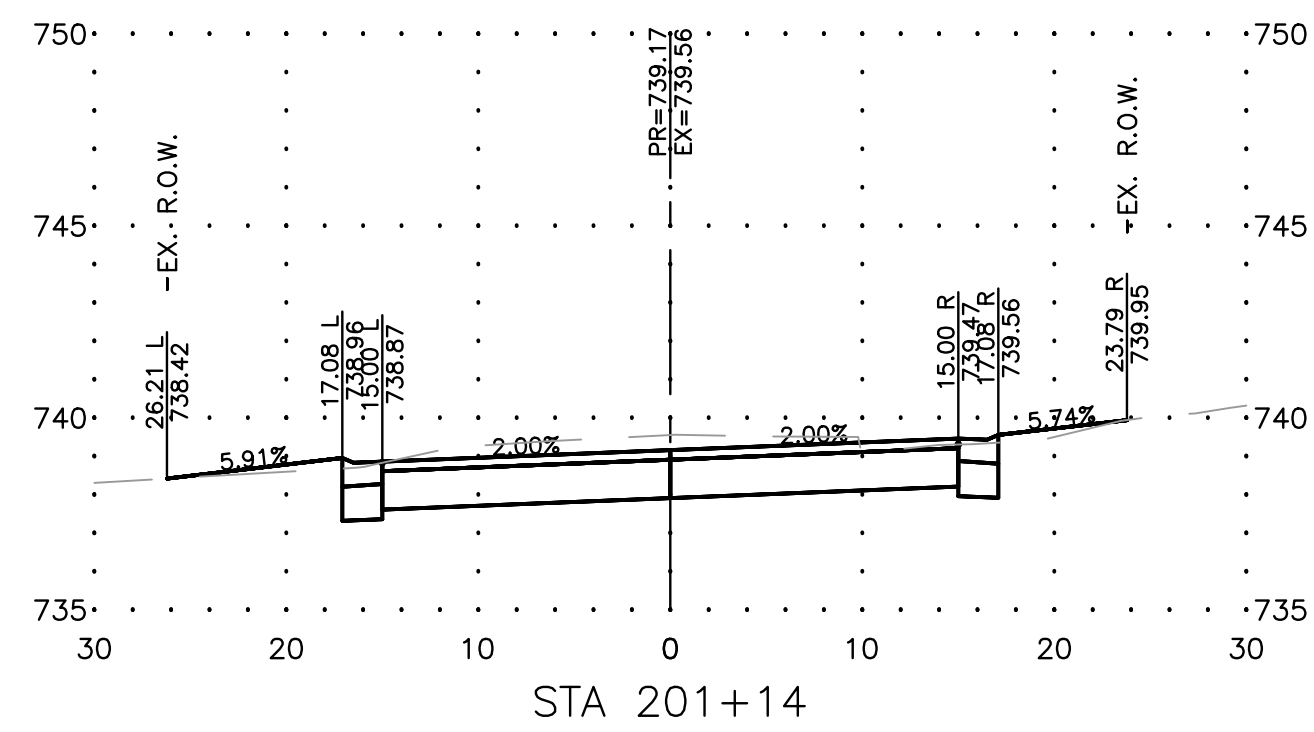
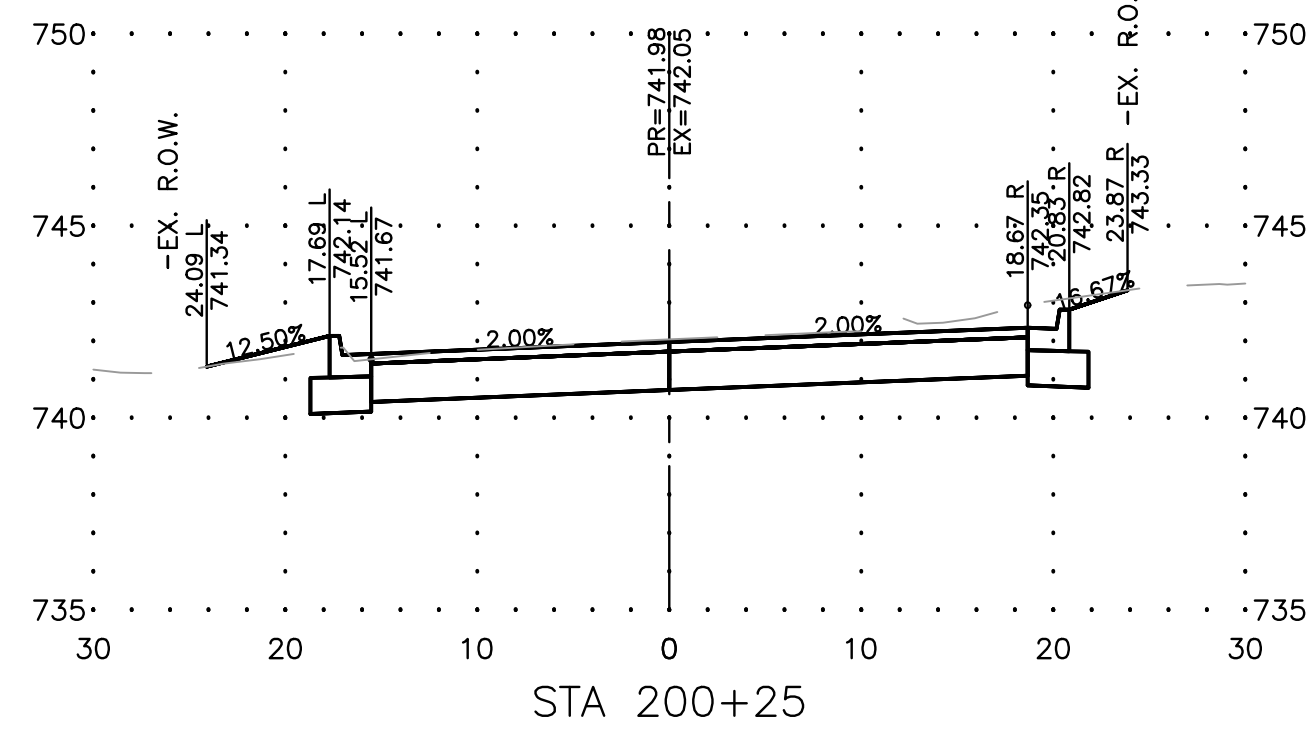
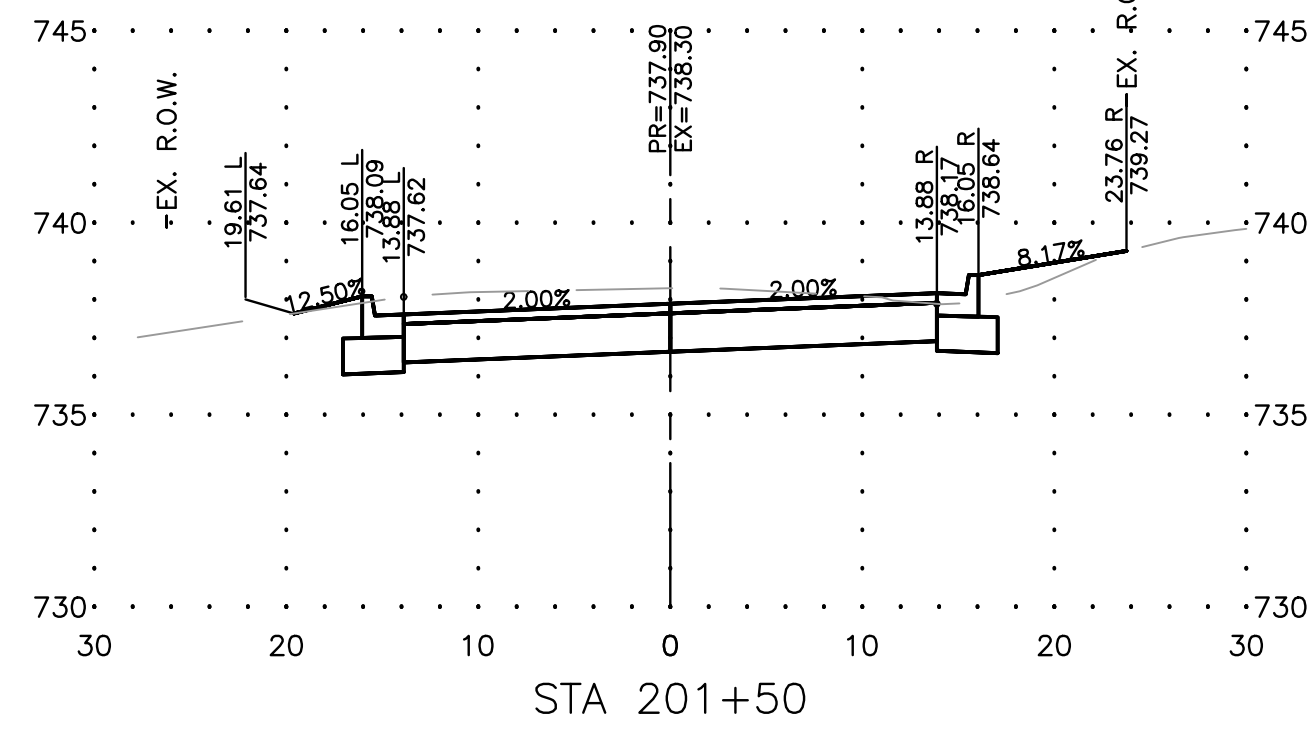
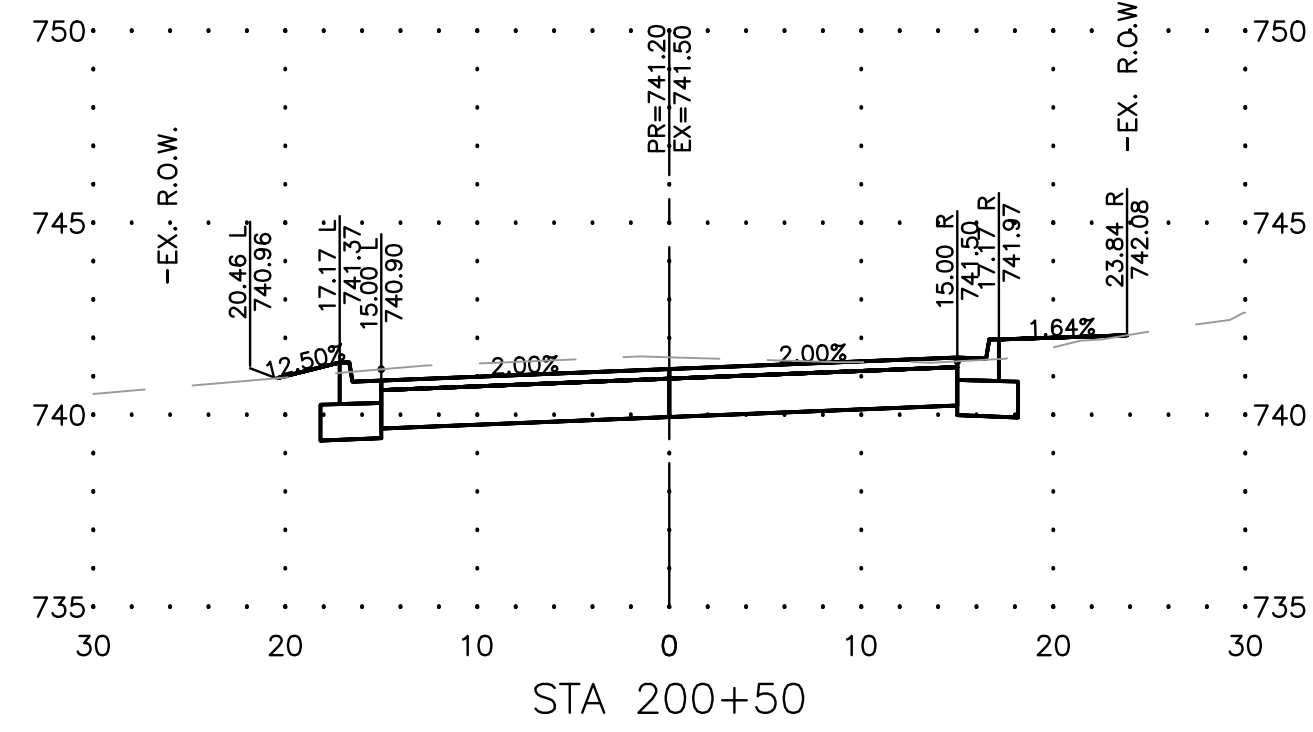
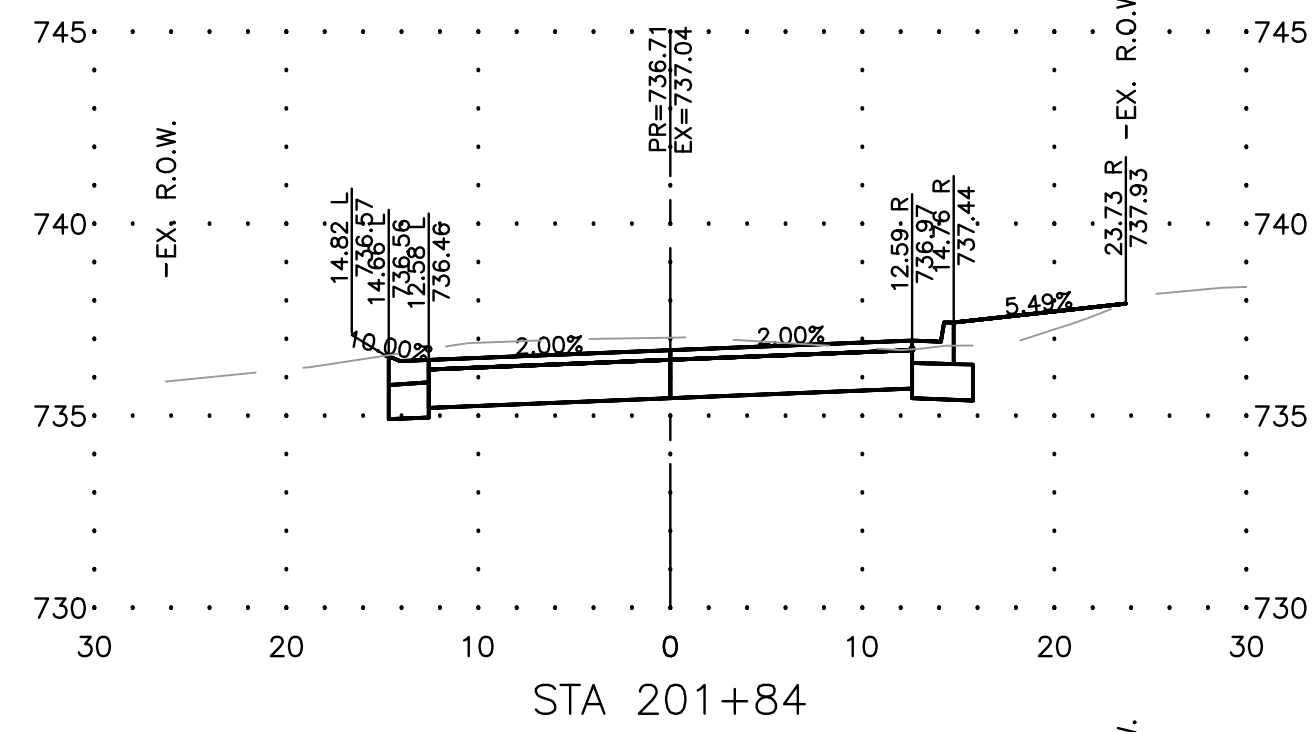
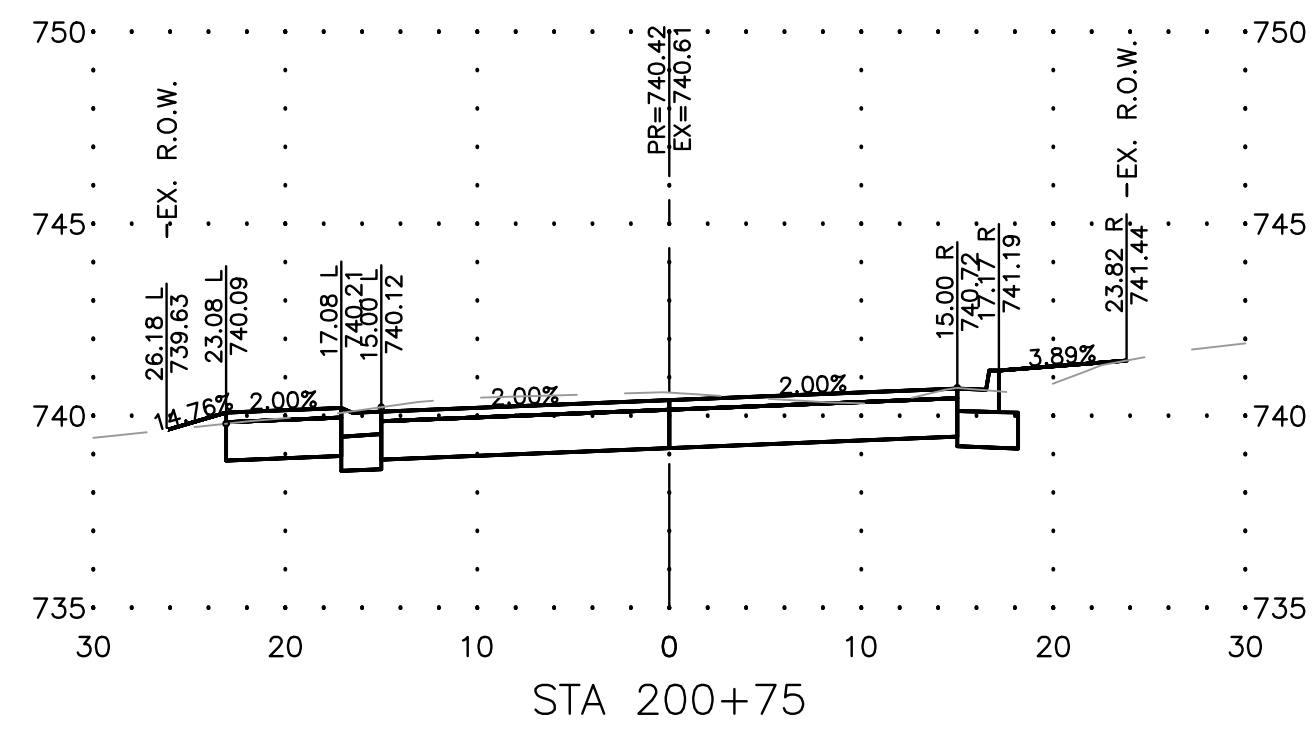
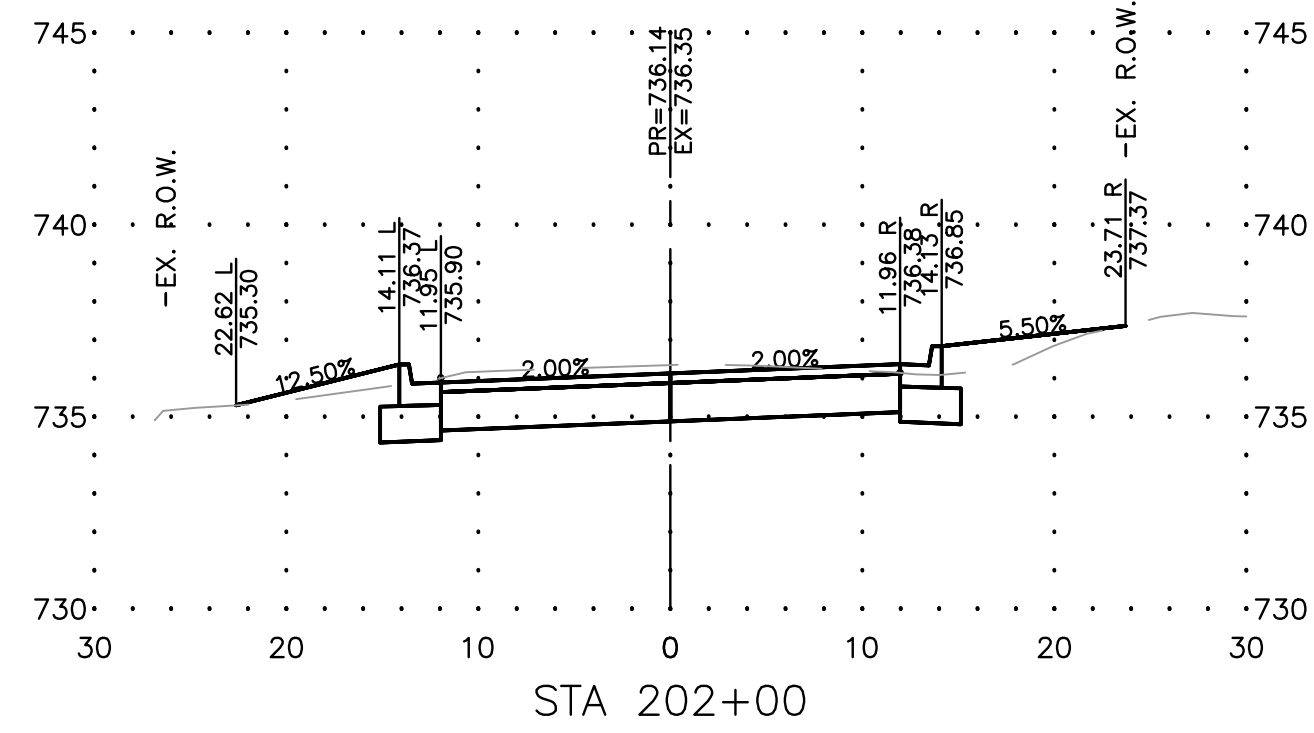
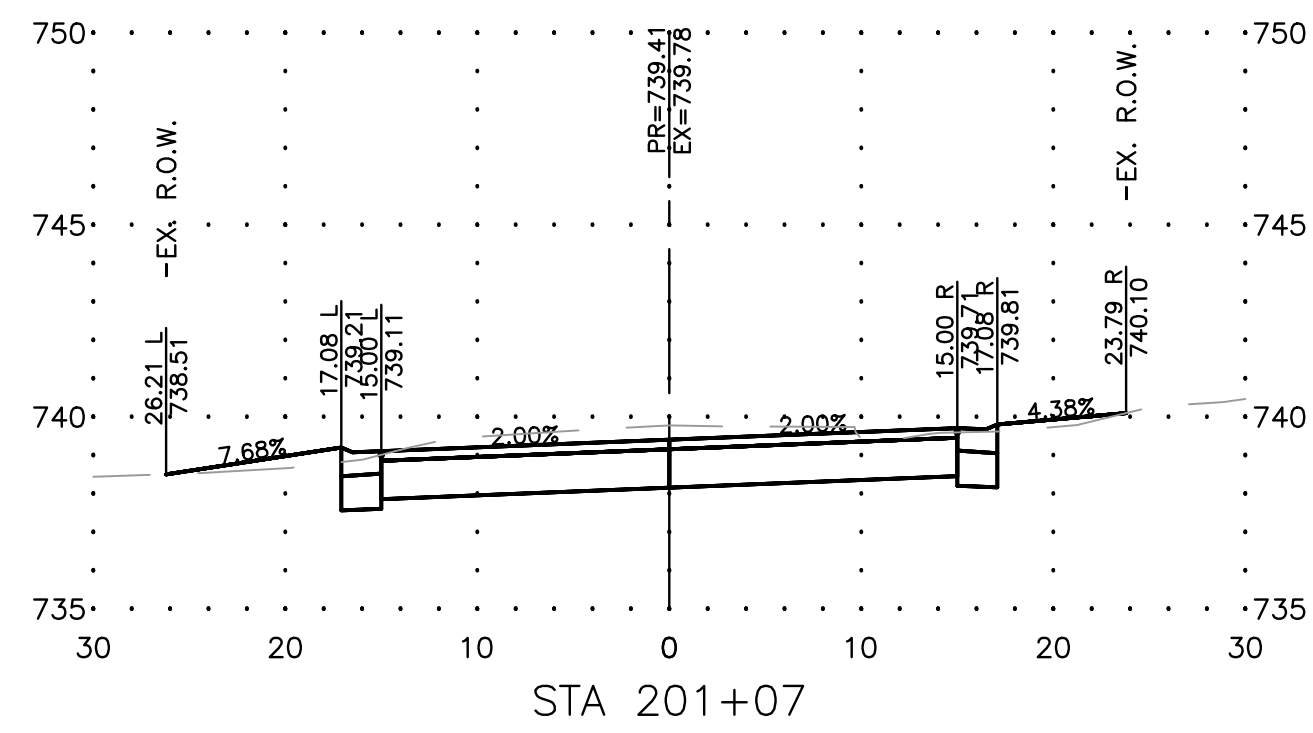
PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
PARK STREET CROSS SECTIONS  
SET TYPE: PRELIMINARY  
G:\C30\18-833A\18-833 - Design Adwg\_XS-PARK

JOB NUMBER:  
18-833A  
SHEET NUMBER:  
31 of 35



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

ILLINOIS  
IOWA  
WISCONSIN

OWNER/DEVELOPER:  
CITY OF DIXON  
121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
GRAHAM STREET CROSS SECTIONS

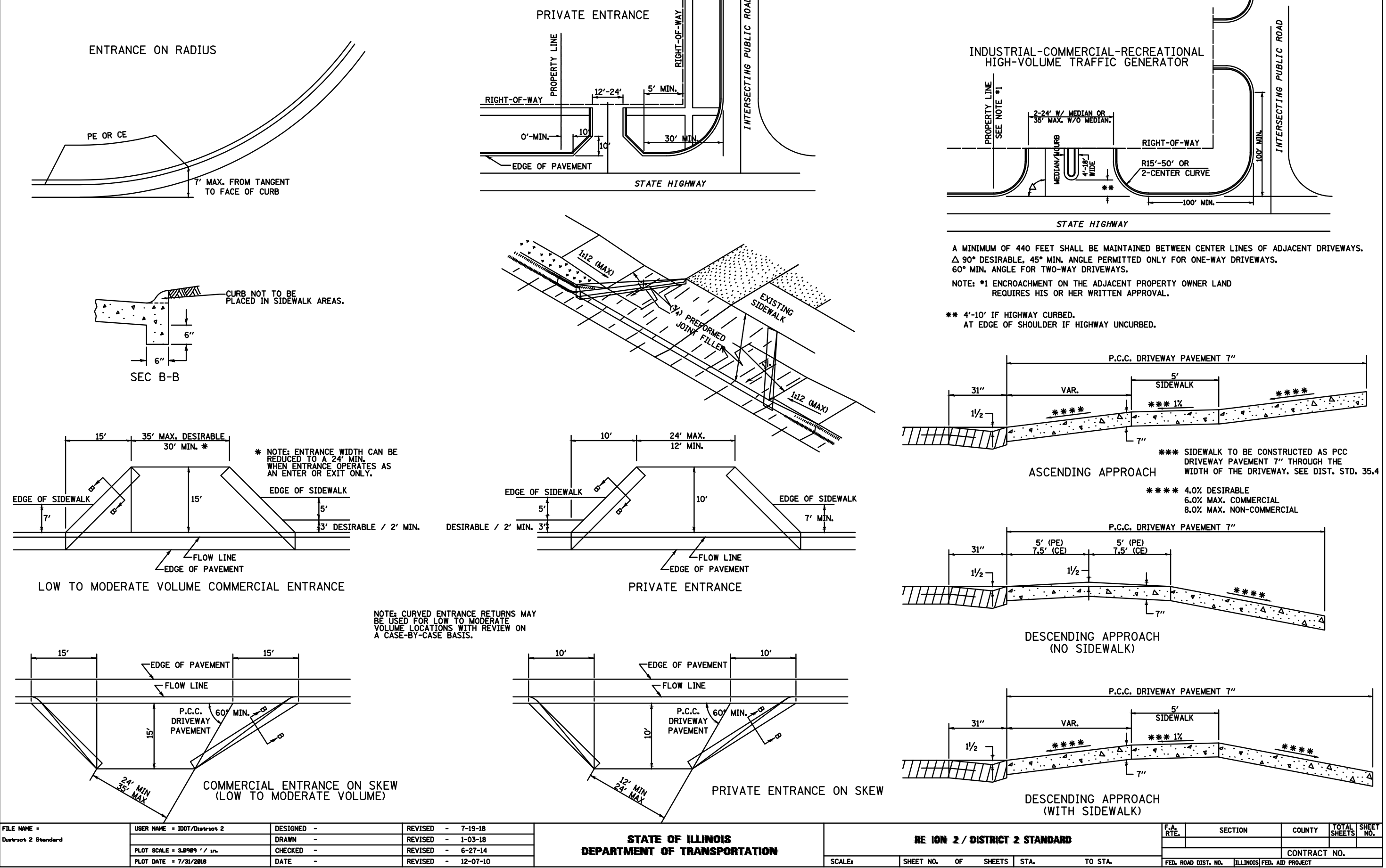
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18-833A

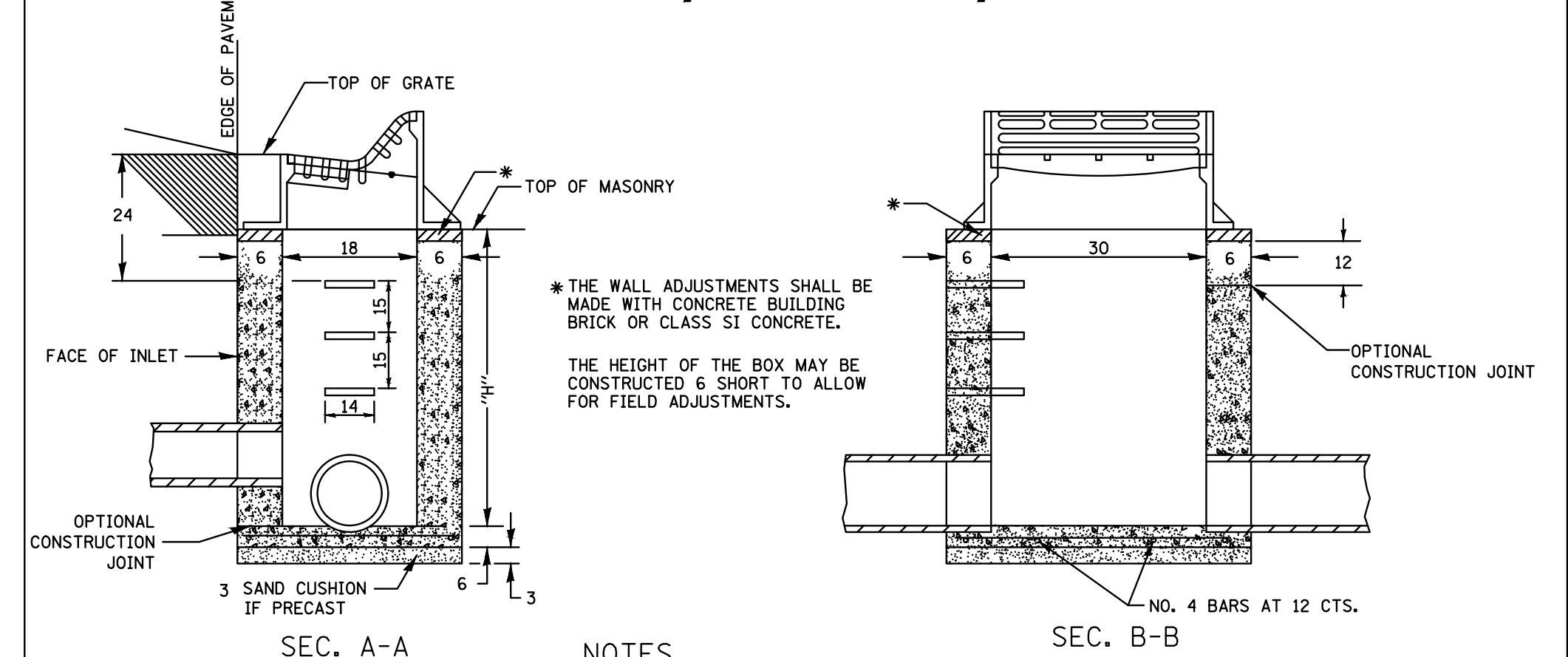
SHEET NUMBER:  
32 of 35



# ENTRANCE APPROACHES – URBAN AREA



# INLETS, SPECIAL, NO. 1



**NOTES**

SEE STANDARD 602701 FOR DETAILS OF STEPS.

EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 5 FEET.

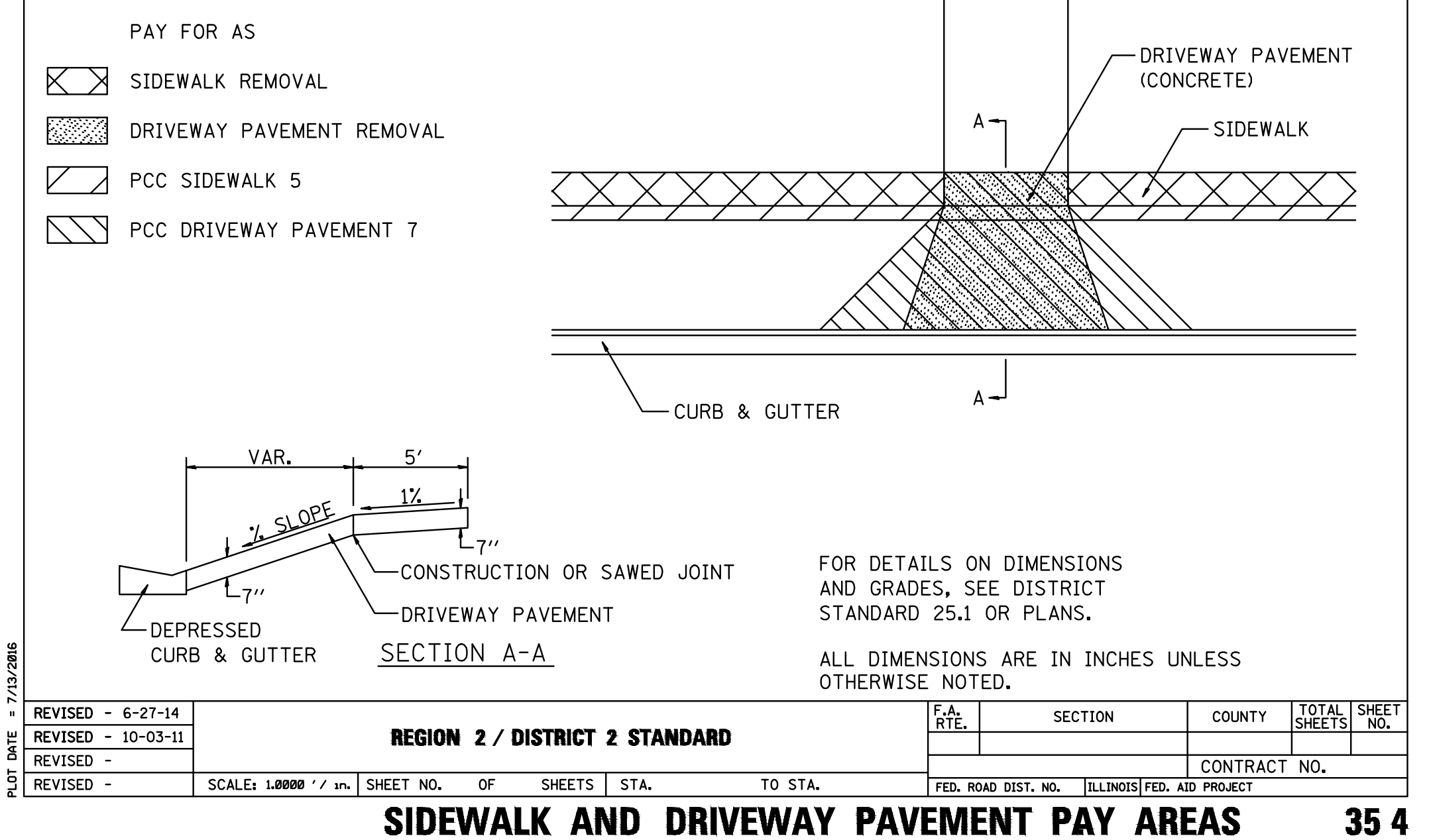
BOTH INLET SPECIAL NO. 1 SHALL DRAIN VERTICALLY TO THE ACROSS ROAD CULVERT LOCATED BENEATH.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH ARTICLES 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 4,000 PSI AFTER 28 DAYS.

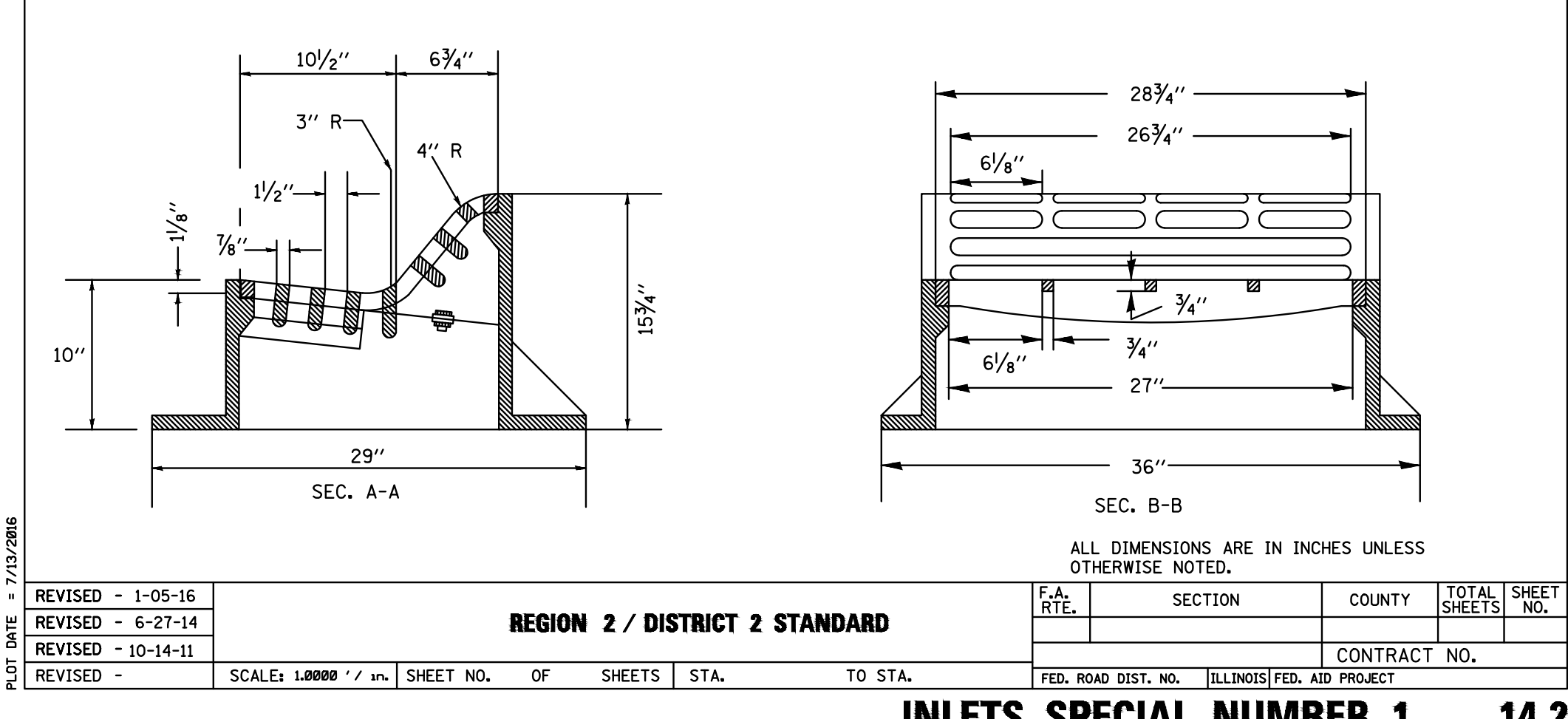
THE CONTRACT UNIT PRICE EACH FOR INLETS, SPECIAL, NO.1 SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.

FRAME AND GRATE \* R-3503-B OR EQUIVALENT

# SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS



# DETAIL OF FRAME & GRATE



**FEHR GRAHAM**  
ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

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121 WEST 2ND STREET  
DIXON, IL 61021

PROJECT AND LOCATION:  
CITY OF DIXON STREETS PROGRAM  
FY 2020  
DIXON, IL

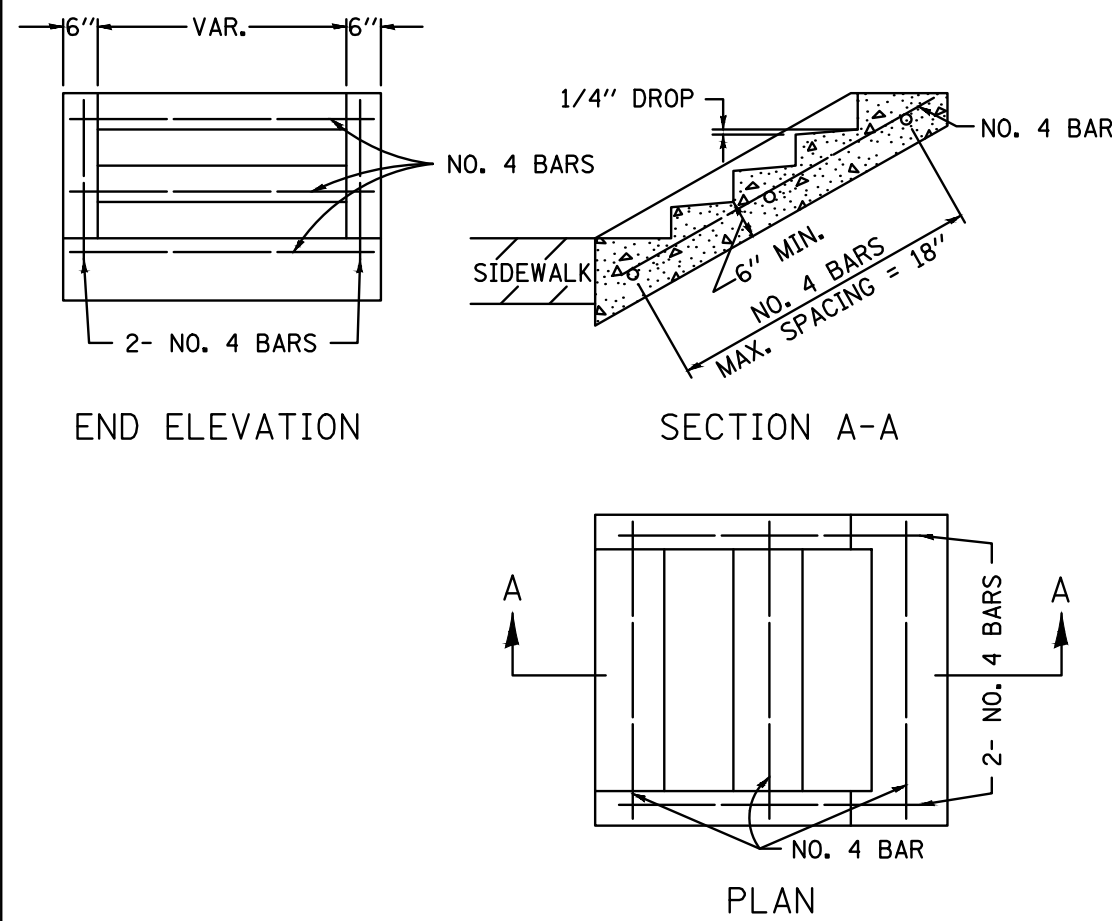
DRAWN BY: YJ/JMV  
APPROVED BY: NJC  
DATE: 10/25/19  
SCALE: AS NOTED

REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING: DETAILS  
SET TYPE: PRELIMINARY  
G:\C30\18-833A\Plans\18-833 A - PLANS.dwg, DETAIL

JOB NUMBER:  
18-833A  
SHEET NUMBER:  
33 of 35

# DETAIL OF CONCRETE STEPS



SLOPE	TREAD	RISER
1:2	12"	6"
1:3	15"	5"
1:4	17"	4 1/4"

WHERE SLOPES FALL BETWEEN THOSE SHOWN IN THE TABLE ABOVE, THE STAIR RAIL SHOULD FIT THE SLOPE AND THE TREAD IN INCHES x THE RISER IN INCHES SHOULD BE BETWEEN 72 AND 78.

**EXAMPLE:**  
FOR A 1:4 SLOPE USE  $y = \text{RISER HEIGHT}$   $4y^2 = 75$ , SOLVING  $y^2 = \frac{75}{4}$ ,  $y = 4.3$ " (USE 4 1/4" FOR CONVENIENCE.)  
TREAD WOULD THEN BE  $4 \times 4.3 = 17$ "

COST OF REINFORCEMENT BARS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LBS FOR REINFORCEMENT BARS.

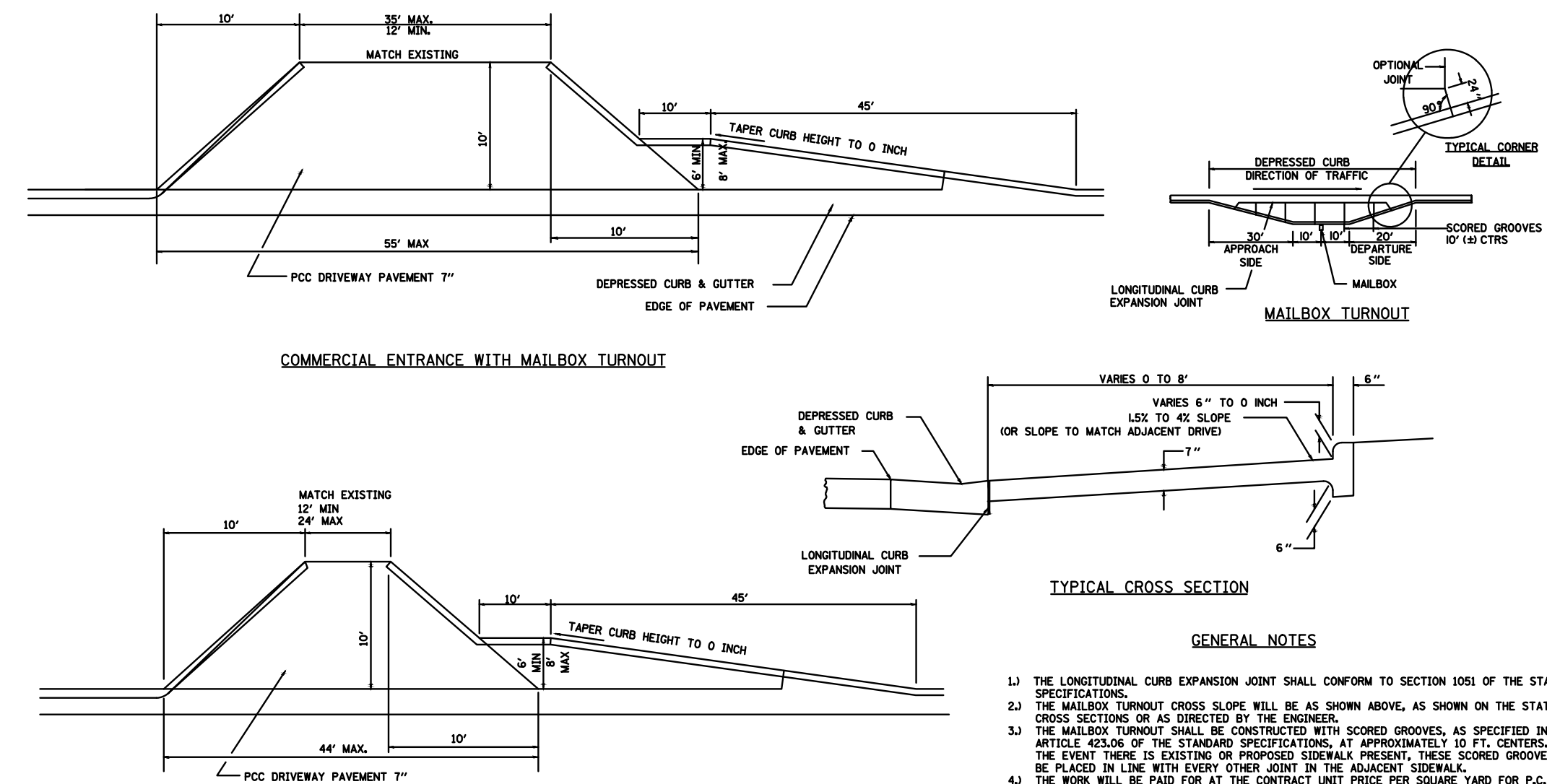
CLASS SI CONCRETE SHALL BE USED THROUGHOUT, WHICH SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STEPS

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISD - 8-27-13	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISD - 10-03-11	<b>REGION 2 / DISTRICT 2 STANDARD</b> SCALE: 1:8000 1/4" = 1'-0" SHEET NO. OF SHEETS STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
REVISD -					
REVISD -					

## DETAIL OF CONCRETE STEPS 71.4

# MAILBOX TURNOUT IN CURB AND GUTTER SECTION

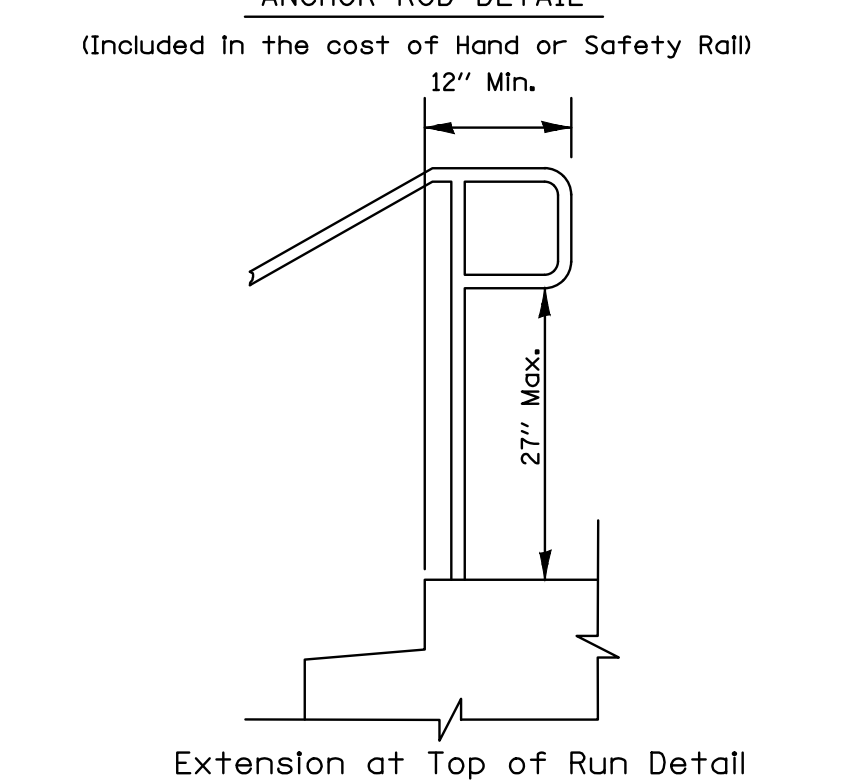
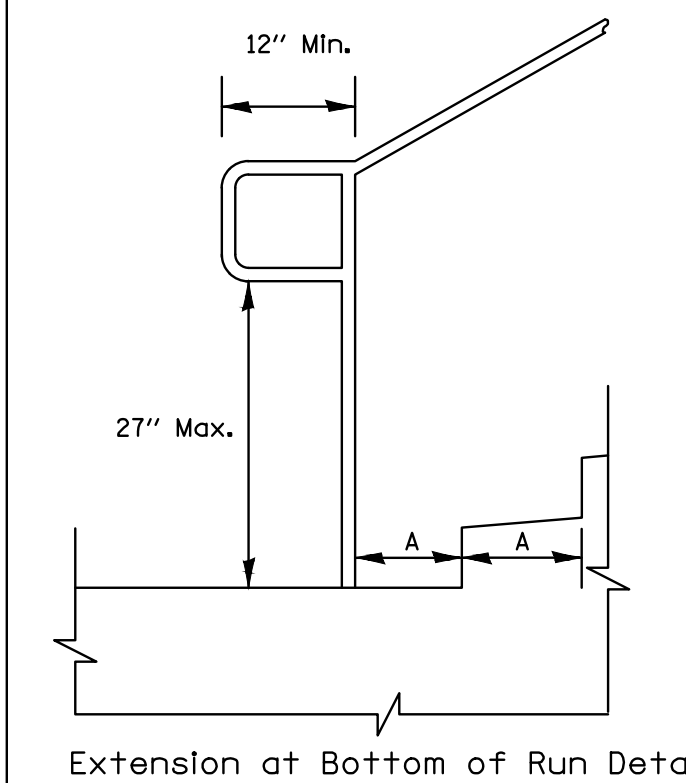
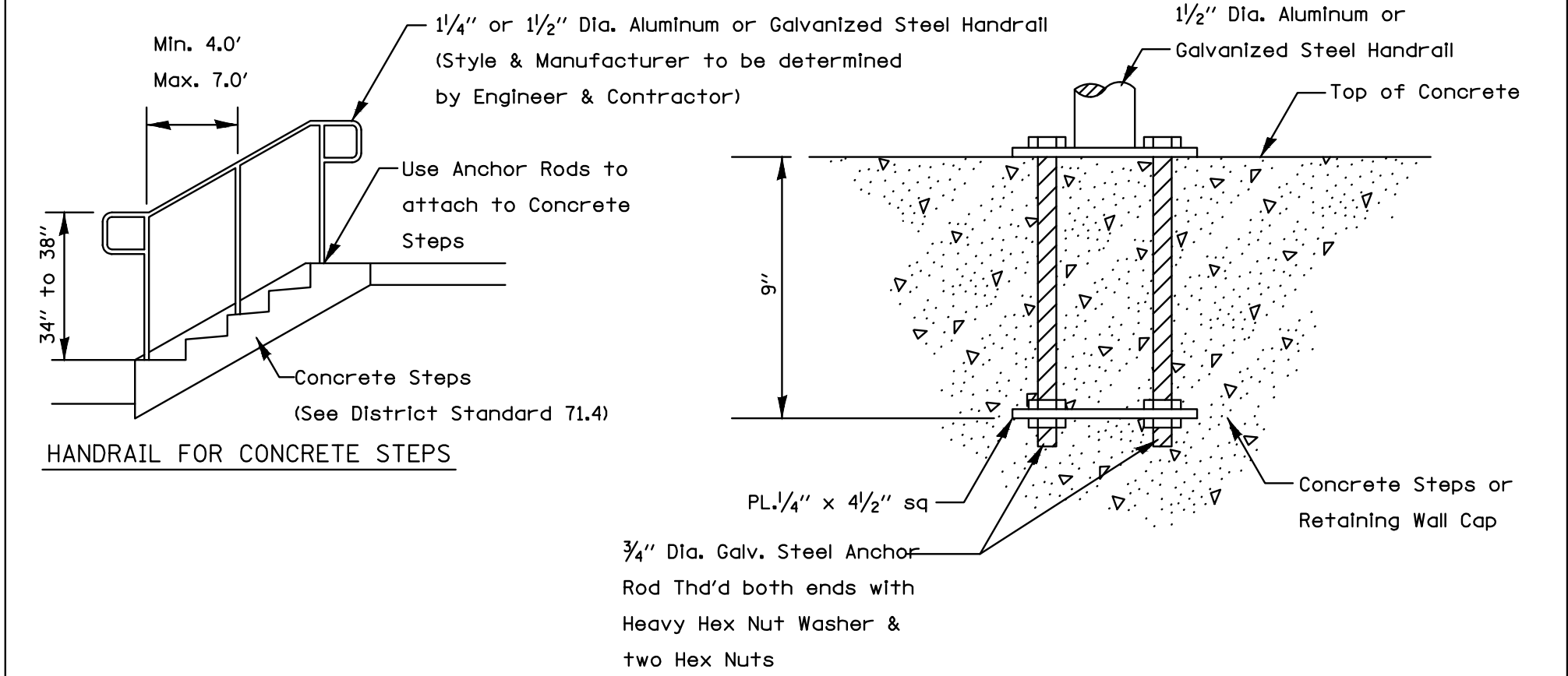


- GENERAL NOTES**
- 1.) THE LONGITUDINAL CURB EXPANSION JOINT SHALL CONFORM TO SECTION 1051 OF THE STANDARD SPECIFICATIONS.
  - 2.) THE MAILBOX TURNOUT CROSS SLOPE WILL BE AS SHOWN ABOVE, AS SHOWN ON THE STATION CROSS SECTIONS OR AS DIRECTED BY THE ENGINEER.
  - 3.) THE MAILBOX TURNOUT SHALL BE CONSTRUCTED WITH SCORED GROOVES, AS SPECIFIED IN ARTICLE 1006.30 OF THE STANDARD SPECIFICATIONS, AT APPROXIMATELY 10 FT. CENTERS. IN THE EVENT THERE IS EXISTING OR PROPOSED SIDEWALK PRESENT, THESE SCORED GROOVES SHALL BE PLACED IN LINE WITH EVERY OTHER JOINT ON THE ADJACENT SIDEWALK.
  - 4.) THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR P.C. CONCRETE DRIVEWAY PAVEMENT OF THE THICKNESS SPECIFIED IN THE PLANS WHICH PRICE SHALL INCLUDE THE LONGITUDINAL CURB EXPANSION JOINT AND MONOLITHIC CURB AS SHOWN, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
  - 5.) SEE THE DISTRICT STANDARD 25.1 FOR ADDITIONAL DETAILS.
  - 6.) MAILBOXES SHALL BE INSTALLED TO CURRENT UNITED STATES POSTAL SERVICE MAILBOX GUIDELINES.

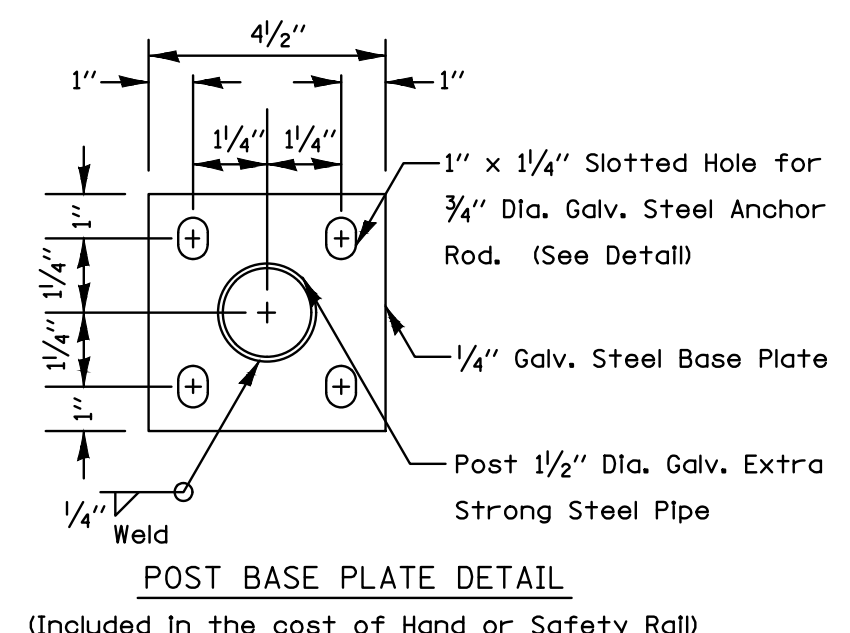
DESIGNED -	REVISD - 1-10-13	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISD - 1-23-13	<b>REGION 2 / DISTRICT 2 STANDARD</b> SCALE: 1:8000 1/4" = 1'-0" SHEET NO. OF SHEETS STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CHECKED -	REVISD - 10-21-13					
DATE -	REVISD -					

## MAILBOX TURNOUT IN CURB AND GUTTER SECTION 3.1

# PIPE HANDRAILS FOR STEPS



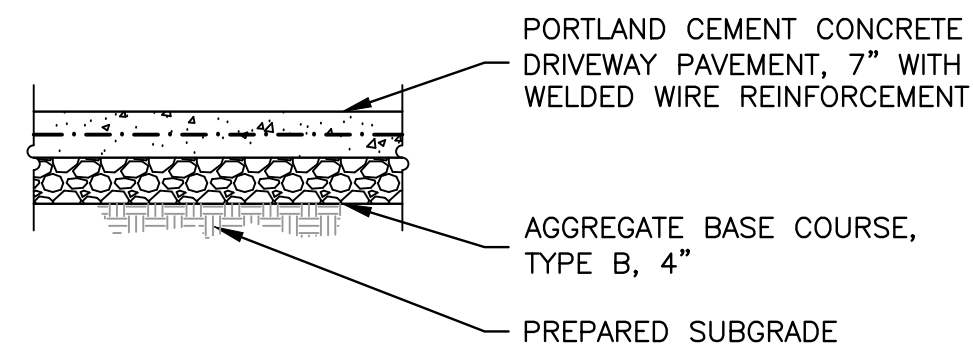
**Notes:**  
Stairways shall have continuous handrails both sides of all stairs.  
The inside handrail on switchback or dogleg stairs shall always be continuous.  
Gripping surfaces shall be uninterrupted by newel posts, other construction elements, or obstructions.  
Ends of handrail shall be either rounded or returned smoothly to floor, wall, or post.  
Hand & safety rails shall not rotate within their fittings.  
The clear space between handrails and any wall shall be 1/2"  
Handrail shall conform to Section 509 with the exception that all pipe and connections shall be welded galvanized or aluminum according to Article 1006.30, or 1006.34.  
The diameter of the gripping surface of the handrail shall be 1-1/4" to 1-1/2"  
This work shall be paid for at the contract unit price per FOOT for PIPE HANDRAIL.



REVISD - 1-05-16	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISD - 10-14-11	<b>REGION 2 / DISTRICT 2 STANDARD</b> SCALE: 1:8000 1/4" = 1'-0" SHEET NO. OF SHEETS STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
REVISD -					
REVISD -					

## PIPE HANDRAILS FOR STEPS 63.2

REV. NO.	DESCRIPTION	DATE



**CONCRETE PAVEMENT**

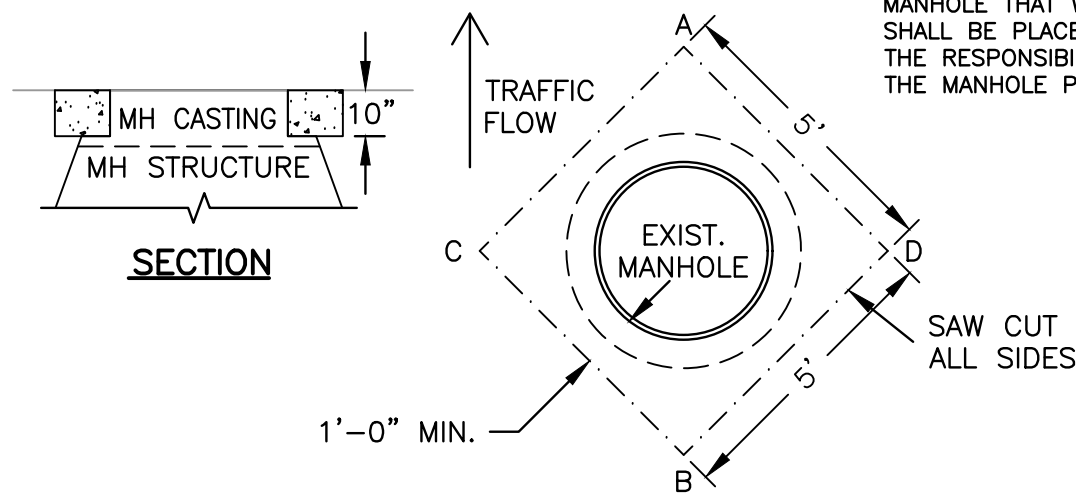
**DRIVEWAY PAVEMENT CROSS SECTION**  
N.T.S.

1. ADJUST MANHOLE AFTER PAVING IS COMPLETED.
2. SAW CUT SQUARE OPENING SET AT DIAGONAL, WITH ALL DIAGONAL CUTS CONSISTING OF 5'X5' DIAMOND CONFIGURATION AROUND THE CENTER OF THE FRAME.
3. REMOVE PAVEMENT MATERIAL AND ADJUST MANHOLE TO WITHIN 1/4" TO 3/8" OF TOP OF NEW PAVEMENT IF STRING IS PULLED FROM POINT A TO B. CHECK C TO D WITH STRING FOR POTENTIAL CONFLICT AND ADJUST AS NEEDED.
4. PRIOR TO PLACEMENT OF CONCRETE, MAKE SURE BASE IS COMPACTED SUFFICIENTLY & OUTSIDE EDGE OF OPENING HAS VERTICAL WALLS.
5. FILL VOID WITH MINIMUM OF 10" OF CONCRETE, THIS WORK SHALL MEET THE REQUIREMENTS OF ARTICLE 442.02 NOTE #1 AND ARTICLE 701.17(e)(2)&(3).
6. TROWEL OFF CONCRETE FLUSH WITH NEW PAVEMENT AND BROOM FINISH. MANHOLE FRAME SHALL BE RECESSED FROM CONCRETE NO MORE THAN 3/8".
7. IF MANHOLE FRAME AND LID IS WITHIN 2" OF FINAL ADJUSTMENT, AN ADJUSTING RING MAY BE USED INSTEAD OF COMPLETE REMOVAL OF CASTING AND ADJUSTMENT. THIS WORK SHALL CONFORM TO SECTION 602 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", LATEST EDITION. THE WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR MANHOLE TO BE ADJUSTED, WHICH SHALL INCLUDE SAW CUTTING, REMOVAL OF MATERIAL, RISER RING AND PLACEMENT OF CONCRETE.
8. IF MANHOLE FRAME AND LID REQUIRES AN ADJUSTMENT OF GREATER THAN 2", THEN REMOVAL OF CASTING AND LID SHALL BE REQUIRED WITH NEEDED ADJUSTMENT AS PER SECTION 602 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", LATEST EDITION. THE WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR MANHOLES TO BE ADJUSTED, WHICH SHALL INCLUDE SAW CUTTING, REMOVAL OF MATERIAL, ADJUSTMENT OF MANHOLE FRAME AND LID AND CONCRETE PLACEMENT.
9. THE CONTRACTOR SHALL ALSO MARK THE LOCATION OF EACH MANHOLE PRIOR TO PAVING ALONG THE EDGE OF THE PAVEMENT OR CURB WITH A LATH AND OR PAINT MARKS SO THAT IT CAN BE READILY FOUND. THE ABOVE WORK SHALL BE INCIDENTAL TO THE MANHOLE ADJUSTMENT.

**NOTE:** IF DURING THE PAVING OPERATION AN ADJUSTING RING IS USED AND ADJUSTED MANHOLE MATCHES THE NEW PAVEMENT, THEN SAW CUTTING, REMOVAL OF MATERIAL AND CONCRETE PLACEMENT WILL NOT BE REQUIRED. THIS WORK SHALL BE INCIDENTAL AND SHALL BE CONSIDERED A PART OF THE MANHOLE TO BE ADJUSTED. THIS WORK SHALL CONFORM TO SECTION 602 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", LATEST EDITION. IF ABOVE WORK DOES NOT MEET GUIDELINES OF ITEM 3 AND 5 AFTER ROLLING OF PAVEMENT, THEN SAW CUTTING AND ADJUSTMENT WILL BE REQUIRED AS PER INSTRUCTIONS ABOVE.

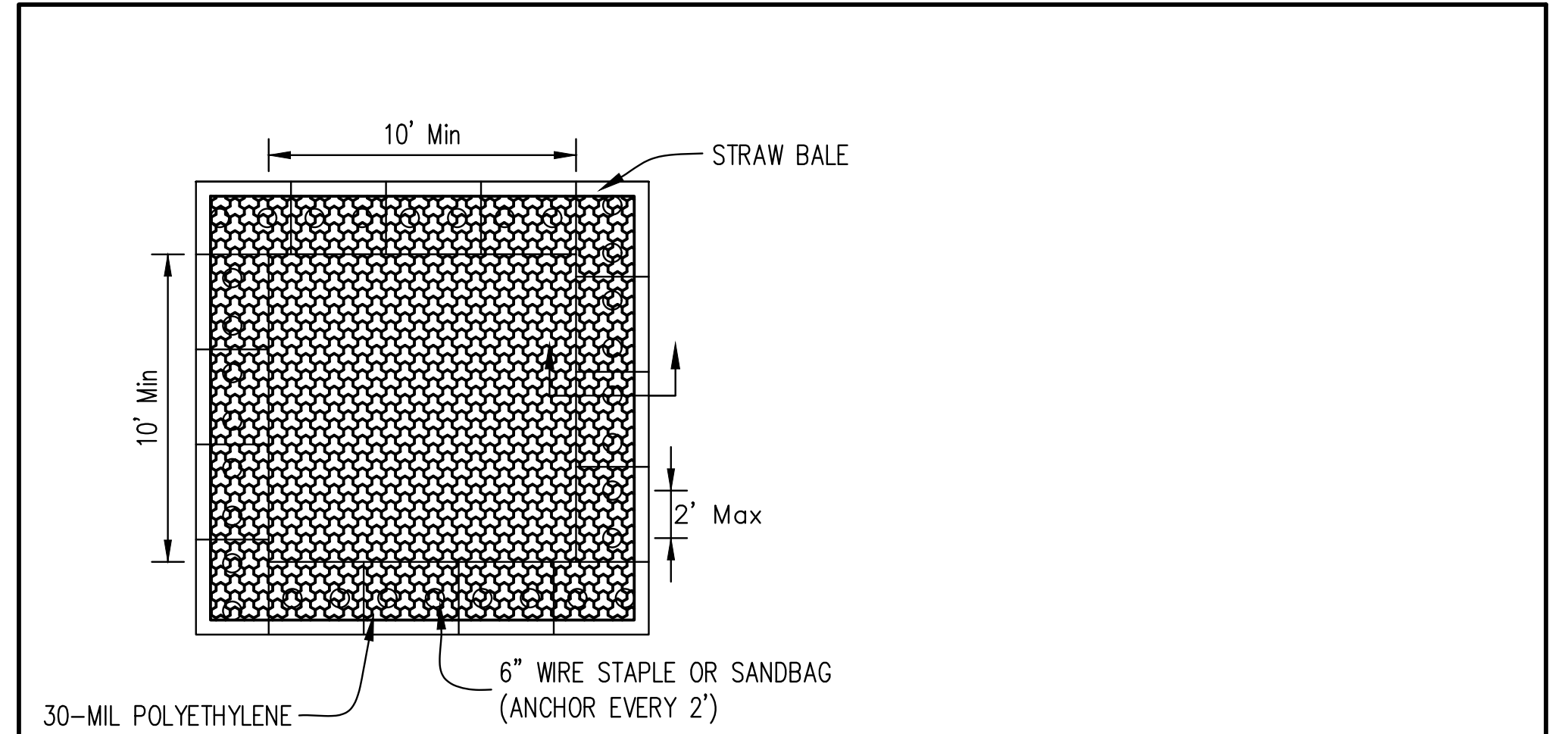
**MANHOLES**

CASTINGS ARE TO BE REMOVED PRIOR TO PAVEMENT GRINDING OR PAVEMENT RE-SURFACING. A GEOTECHNICAL FABRIC SHALL BE PLACED OVER OPENING OF THE MANHOLE THAT WAS HAMMERED OUT. A PLYWOOD COOKIE AND THE MANHOLE LID SHALL BE PLACED OVER THE FABRIC AND BACKFILLED WITH GRAVEL. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAN OUT ANY DEBRIS FROM WITHIN THE MANHOLE PRIOR TO AND DURING THE ADJUSTMENT OF THE CASTING.

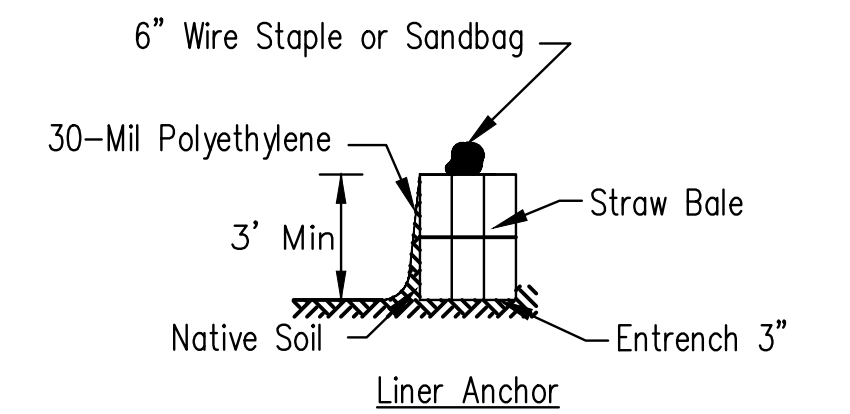


**MANHOLE ADJUSTMENT DETAIL**  
N.T.S.

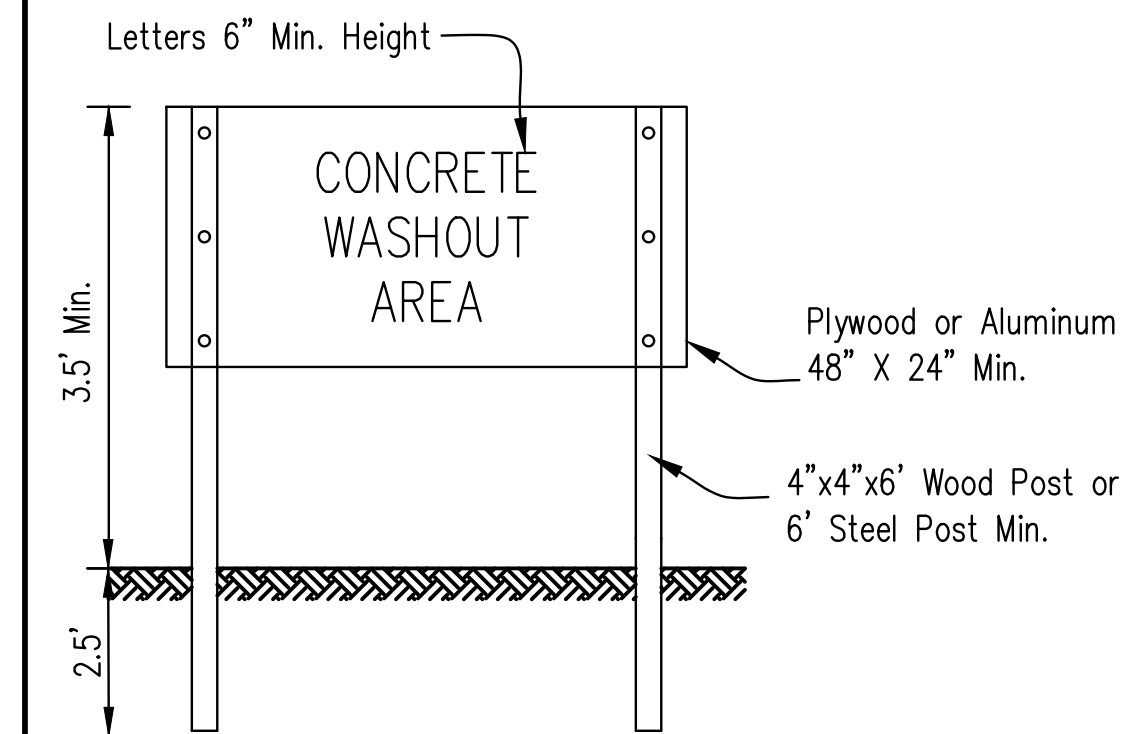
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**PLAN VIEW**



**STRAW BALE ANCHOR SECTIONS**



**SIGN DETAIL**

**NOTES:**

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
3. Each straw bale is to be staked in place using (2) 2"x2"x4' wooden stakes.

SHEET NO. 18-833A DRAWING NO. 85693 FILE NO.	<b>TEMPORARY CONCRETE WASHOUT FACILITY – STRAW BALE</b>	Date _____ Designed _____ Drawn By: JOHNSON 6/08 Checked _____ Approved _____
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**FEHR GRAHAM**

ENGINEERING & ENVIRONMENTAL  
ILLINOIS DESIGN FIRM NO. 184-003525

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REVISIONS		
REV. NO.	DESCRIPTION	DATE

DRAWING:  
**DETAILS**

SET TYPE: **PRELIMINARY**  
G:\C30\18-833A\Plans\18-833 A - PLANS.dwg, DETAIL (2)

JOB NUMBER:  
**18-833A**

SHEET NUMBER:  
**35 of 35**