

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00111-00-RS	KANE	30	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO.		

INDEX OF SHEETS

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9	CEDAR AVENUE
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IDOT STANDARD DRAWINGS

PERPENDICULAR CURB RAMPS FOR SIDEWALKS  
 CLASS C AND D PATCHES  
 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER  
 LANE CLOSURE, 2L, 2W, UNDIVIDED  
 SIDEWALK, CORNER OR CROSSWALK CLOSURE  
 TRAFFIC CONTROL DEVICES  
 TYPICAL PAVEMENT MARKINGS  
 TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION  
 TRAFFIC CONTROL DEVICES - DAY LABOR MAINTENANCE  
 TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS & DRIVEWAYS  
 DISTRICT ONE TYPICAL PAVEMENT MARKINGS  
 BUTT JOINTS & HMA TAPER DETAILS

CITY STANDARD  
 STD. 442201-03  
 STD. 606001-07  
 STD. 701501-06  
 STD. 701801-06  
 STD. 701901-08  
 STD. 780001-05  
 B.L.R. 17-4  
 B.L.R. 18-6  
 TC-10  
 TC-13  
 BD-32

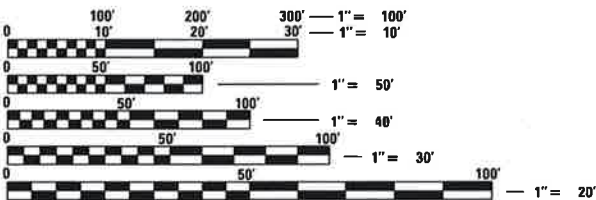
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
 ROADWAY IMPROVEMENTS**

CEDAR AVENUE - N. RIVERSIDE AVE. TO N. 5TH AVE.  
 STATE AVENUE - N. RIVERSIDE AVE. TO N. 2ND AVE.  
 MOODY STREET - S. 4TH ST. TO S. 3RD ST.  
 FIELDGATE ROAD - FOXFIELD RD. TO E. MAIN ST.  
 S. 11TH STREET - OAK ST. TO PRAIRIE ST.  
 MAJESTIC OAKS DRIVE - E. FRANCIS CIR. TO QUEEN ELIZABETH LN.  
 MEADOW VIEW DRIVE - RED GATE RD. TO N. MEADOW VIEW DR.  
 N. MEADOW VIEW DR. - MEADOW VIEW DR. TO PRAIRIE CROSSING DR.  
 GRAY STREET - WEST END TO S. 6TH ST.  
 ILLINOIS STREET - S. 1ST STREET TO ILLINOIS ST. BRIDGE  
 DEVILLE LANE - PICASSO DR. TO ST. GERMAIN PL.

SECTION 19-00111-00-RS  
 CITY OF ST. CHARLES  
 KANE COUNTY



Approved 3/11/19  
 City of St. Charles, Public Works Manager - Engineering

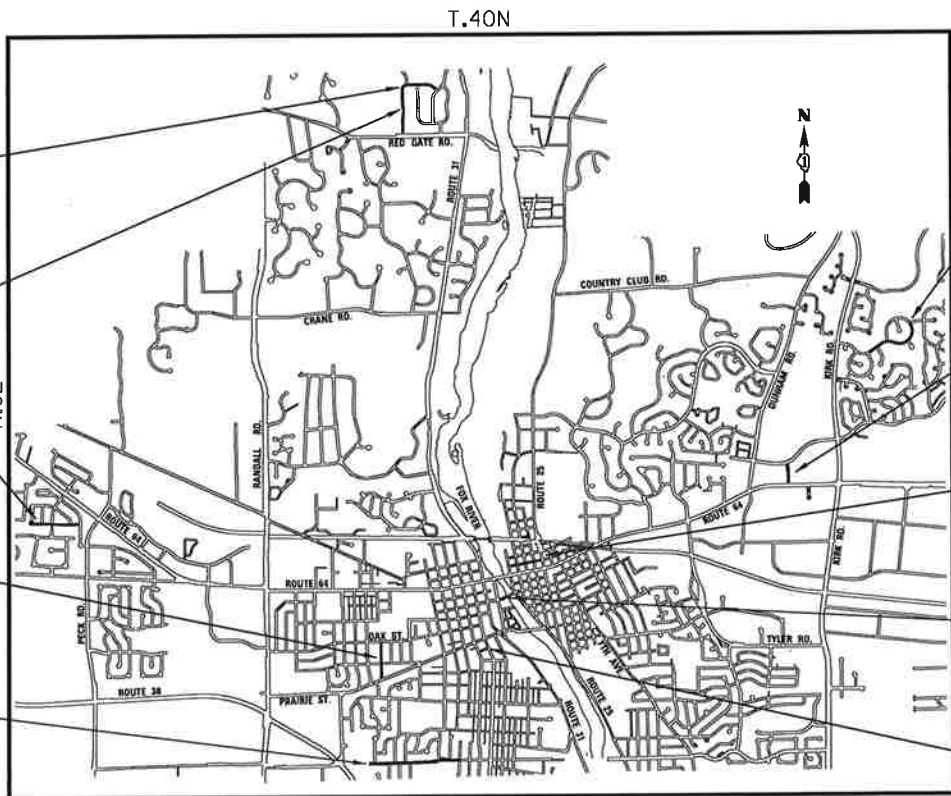


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD  
 ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT  
 CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS  
 ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

Call Before You Dig  
**JULIE**  
 800.892.0123  
 OR 811  
 Call 48 hours before you dig  
 (Excluding Sat., Sun. & Holidays)

Joint Utility Locating Information for Excavators

TRAFFIC DATA  
 N. MEADOW VIEW DR.  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 MEADOW VIEW DRIVE  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 DEVILLE LANE  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 SOUTH 11TH STREET  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 GRAY STREET  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH



TRAFFIC DATA  
 MAJESTIC OAKS DR.  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 FIELDGATE ROAD  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 STATE & CEDAR  
 AVENUES  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 ILLINOIS STREET  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 MOODY STREET  
 RECONSTRUCTION  
 SPEED LIMIT = 25 MPH

GROSS LENGTH OF IMPROVEMENTS - ALL STREETS = 13,145 LINEAL FEET (2.490 MILES)  
 NET LENGTH OF IMPROVEMENTS - ALL STREETS = 12,376 LINEAL FEET (2.344 MILES)

GENERAL NOTES

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

1.

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2019; THE LATEST EDITIONS OF THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS"; THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS"; THE CITY OF ST. CHARLES SPECIFICATIONS; THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
2.

ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
3.

PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
4.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 1-800-892-0123 FOR FIELD LOCATION OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
5.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR CITY PROPERTY WITHOUT WRITTEN PERMISSION FROM THE CITY.
6.

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT. OR A PROFESSIONAL LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
7.

OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
8.

AGGREGATE SUBGRADE IMPROVEMENT FOR DRIVEWAYS, SIDEWALKS, AND COMBINATION CURB & GUTTER TO BE CA-6.
9.

THE CONTRACTOR SHALL NOT DELIVER AND STORE ANY MATERIAL ON THE PROJECT SITE MORE THAN ONE WEEK IN ADVANCE OF COMMENCING WORK. ALL STORAGE LOCATIONS MUST BE APPROVED IN ADVANCE BY THE ENGINEER. NO PORTION OF THE ROADWAY MAY BE USED FOR ANY MATERIAL STORAGE. THE COST FOR ANY PAVEMENT AND/OR PARKWAY REPAIR REQUIRED DUE TO DAMAGE CAUSED BY MATERIALS STORAGE SHALL BE BORNE BY THE CONTRACTOR.
10.

THE CONTRACTOR SHALL NOTIFY THE CITY OF ST CHARLES ENGINEER 48 HOURS PRIOR TO COMMENCEMENT OF ALL ITEMS OF WORK.
11.

ALL ENGINES AND ENGINE DRIVEN EQUIPMENT USED FOR HAULING OR CONSTRUCTION SHALL BE EQUIPPED WITH AN ADEQUATE MUFFLER IN CONSTANT OPERATION AND PROPERLY MAINTAINED TO PREVENT EXCESSIVE UNUSUAL NOISES. ANY MACHINE OR DEVICE OR PART THEREOF WHICH IS REGULATED BY OR BECOMES REGULATED BY FEDERAL OR STATE OF ILLINOIS NOISE STANDARDS SHALL CONFORM TO THOSE STANDARDS.
12.

CONSTRUCTION OPERATIONS, INCLUDING THE STARTUP OF HEAVY EQUIPMENT, SHALL NOT BEGIN BEFORE 7:00 AM MONDAY THROUGH SATURDAY. CONSTRUCTION OPERATIONS INCLUDING SITE CLEANUP, SHALL BE COMPLETED BEFORE 7:00 PM MONDAY THROUGH FRIDAY AND 5:00PM ON SATURDAY. NO WORK OF ANY KIND SHALL BE DONE ON SUNDAYS OR HOLIDAYS OBSERVED IN ILLINOIS. THESE TIME RESTRICTIONS SHALL NOT APPLY TO MAINTENANCE OR OPERATION OF SAFETY AND TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, SIGNS AND/OR LIGHTING, OR TO CONSTRUCTION OF AN EMERGENCY NATURE. IF THE CONTRACTOR REQUIRES ADDITIONAL TIME TO COMPLETE A PORTION OF THE WORK ON ANY GIVEN DAY OR IF HE FORESEES THE NEED TO WORK EXTENDED HOURS FOR A NUMBER OF DAYS TO COMPLY WITH THE CONSTRUCTION SCHEDULE, THEN HE MUST RECEIVE APPROVAL OF THE ENGINEER.
13.

THE CONTRACTOR SHALL SCHEDULE AND CONDUCT HIS OPERATIONS SO THAT THE CLOSURE TIME OF EXISTING DRIVEWAYS ALONG THE ROUTE OF IMPROVEMENTS IS KEPT TO A MINIMUM. ALL HOMEOWNERS SHALL BE GIVEN A MINIMUM 48-HOUR NOTICE PRIOR TO INITIAL REMOVAL OF THEIR DRIVEWAY APRON. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO KEEP DRIVEWAYS OPEN INCLUDING TEMPORARY GRADING AND PLACEMENT OF AGGREGATE THE COST OF WHICH SHALL BE INCLUDED IN THE DRIVEWAY PAY ITEMS.
14.

BEGINNING ON THE DATE THAT THE CONTRACTOR COMMENCES WORK ON THE PROJECT, HE/SHE SHALL ASSUME RESPONSIBILITY FOR NORMAL MAINTENANCE OF ALL EXISTING ROADWAYS WITHIN THE LIMITS OF THE IMPROVEMENTS. NORMAL MAINTENANCE SHALL INCLUDE ALL REPAIR WORK DEEMED NECESSARY BY THE ENGINEER. THE WORK INVOLVED IN MAINTAINING THE EXISTING PAVEMENT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
15.

THE CONTRACTOR AND HIS SUBCONTRACTORS SHALL REMOVE FROM THE JOBSITE ANY RUBBISH AND WASTE MATERIAL BY THE END OF EACH WORKING DAY. THE CONTRACTOR SHALL KEEP THE PREMISES CLEAN DURING CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER, INCLUDING UTILIZATION OF A STREET SWEEPER OR HAND CLEANING AS NECESSARY.
16.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSTING SUITABLE ADVANCE NOTICE ON STREETS SCHEDULED TO BE RESURFACED AT LEAST 24 HOURS, BUT NOT MORE THAN 48 HOURS, PRIOR TO COMMENCEMENT OF WORK. "NO PARKING" SIGNS DISPLAYING CONSTRUCTION TIMES SHALL BE PLACED ON ROADWAYS 48 HOURS PRIOR TO PAVEMENT REMOVAL, TACK COAT, FABRIC, AND HMA PLACEMENT. ALL SUCH NOTICES SHALL BE REMOVED BY THE CONTRACTOR IMMEDIATELY UPON THE COMPLETION OF WORK IN EACH BLOCK.
17.

CONTRACTOR SHALL PROVIDE THE ENGINEER NOTIFICATION TEN (10) WORKING DAYS PRIOR TO THE REMOVAL OF ANY TREE OR SHRUB.
18.

ROOT PRUNING SHALL BE AS DIRECTED BY THE ENGINEER AND SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEMS
19.

CONTRACTOR PAYOUT REQUESTS CAN BE SUBMITTED AT ANY TIME, AND DO NOT HAVE TO GO THROUGH A SCHEDULED CITY COUNCIL MEETING TO AUTHORIZE PAYMENT AS LONG AS THE CONTRACT AMOUNT IS NOT EXCEEDED. CHANGE ORDERS, WHICH WOULD CAUSE THE CONTRACT TO GO ABOVE ORIGINAL CONTRACT AMOUNT, WILL GO THROUGH SCHEDULED COMMITTEE AND COUNCIL MEETINGS FOR APPROVAL. SUBMITTALS REQUIRED FOR ANY CONTRACTOR PAYOUTS, WHICH MUST BE RECEIVED PRIOR TO RELEASE OF PAYOUT, ARE LISTED BELOW:  
1.LIEN WAIVERS FROM GENERAL CONTRACTOR AND ANY SUBCONTRACTORS OR VENDOR RECEIVING PAYMENTS FROM SUBJECT PAYOUT.  
2.COPIES OF CERTIFIED PAYROLL FOR PERIOD WHEN WORK WAS COMPLETED.  
3.SWORN STATEMENT FROM GENERAL CONTRACTOR.

STORM SEWERS, WATER MAINS, AND UTILITIES

1.

THE CONTRACTOR SHALL CALL IN REQUESTS FOR LOCATES OF CITY UTILITIES (630-377-4405) NO MORE THAN SEVEN DAYS IN ADVANCE OF WORK. PUBLIC WORKS FORCES WILL LOCATE CITY OWNED UTILITIES AT THE REQUEST OF THE CONTRACTOR ONE TIME PER PROJECT FOR EACH INDIVIDUAL SYSTEM. EACH REQUEST MAY INVOLVE MULTIPLE LOCATIONS WHERE SEPARATED UTILITY SYSTEMS ARE INVOLVED. THE CONTRACTOR WILL BE REQUIRED TO REIMBURSE THE CITY OF ST CHARLES FOR TIME AND MATERIAL COSTS ASSOCIATED WITH ADDITIONAL LOCATE REQUESTS.

STORM SEWERS, WATER MAINS, AND UTILITIES CONTINUED

2.

THE CONTRACTOR MUST EXERCISE EXTREME CAUTION WHILE WORKING AROUND EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY JULIE (1-800-892-0123) A MINIMUM OF 48 HOURS BEFORE COMMENCING CONSTRUCTION FOR UTILITY LOCATIONS WITHIN THE SCOPE OF THE PROJECT. IT IS RECOMMENDED THAT THE CONTRACTOR CONDUCT A JOINT UTILITY MEET PRIOR TO COMMENCING WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT AGENCIES WHO MAY OR MAY NOT BE PART OF THE JULIE SYSTEM IN ORDER TO OBTAIN THE HORIZONTAL AND VERTICAL FIELD LOCATIONS OF THEIR FACILITIES WITHIN THE LIMITS OF THE PROPOSED IMPROVEMENTS.
3.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN IF THEY ARE NOT SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER OR REPLACED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
4.

ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
5.

CONSTRUCTION STAKING AND IDENTIFICATION OF UTILITY REPAIR LOCATIONS MUST BE COMPLETED BY THE CONTRACTOR BEFORE COMMENCEMENT OF ALL OTHER CONTRACT WORK.
6.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE EXACT LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES AND EXISTING SEWER SERVICE CONNECTIONS PRIOR TO COMMENCING WORK AND TO COORDINATE ANY CHANGES TO THE PROPOSED UTILITY LAYOUT AND/OR ELEVATIONS WITH THE ENGINEER.
7.

THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.
8.

THE CONTRACTOR SHALL ENSURE THAT ALL WATER SYSTEM VALVES, VALVE VAULTS, AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE TO THE CITY FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND BE READILY VISIBLE AT ALL TIMES.
9.

WHENEVER ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES OR GUTTERS SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF CURB REMOVAL AND REPLACEMENT.
10.

THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY COMPANIES INVOLVED WITH THE REMOVAL, TEMPORARY RELOCATION, SUPPORT, PROTECTION, RECONSTRUCTION, OR ABANDONMENT BY THESE COMPANIES OF ANY AND ALL SERVICES OR FACILITIES OWNED OR OPERATED BY THEM WITHIN THE PROJECT LIMITS.
11.

WHEN NEW FRAMES ARE CALLED FOR ON THE PLANS, THE EXISTING FRAMES, LIDS AND GRATES SHALL REMAIN THE PROPERTY OF THE CITY OF ST. CHARLES. THE CONTRACTOR SHALL DELIVER THE EXISTING FRAMES, LIDS AND GRATES TO THE PUBLIC WORKS FACILITY AT: 200 DEVEREAUX WAY, OR AS DIRECTED BY THE ENGINEER.
12.

ALL NEWLY INSTALLED SEWER LINES WILL BE TELEVISED BY THE CITY AND MUST BE APPROVED BY THE PUBLIC WORKS ENGINEERING DIVISION BEFORE PAVEMENT PLACEMENT. ANY DEFECTS, POOR WORKMANSHIP, ETC. FOUND DURING TELEVISING SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. ANY SPOILS, STONE OR CONSTRUCTION MATERIAL FOUND IN THE PIPES SHALL BE JETTED AND CLEANED PRIOR TO CITY APPROVAL.

SIGNING AND STRIPING

1.

THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SUCH SIGNS THAT INTERFERE WITH CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED. THIS WORK WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.

TRAFFIC CONTROL

1.

THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS CALLED FOR IN THE SPECIAL PROVISIONS & PLANS.
2.

THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET ACCESS AND EXISTING DRIVEWAY ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT.
3.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 107.14 OF THE STANDARD SPECIFICATIONS.
4.

TRAFFIC CONTROL MAINTENANCE AND SURVEILLANCE SHALL BE PERFORMED BY THE CONTRACTOR AS NEEDED AND SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED TRAFFIC CONTROL PAY ITEMS.
5.

ANY ROAD CLOSURES AND/OR DETOURS NEEDED FOR CONSTRUCTION SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEMS.

EROSION CONTROL

1.

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE KANE COUNTY AND THE CITY OF ST. CHARLES STORMWATER ORDINANCES, ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT ILRIO AND THE SWPPP DOCUMENT. THE CONTRACTOR SHALL ALSO FOLLOW THE STANDARDS AND SPECIFICATIONS IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL.
2.

SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.
3.

CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.
4.

DAMAGED OR INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED WITHIN 72 HOURS. EROSION CONTROL SYSTEMS REPLACED DUE TO SEDIMENT LOADING WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CONTRACT. SEE CONTRACT SPECIAL PROVISIONS.
5.

ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.

FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM GENERAL NOTES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BH	REVISED -							19-00111-00-RS	KANE	30	2
	PLOT SCALE =	CHECKED -	REVISED -						CONTRACT NO.				
	PLOT DATE =	DATE - 2/28/2019	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	FED. ROAD DIST. NO. 1	ILLINOIS

SUMMARY OF QUANTITIES

SEQUENCE OF OPERATIONS

THE CONTRACTOR SHALL COORDINATE HIS WORK IN A MANNER THAT WILL CAUSE AS LITTLE INCONVENIENCE TO TRAFFIC AS POSSIBLE. THE CONTRACTOR SHALL WORK CLOSELY WITH CITY OFFICIALS, FIRE AND POLICE DEPARTMENTS TO MINIMIZE INTERRUPTION TO NORMAL TRAFFIC AND PARKING FACILITIES, ACCESS TO HOMES AND BUSINESSES, AND INCONVENIENCES TO THE PUBLIC.

THE PROPOSED SEQUENCE OF WORK IS AS FOLLOWS:

- a. CONSTRUCTION STAKING AND IDENTIFICATION OF UTILITY REPAIR LOCATIONS.
- b. REHABILITATE/REPLACE EXISTING STORM, WATER, AND SANITARY UTILITIES.
- c. CLEAN ALL STRUCTURES.
- d. OBTAIN PUBLIC WORK'S ACCEPTANCE OF ALL NEW UTILITY INSTALLATIONS BY PERFORMING A FINAL ENGINEERING INSPECTION.
- e. REMOVE AND REPLACE CURB AND SIDEWALK SECTIONS.
- f. REMOVE AND REPLACE DRIVEWAY APRONS.
- g. GRIND THE HMA SURFACE AND BASE.
- h. PROOF-ROLL THE EXISTING BASE AS NEEDED.
- i. PERFORM UNDERCUTS, AGGREGATE SUBGRADE IMPROVEMENT, AND PAVEMENT PATCHING AS SPECIFIED BY THE ENGINEER.
- j. APPLY TACK/PRIME COAT.
- k. PLACE HMA BINDER COURSE.
- l. ADJUST ALL UTILITY STRUCTURES, LOCKING FRAMES AND COVERS IN THE ROADWAY WITH CONCRETE.
- m. OBTAIN PUBLIC WORK'S ACCEPTANCE OF ALL UTILITY STRUCTURE ADJUSTMENTS, REBUILDS AND CONCRETE COLLARS. CONTRACTOR TO PROVIDE LABORER TO REMOVE LIDS/GRATES FOR INSPECTIONS. ALL REPAIRED/ADJUSTED STRUCTURES SHALL BE CLEANED AS REQUIRED PRIOR TO FINAL ENGINEERING INSPECTION.
- n. RESTORE PARKWAY.
- o. PLACE PAVEMENT FABRIC.
- p. PLACE HMA SURFACE COURSE.
- q. SWEEP STREET AS REQUIRED.
- r. PLACEMENT OF PAVEMENT MARKINGS.
- s. REMOVE ALL REMAINING TRAFFIC CONTROL PROTECTION AND PUBLIC NOTIFICATION APPURTENANCES.

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT	QTY
	MFT PAY ITEMS		
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY	449
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SY	720
21101615	TOPSOIL FURNISH AND PLACE. 4"	SY	5571
25000100	SEEDING, CLASS 1	AC	1
25100630	EROSION CONTROL BLANKET	SY	5571
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SY	302
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SY	105
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SY	713
35102200	AGGREGATE BASE COURSE, TYPE B, 10"	SY	720
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	62
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	20730
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	1235
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SY	956
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	2057
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50	TON	4734
42300200	PCC DRIVEWAY PAVEMENT, 6 INCH	SY	72
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SF	5801
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SF	1715
42400800	DETECTABLE WARNINGS	SF	470
44000100	PAVEMENT REMOVAL	SY	720
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"	SY	1389
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"	SY	26787
44000160	HOT-MIX ASPHALT SURFACE REMOVAL, 2-3/4"	SY	771
44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"	SY	4523
44000200	DRIVEWAY PAVEMENT REMOVAL	SY	72
44000600	SIDEWALK REMOVAL	SF	7654
44201672	CLASS D PATCHES, TYPE II, 2 INCH	SY	919
44201692	CLASS D PATCHES, TYPE II, 4 INCH	SY	189
44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SY	90
44201705	CLASS D PATCHES, TYPE II, 5 INCH	SY	557
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SY	92
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SY	28514
67100100	MOBILIZATION	LS	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LS	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LS	1
70300100	SHORT TERM PAVEMENT MARKING	LF	450
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SF	150
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	SF	208
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	LF	1926
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	LF	1947
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	LF	16
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	LF	310
88600100	DETECTOR LOOP, TYPE I	LF	350
X0326440	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SY	11878
X0327611	REMOVE AND REINSTALL BRICK PAVER	SF	177
X4400220	CURB REMOVAL AND REPLACEMENT	LF	4864
Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SY	1048
Z0004544	HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL	SY	1048

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT	QTY
	CORPORATE PAY ITEMS		
20800150	TRENCH BACKFILL	CY	221
28000510	INLET FILTERS	EACH	128
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1
55100200	STORM SEWER REMOVAL 6"	LF	22
55100300	STORM SEWER REMOVAL 8"	LF	45
55100400	STORM SEWER REMOVAL 10"	LF	134
55100500	STORM SEWER REMOVAL 12"	LF	78
55100900	STORM SEWER REMOVAL 18"	LF	8
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	2
60207105	CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE	EACH	1
60207705	CATCH BASINS, TYPE C, TYPE 9 FRAME AND GRATE	EACH	1
60208205	CATCH BASINS, TYPE C, TYPE 15 FRAME AND LID	EACH	1
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
60234200	INLETS, TYPE A, TYPE 1 FRAME AND GRATE	EACH	3
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	5
60236100	INLETS, TYPE A, TYPE 6 FRAME AND GRATE	EACH	1
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	1
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	12
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	3
60265900	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	15
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	27
60500040	REMOVING MANHOLES	EACH	10
60500050	REMOVING CATCH BASINS	EACH	7
60500060	REMOVING INLETS	EACH	9
68900200	NON-SPECIAL WASTE DISPOSAL	CY	74
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	LF	60
550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	LF	8
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	LF	8
1	ADJUST WATER SERVICE	EACH	1
2	FIRE HYDRANT ASSEMBLY - REMOVE & REPLACE	EACH	9
3	RAISE FIRE HYDRANT 6"	EACH	1
4	FIRE HYDRANT ASSEMBLY BOLT REPLACEMENT W/ NEW AUX. BOX	EACH	7
5	REMOVE & REPLACE B-BOX	EACH	22
6	REMOVE & REPLACE B-BOX & CURB STOP	EACH	9
7	REPLACE 6" VALVE IN EXISTING VAULT	EACH	11
8	REPLACE 8" VALVE IN EXISTING VAULT	EACH	2
9	REMOVE 4" VALVE IN BOX & REPLACE W/ 4" VALVE IN 4' DIA. VAULT	EACH	1
10	REMOVE 6" VALVE IN BOX & REPLACE W/ 6" VALVE IN 4' DIA. VAULT	EACH	1
11	SANITARY MANHOLE CHIMNEY SEAL	EACH	7
12	SANITARY MANHOLE 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	6
13	SANITARY MANHOLE WITH DROP 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
14	SANITARY SEWER PIPE, 8" PVC, SDR 26, TYPE 2	LF	150
15	SANITARY SEWER PIPE, REMOVE 6" AND REPLACE WITH 8" PVC, C900	LF	90
16	SANITARY SEWER PIPE, REMOVE 8" VCP AND REPLACE WITH 8" PVC, SDR 26	LF	46
17	SANITARY SEWER SERVICE, 6" PVC, SDR 26	LF	56
18	REMOVE & REPLACE SANITARY SEWER SERVICE, 6" PVC, SDR 26	LF	24
19	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	1
20	CATCH BASINS, TYPE C, 3'-DIAMETER, TYPE 15 FRAME AND GRATE	EACH	1
21	STORM SEWERS 6" PVC, SDR 26, Type 1	LF	22
22	STORM SEWERS 10" PVC, SDR 21, Type 1	LF	55
23	STORM SEWERS 10" PVC, SDR 26, Type 1	LF	134
24	STORM SEWERS 12" PVC, SDR 26, Type 2	LF	10

POINT REPAIR TABLE

STREET	SHEET	UTILITY	DESCRIPTION	LENGTH	ISSUE
Cedar Avenue	9	Sanitary	Remove & replace pipe, beginning 127 feet upstream of 4.3-006	8	Bad joint
Cedar Avenue	9	Sanitary	Remove & replace pipe, beginning 148 feet upstream of 4.3-006	14	Bad service connections
Cedar Avenue	9	Sanitary	Remove & replace pipe, beginning 128 feet upstream of 4.3-023	8	Infiltration
Cedar Avenue	9	Storm	Remove & replace pipe, beginning 30 feet upstream of 4.3-658	8	Hole & broken pipe
Cedar Avenue	9	Storm	Remove & replace pipe, between 4.3-911 to 4.3-285	18	Upsize pipe from 8" to 10"
Cedar Avenue	9	Storm	Remove & replace pipe, between 4.3-282 to 4.3-283	32	Upsize pipe from 8" to 10"
Cedar Avenue	9	Storm	Remove & replace pipe, between 4.3-279 to 4.3-280	45	Bends. Upsize pipe from 8" to 10".
Cedar Avenue	9	Storm	Remove & replace pipe, between 4.3-279 to 4.3-278	31	Upsize pipe from 8" to 10"
State Avenue	11	Storm	Remove & replace pipe, beginning 32 feet upstream of 4.3-295	10	Offset joint
Fieldgate Road	12	Sanitary	Remove & replace pipe, from 3.4-074 to 3.4-077	90	Upsize pipe from 6" to 8"
Majestic Oaks Drive	15	Storm	Remove & replace pipe, beginning 6 feet upstream of 2.5-383	10	Offset joints
Majestic Oaks Drive	15	Storm	Remove & replace pipe, beginning 28 feet downstream of 2.5-384	8	Hole in pipe
Majestic Oaks Drive	15	Storm	Remove & replace pipe, beginning 38 feet upstream of 2.5-388	6	Hole in pipe. Utility hit.
Majestic Oaks Drive	15	Storm	Remove & replace pipe, beginning 24 feet upstream of 2.5-421	6	Offset joint
Majestic Oaks Drive	15	Storm	Remove & replace pipe, beginning 40 feet upstream of 2.5-421	8	Broken pipe. Water service hit.
Majestic Oaks Drive	15	Storm	Remove & replace pipe, beginning 49 feet upstream of 2.5-301	8	Broken pipe. Elec & comm. utility hit.
Gray Street	20	Storm	Remove & replace pipe, beginning 26.5 feet upstream of 5.1-531	44	Sheared pipe in two locations
Illinois Street	21	Stirm	Remove & replace pipe, from 4.2-505 to 4.3-560	45	Bends. Upsize pipe from 8" to 10".
Deville Lane	23	Storm	Remove & replace pipe, beginning 13 feet from 7.3-148	8	Hole in pipe. Soil visible.

NOTE:  
Refer to plans for pipe diameter and material requirements for each point repair.

HOT MIX ASPHALT CHART

PAVEMENT RESURFACING

PAY ITEM DESCRIPTION	MIX TYPE	AIR VOIDS @ NDES
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	IL-9.5 mm	4% @ 50 Gyr.
LEVELING BINDER (MACHINE METHOD), N50	IL-9.5 mm	4% @ 50 Gyr.

DRIVEWAY

PAY ITEM DESCRIPTION	MIX TYPE	AIR VOIDS @ NDES
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (3")	IL-9.5 mm	4% @ 50 Gyr.

BIKE PATH

PAY ITEM DESCRIPTION	MIX TYPE	AIR VOIDS @ NDES
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (3")	IL-9.5 mm	4% @ 50 Gyr.

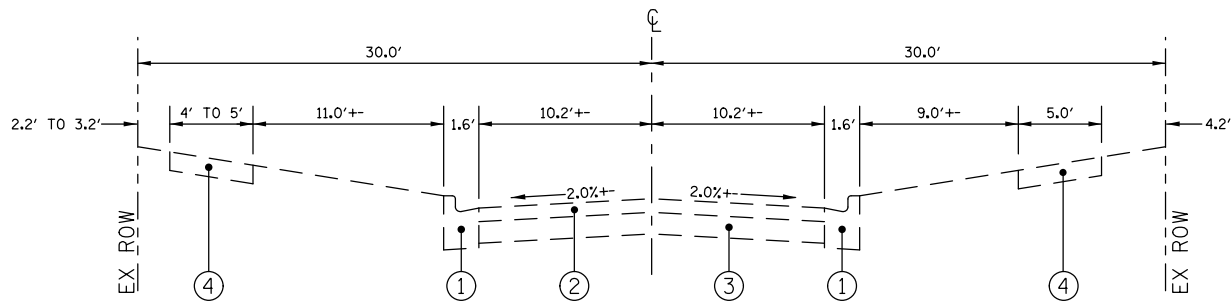
PATCHING

PAY CODE	PAY ITEM DESCRIPTION	MIX TYPE	AIR VOIDS @ NDES
	CLASS D PATCHES (HMA BINDER IL-19mm)	IL-19 mm	4% @ 70 Gyr.

NOTES:  
  
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN  
  
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.  
FOR USE OF RECYCLED MATERIAL SEE SPECIAL PROVISIONS.  
  
CONTRACTOR SHALL MILL PAVEMENT PRIOR TO PATCHING.

FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BH	REVISED -							19-00111-00-RS	KANE	30	3
	PLOT SCALE =	CHECKED -	REVISED -						CONTRACT NO.				
	PLOT DATE =	DATE - 2/28/2019	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	FED. ROAD DIST. NO. 1	ILLINOIS

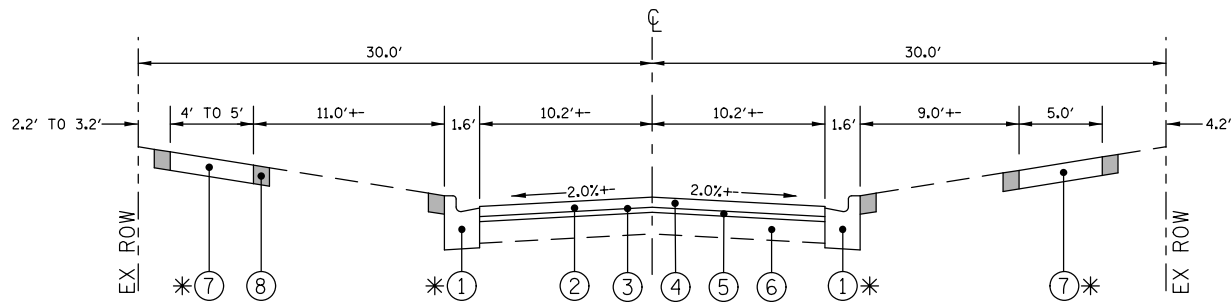




EXISTING TYPICAL CROSS SECTION  
CEDAR AVENUE, N. RIVERSIDE AVE. TO N. 2ND AVE.

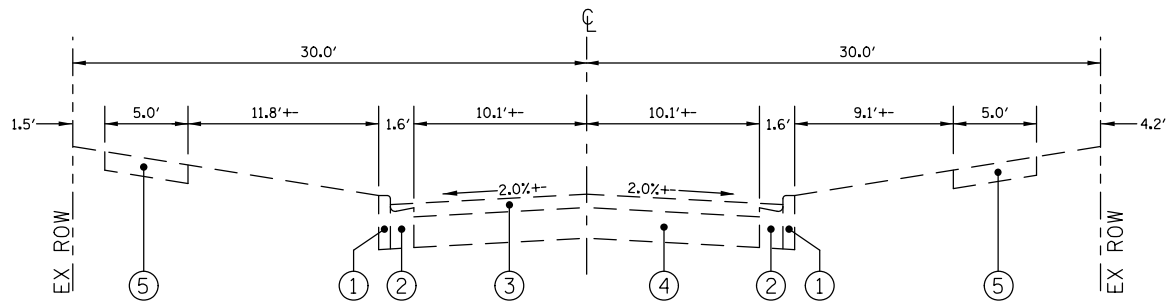
- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 3-1/2"
- ③ EXISTING PORTLAND CEMENT CONCRETE, 5-1/2"
- ④ EXISTING PCC SIDEWALK

CORE: C-12



PROPOSED TYPICAL CROSS SECTION  
CEDAR AVENUE, N. RIVERSIDE AVE. TO N. 2ND AVE.

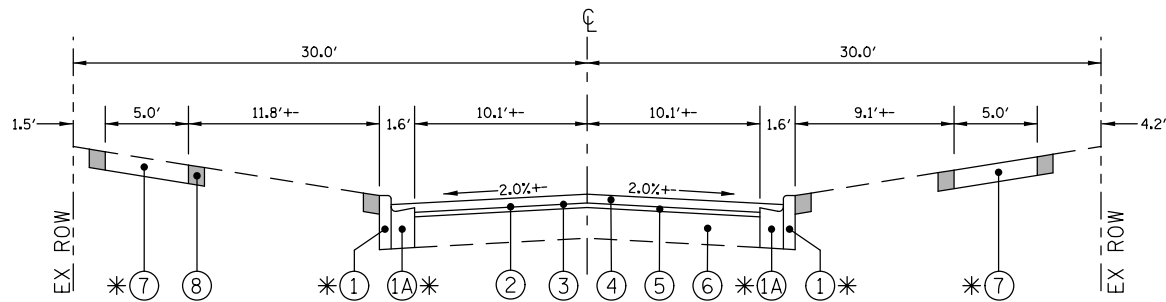
- ① PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
  - ② HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
  - ③ AREA REFLECTIVE CRACK CONTROL TREATMENT
  - ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2-1/2"
  - ⑤ PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 1-1/4"
  - ⑥ EXISTING PORTLAND CEMENT CONCRETE, 5-1/2"
  - ⑦ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
  - ⑧ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER



EXISTING TYPICAL CROSS SECTION  
CEDAR AVENUE, N. 2ND AVE. TO N. 3RD AVE.

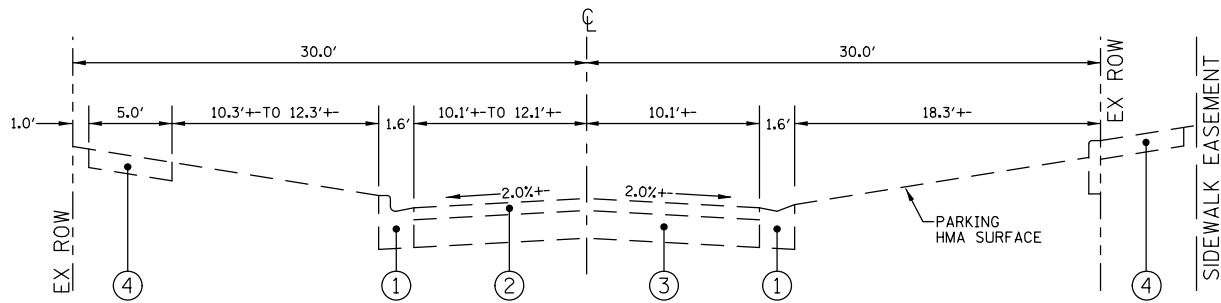
- ① EXISTING CONCRETE CURB, TYPE B FROM 2ND AVE. TO 3+52 RT, FROM 2ND AVE. TO 3+95 LT.
- ② EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12 FROM 3+52 TO 3RD AVE. RT, FROM 3+95 TO 3RD AVE. LT.
- ③ EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 2-3/4"
- ④ EXISTING PORTLAND CEMENT CONCRETE, 8"
- ⑤ EXISTING PCC SIDEWALK

CORE: C-13



PROPOSED TYPICAL CROSS SECTION  
CEDAR AVENUE, N. 2ND AVE. TO N. 3RD AVE.

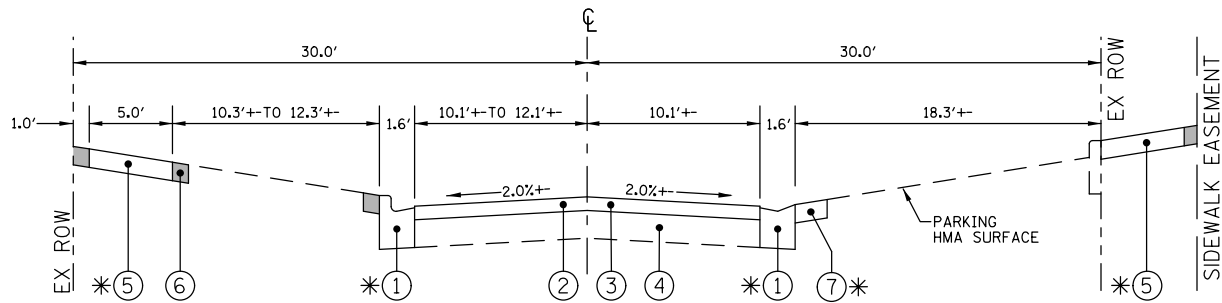
- ① 1A PROP. CURB TYPE B OR COMB. CURB & GUTTER TYPE B6.12
  - ② HOT-MIX ASPHALT SURFACE REMOVAL, 2-3/4"
  - ③ AREA REFLECTIVE CRACK CONTROL TREATMENT
  - ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2"
  - ⑤ PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 1"
  - ⑥ EXISTING PORTLAND CEMENT CONCRETE, 8"
  - ⑦ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
  - ⑧ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER



EXISTING TYPICAL CROSS SECTION  
CEDAR AVENUE, N. 3RD AVE. TO N. 4TH AVE.

- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 1-3/4"
- ③ EXISTING PORTLAND CEMENT CONCRETE, 8-3/4"
- ④ EXISTING PCC SIDEWALK

CORE: C-14

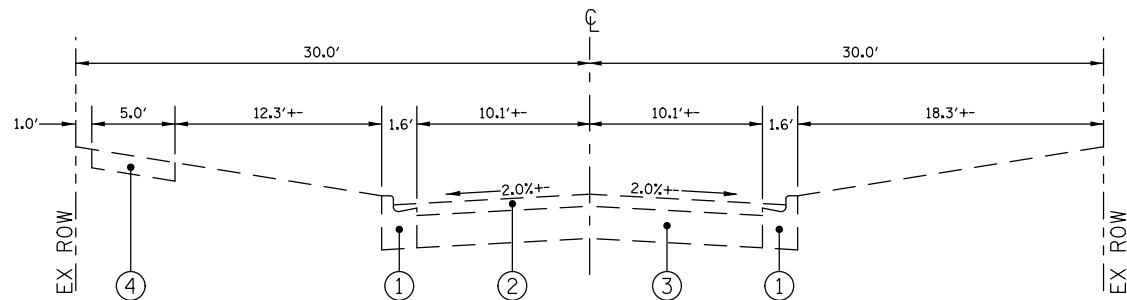


PROPOSED TYPICAL CROSS SECTION  
CEDAR AVENUE, N. 3RD AVE. TO N. 4TH AVE.

- ① PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
  - ② HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"
  - ③ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2"
  - ④ EXISTING PORTLAND CEMENT CONCRETE, 8-3/4"
  - ⑤ PROP. 5" PCC SIDEWALK, 6" THROUGH DRIVEWAYS, 2% MAX. CROSS SLOPE
  - ⑥ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)
  - ⑦ HMA SURFACE PATCH
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER

FILE NAME	USER NAME =	DESIGNED - K.J. & B.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM TYPICAL STREET SECTIONS	SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE =	DATE - 2/28/2019	REVISED -									FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				

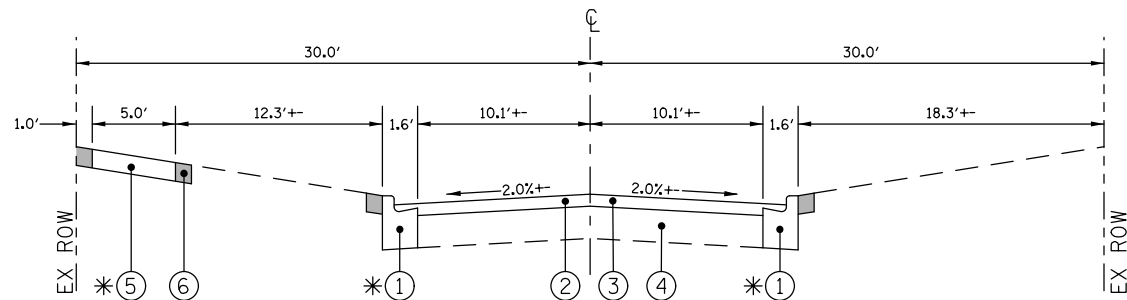




EXISTING TYPICAL CROSS SECTION  
CEDAR AVENUE, N. 4TH AVE. TO N. 5TH AVE.

- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 1-3/4"
- ③ EXISTING PORTLAND CEMENT CONCRETE, 8"
- ④ EXISTING PCC SIDEWALK

CORE: C-15

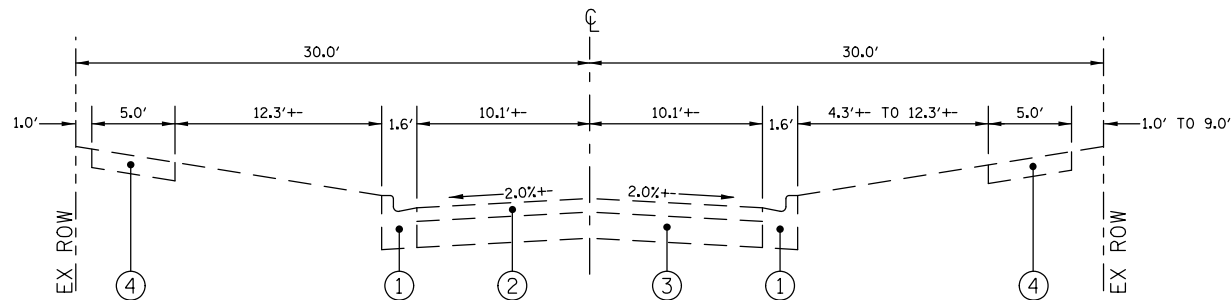


PROPOSED TYPICAL CROSS SECTION  
CEDAR AVENUE, N. 4TH AVE. TO N. 5TH AVE.

- ① PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
- ② HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"
- ③ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2"
- ④ EXISTING PORTLAND CEMENT CONCRETE, 8"

- ⑤ PROPOSED 5" PCC SIDEWALK  
6" THROUGH DRIVEWAYS  
2% MAX. CROSS SLOPE
- ⑥ PARKWAY TO BE RESTORED WITH  
4" TOPSOIL AND SEED (TYP)

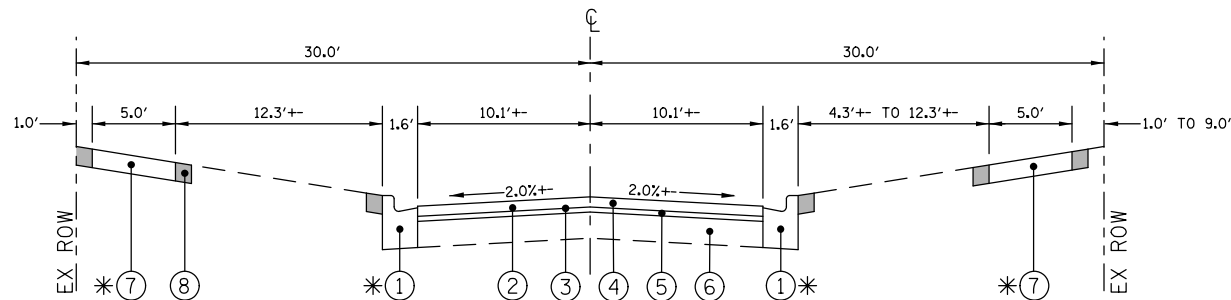
\*LOCATIONS AS SHOWN OF PLANS OR  
AS DETERMINED BY FIELD ENGINEER



EXISTING TYPICAL CROSS SECTION  
STATE AVENUE

- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 3-1/2"
- ③ EXISTING PORTLAND CEMENT CONCRETE, 5-1/2"
- ④ EXISTING PCC SIDEWALK

CORE: C-11

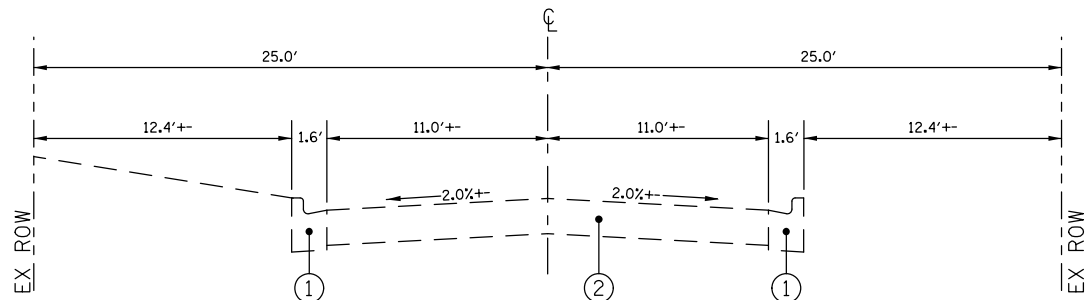


PROPOSED TYPICAL CROSS SECTION  
STATE AVENUE

- ① PROP. COMB. CURB & GUTTER TYPE B6.12 OR CURB TYPE B
- ② HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
- ③ AREA REFLECTIVE CRACK CONTROL TREATMENT
- ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2-1/2"
- ⑤ PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 1-1/4"
- ⑥ EXISTING PORTLAND CEMENT CONCRETE, 5-1/2"

- ⑦ PROPOSED 5" PCC SIDEWALK  
6" THROUGH DRIVEWAYS  
2% MAX. CROSS SLOPE
- ⑧ PARKWAY TO BE RESTORED WITH  
4" TOPSOIL AND SEED (TYP)

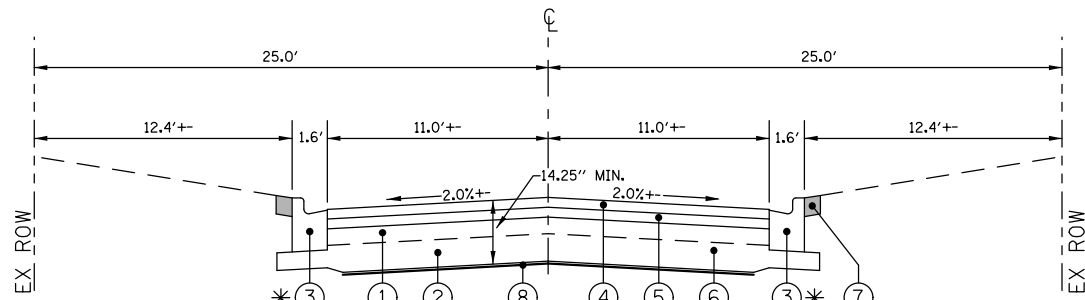
\*LOCATIONS AS SHOWN OF PLANS OR  
AS DETERMINED BY FIELD ENGINEER



EXISTING TYPICAL CROSS SECTION  
MOODY STREET

- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING PORTLAND CEMENT CONCRETE, 8"

CORES: C-1 & C-2



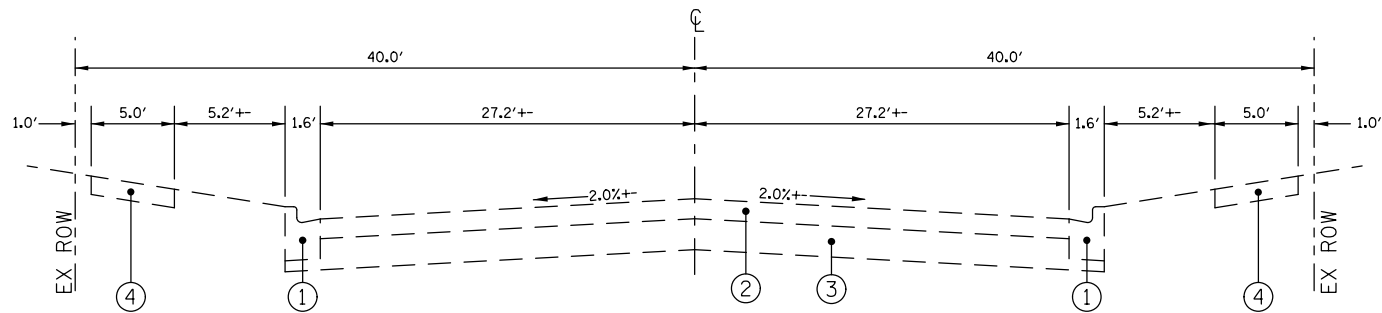
PROPOSED TYPICAL CROSS SECTION  
MOODY STREET

- ① PAVEMENT REMOVAL - 8"
- ② REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS, 6" MIN.
- ③ PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
- ④ HOT-MIX ASPHALT SURFACE COURSE, 1-1/2"
- ⑤ HOT-MIX ASPHALT BINDER COURSE, 2-3/4"
- ⑥ SUB-BASE GRANULAR MATERIAL, 10"

- ⑦ PARKWAY TO BE RESTORED WITH  
4" TOPSOIL AND SEED (TYP)
- ⑧ GEOTECH FABRIC FOR  
GROUND STABILIZATION

\*LOCATIONS AS SHOWN OF PLANS OR  
AS DETERMINED BY FIELD ENGINEER

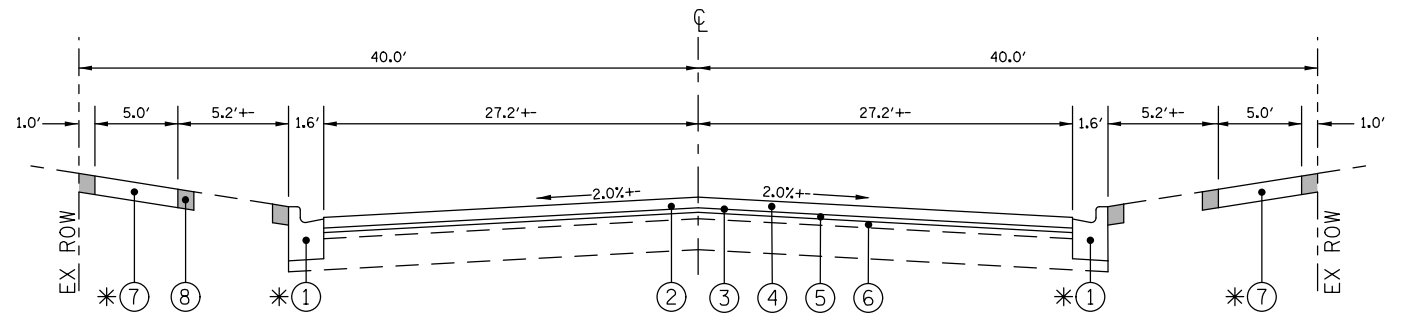
FILE NAME	USER NAME =	DESIGNED - K.J. & B.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM TYPICAL STREET SECTIONS			F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - B.H.	REVISED -						19-00111-00-RS	KANE	30	5
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	PLOT DATE =	DATE - 2/28/2019	REVISED -					FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				
SCALE:		SHEET NO.	OF	SHEETS	STA.	TO STA.						



EXISTING TYPICAL CROSS SECTION  
FIELDGATE ROAD

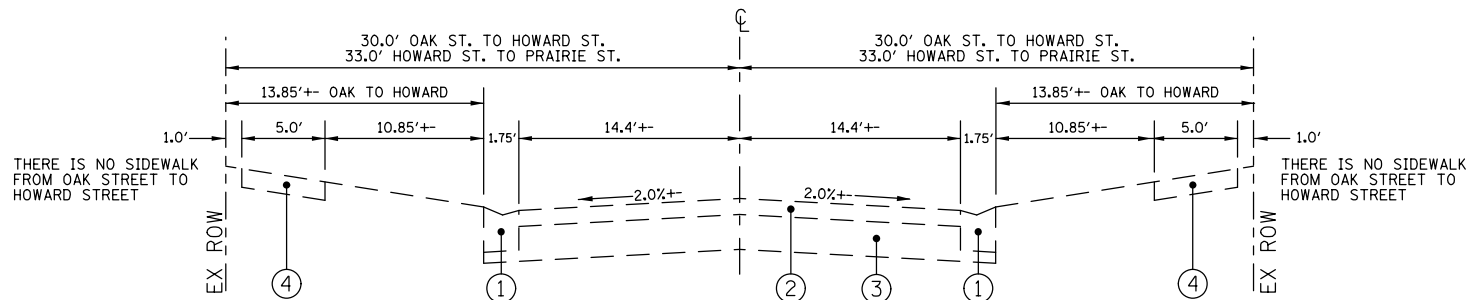
- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 4-3/4" TO 5-1/2"
- ③ EXISTING AGGREGATE BASE COURSE, 8-1/2" TO 11-1/4"
- ④ EXISTING PCC SIDEWALK

CORES: C-22 & C-23



PROPOSED TYPICAL CROSS SECTION  
FIELDGATE ROAD

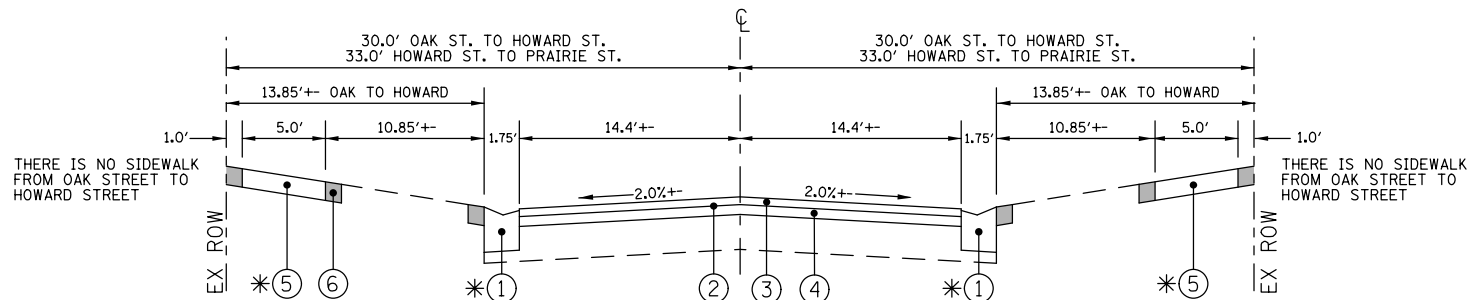
- ① PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
  - ② HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
  - ③ AREA REFLECTIVE CRACK CONTROL TREATMENT
  - ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2"
  - ⑤ PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 3/4"
  - ⑥ EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, TO REMAIN
  - ⑦ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
  - ⑧ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER



EXISTING TYPICAL CROSS SECTION  
SOUTH 11TH STREET

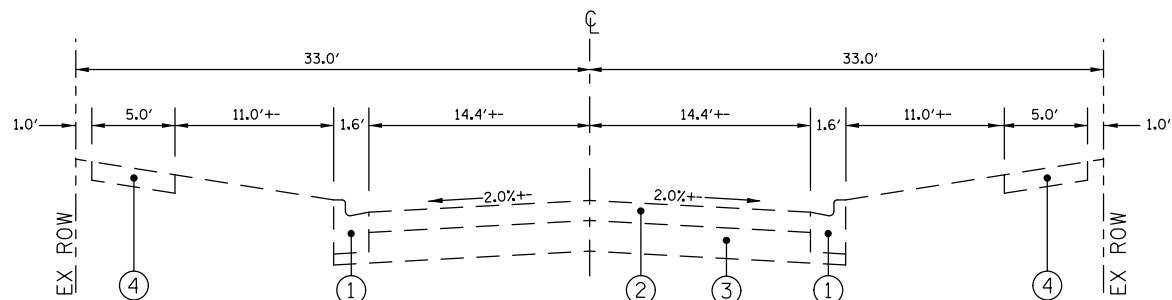
- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B MODIFIED
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 3-1/2"
- ③ EXISTING AGGREGATE BASE COURSE, 7-1/2"
- ④ EXISTING PCC SIDEWALK

CORES: C-26 & C-27



PROPOSED TYPICAL CROSS SECTION  
SOUTH 11TH STREET

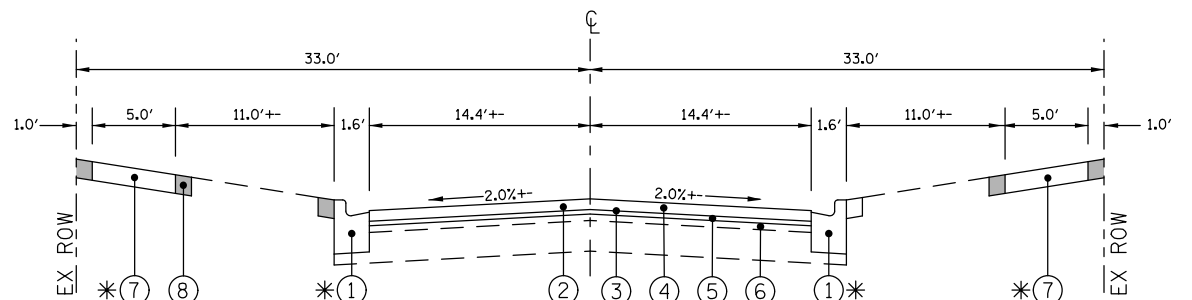
- ① PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B MODIFIED
  - ② HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
  - ③ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1-1/2"
  - ④ PROPOSED HOT-MIX ASPHALT BINDER COURSE, 2-1/4"
  - ⑤ PROP. 5" PCC SIDEWALK, 6" THROUGH DRIVEWAYS, 2% MAX. CROSS SLOPE
  - ⑥ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER



EXISTING TYPICAL CROSS SECTION  
MAJESTIC OAKS DRIVE

- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 6-3/4" TO 8-1/4"
- ③ EXISTING AGGREGATE BASE COURSE, 3-3/4" TO 12-3/4"
- ④ EXISTING PCC SIDEWALK

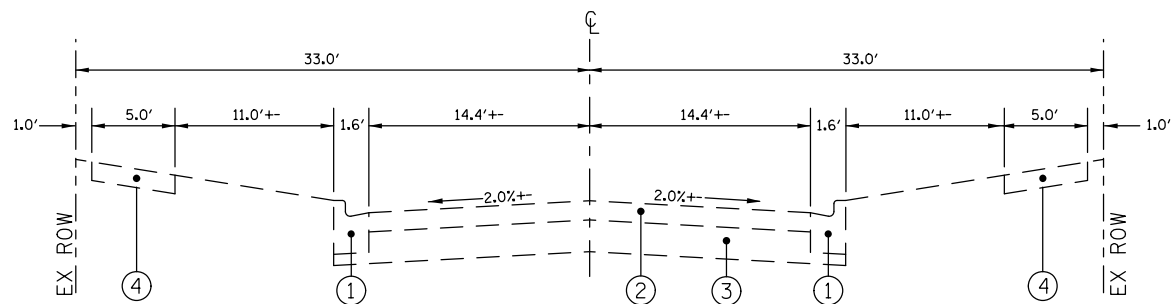
CORES: C-7 THRU C-10



PROPOSED TYPICAL CROSS SECTION  
MAJESTIC OAKS DRIVE

- ① PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
  - ② HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
  - ③ AREA REFLECTIVE CRACK CONTROL TREATMENT
  - ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2"
  - ⑤ PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 3/4"
  - ⑥ EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, TO REMAIN
  - ⑦ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
  - ⑧ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER

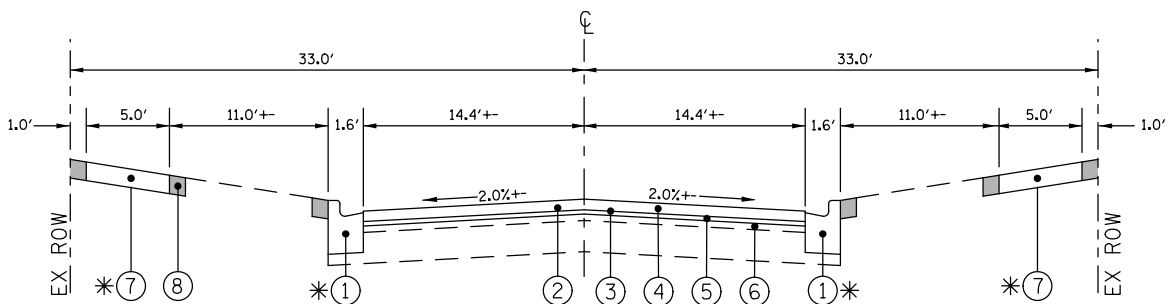
FILE NAME	USER NAME =	DESIGNED - K.J. & B.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM TYPICAL STREET SECTIONS			F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - B.H.	REVISED -						19-00111-00-RS	KANE	30	6
	PLOT SCALE =	CHECKED -	REVISED -					CONTRACT NO.				
	PLOT DATE =	DATE - 2/28/2019	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO.	OF	SHEETS	STA.	TO STA.						



EXISTING TYPICAL CROSS SECTION  
MEADOW VIEW DRIVE & NORTH MEADOW VIEW DRIVE

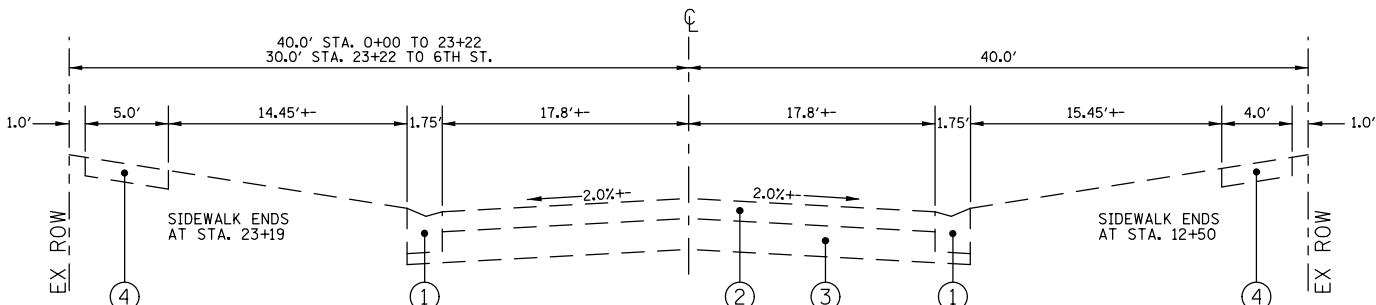
- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 3'' TO 4-1/2''
- ③ EXISTING AGGREGATE BASE COURSE, 9-1/4'' TO 17''
- ④ EXISTING PCC SIDEWALK

CORES: C-3 THRU C-6



PROPOSED TYPICAL CROSS SECTION  
MEADOW VIEW DRIVE & NORTH MEADOW VIEW DRIVE

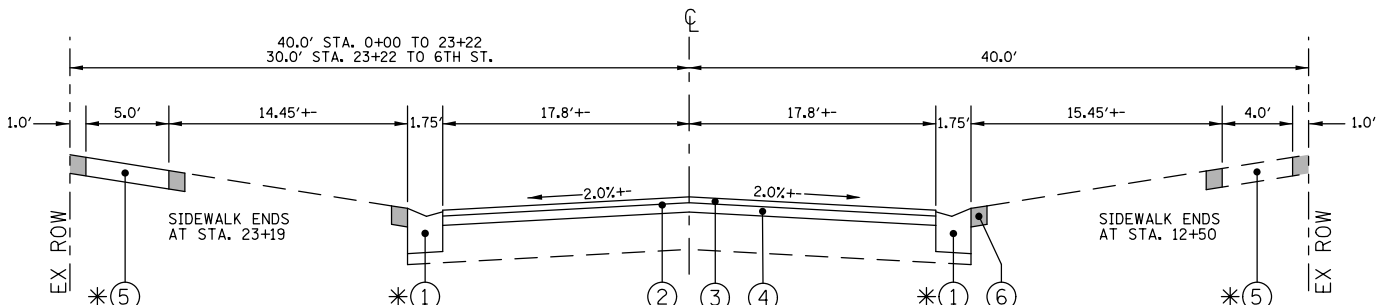
- ① PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
  - ② HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2''
  - ③ AREA REFLECTIVE CRACK CONTROL TREATMENT
  - ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2''
  - ⑤ PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 3/4''
  - ⑥ EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, TO REMAIN
  - ⑦ PROPOSED 5'' PCC SIDEWALK 6'' THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
  - ⑧ PARKWAY TO BE RESTORED WITH 4'' TOPSOIL AND SEED (TYP)
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER



EXISTING TYPICAL CROSS SECTION  
GRAY STREET

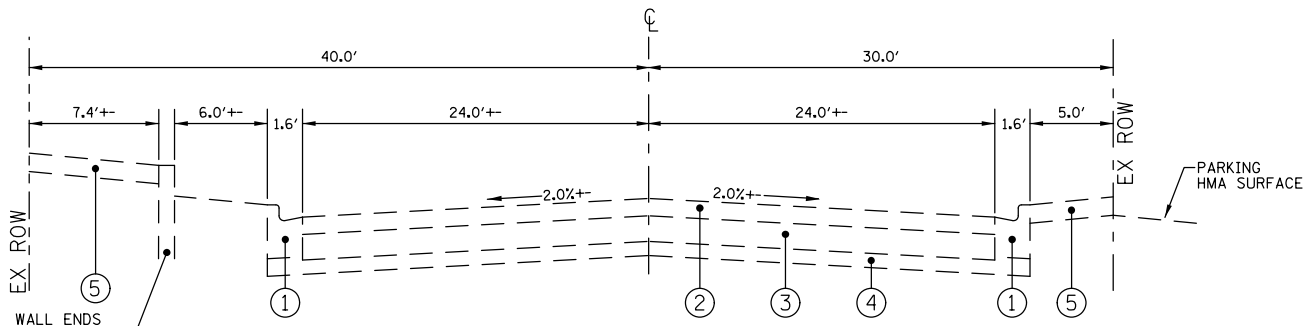
- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B MODIFIED
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 3-1/2'' TO 5-1/2''
- ③ EXISTING AGGREGATE BASE COURSE, 8'' TO 12-1/2''
- ④ EXISTING PCC SIDEWALK

CORES: C-37 THRU C-40



PROPOSED TYPICAL CROSS SECTION  
GRAY STREET

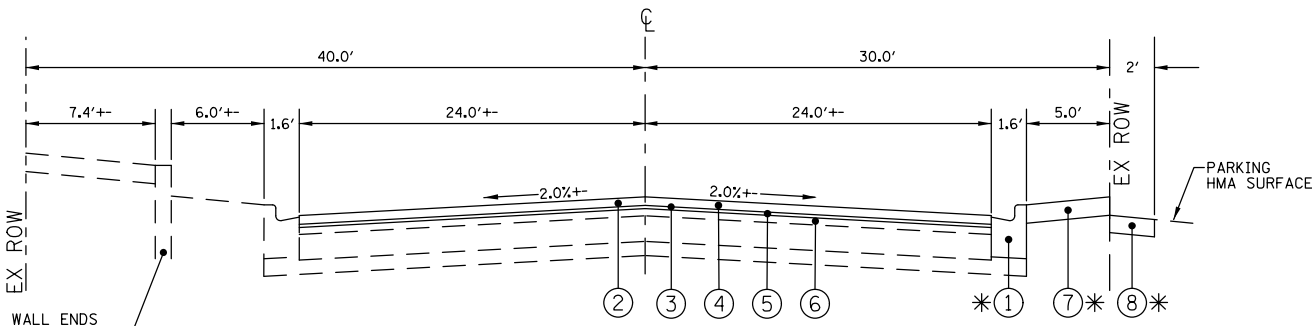
- ① PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
  - ② HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE 3-1/2'' TO 5-1/2''
  - ③ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 1-1/2''
  - ④ PROPOSED HOT-MIX ASPHALT BINDER COURSE, 2-1/4''
  - ⑤ PROPOSED 5'' PCC SIDEWALK 6'' THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
  - ⑥ PARKWAY TO BE RESTORED WITH 4'' TOPSOIL AND SEED (TYP)
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER



EXISTING TYPICAL CROSS SECTION  
ILLINOIS STREET  
S. 1ST ST. TO STA. 1+52

- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 4-1/2''
- ③ EXISTING PORTLAND CEMENT CONCRETE, 8''
- ④ EXISTING AGGREGATE BASE COURSE, 5-1/2''
- ⑤ EXISTING PCC SIDEWALK

CORE: C-20 (2018 REPORT)

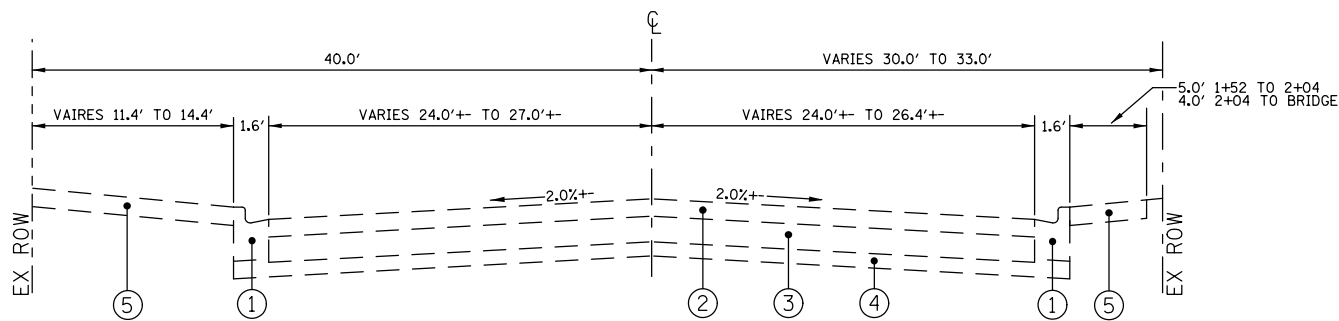


PROPOSED TYPICAL CROSS SECTION  
ILLINOIS STREET, S. 1ST ST. TO STA. 1+52

- ① PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
  - ② HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2''
  - ③ AREA REFLECTIVE CRACK CONTROL TREATMENT
  - ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2''
  - ⑤ PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 3/4''
  - ⑥ EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, TO REMAIN
  - ⑦ PROPOSED 5'' PCC SIDEWALK 6'' THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
  - ⑧ HMA SURFACE PATCH
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER

FILE NAME	USER NAME =	DESIGNED - K.J. & B.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM TYPICAL STREET SECTIONS			F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE =	DATE - 2/28/2019	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO.	OF	SHEETS	STA.	TO STA.						

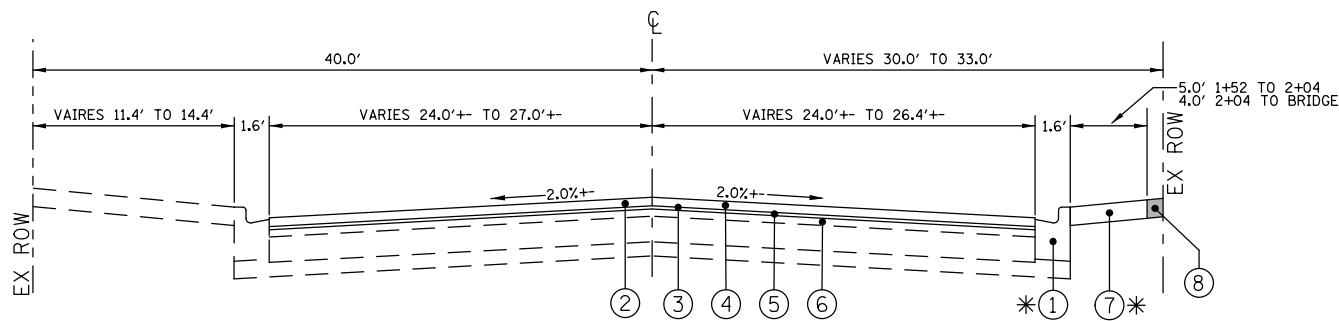




EXISTING TYPICAL CROSS SECTION  
ILLINOIS STREET, STA. 1+52 TO BRIDGE

- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 4-1/2"
- ③ EXISTING PORTLAND CEMENT CONCRETE, 8"
- ④ EXISTING AGGREGATE BASE COURSE, 5-1/2"
- ⑤ EXISTING PCC SIDEWALK

CORE: C-20 (2018 REPORT)

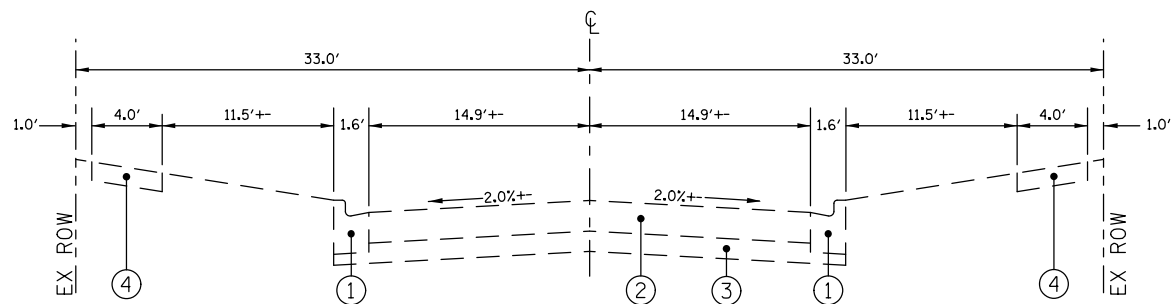


PROPOSED TYPICAL CROSS SECTION  
ILLINOIS STREET, STA. 1+52 TO BRIDGE

- ① PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
- ② HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
- ③ AREA REFLECTIVE CRACK CONTROL TREATMENT
- ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2"
- ⑤ PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 3/4"
- ⑥ EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, TO REMAIN

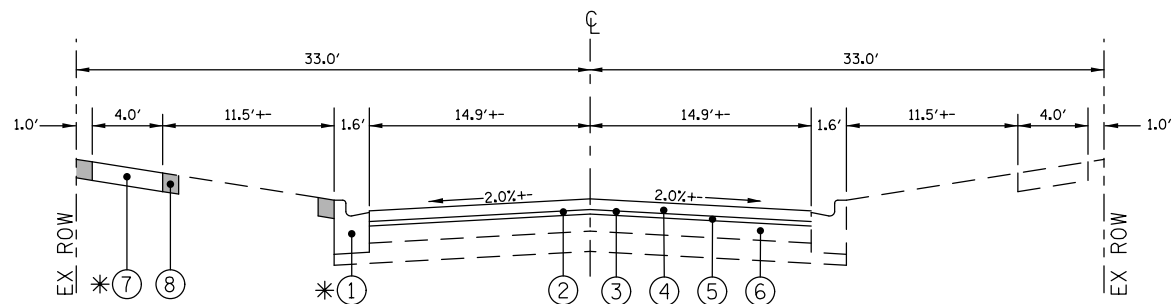
- ⑦ PROPOSED 5" PCC SIDEWALK  
6" THROUGH DRIVEWAYS  
2% MAX. CROSS SLOPE
- ⑧ PARKWAY TO BE RESTORED WITH  
4" TOPSOIL AND SEED

\*LOCATIONS AS SHOWN OF PLANS OR  
AS DETERMINED BY FIELD ENGINEER



EXISTING TYPICAL CROSS SECTION  
DEVILLE LANE

- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 7" TO 7-1/2"
- ③ EXISTING AGGREGATE BASE COURSE, 4-3/4" TO 6-1/2"
- ④ EXISTING PCC SIDEWALK



PROPOSED TYPICAL CROSS SECTION  
DEVILLE LANE

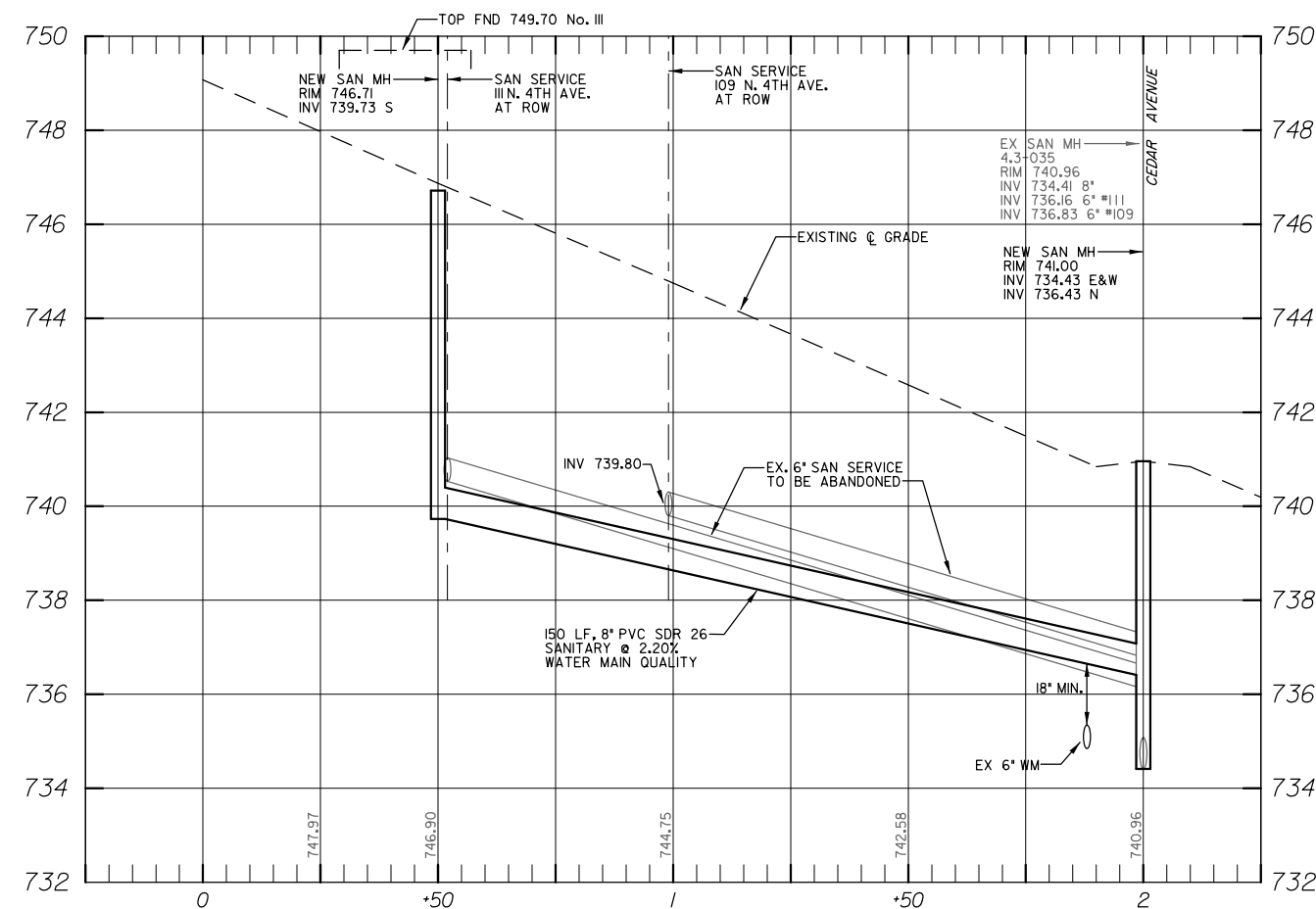
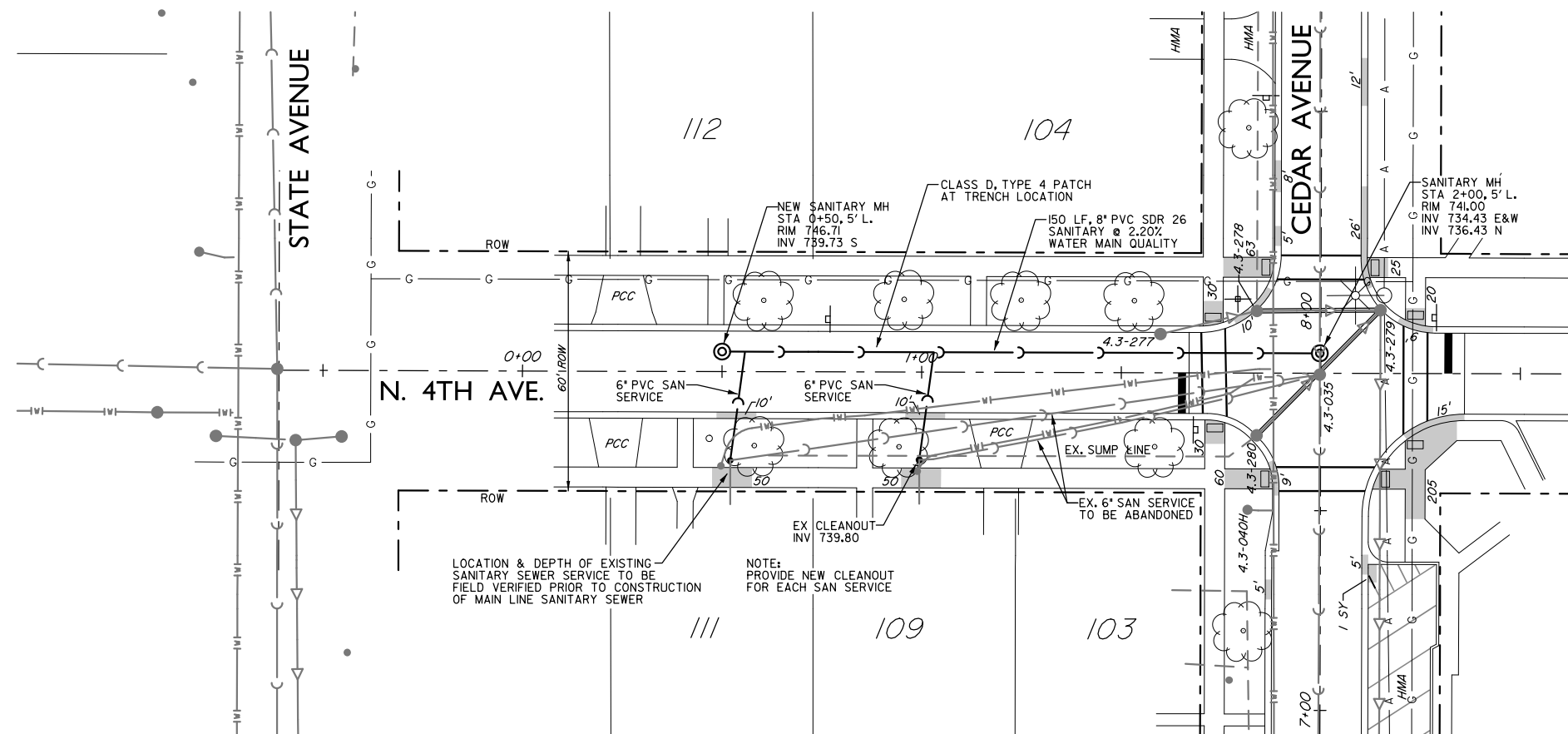
- ① PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
- ② HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
- ③ AREA REFLECTIVE CRACK CONTROL TREATMENT
- ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2"
- ⑤ PROPOSED HOT-MIX ASPHALT LEVELING BINDER, 3/4"
- ⑥ EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, TO REMAIN

- ⑦ PROPOSED 5" PCC SIDEWALK  
6" THROUGH DRIVEWAYS  
2% MAX. CROSS SLOPE
- ⑧ PARKWAY TO BE RESTORED WITH  
4" TOPSOIL AND SEED (TYP)

\*LOCATIONS AS SHOWN OF PLANS OR  
AS DETERMINED BY FIELD ENGINEER

FILE NAME	USER NAME =	DESIGNED - K.J. & B.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM TYPICAL STREET SECTIONS			F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - B.H.	REVISED -						19-00111-00-RS	KANE	30	8
	PLOT SCALE =	CHECKED -	REVISED -					CONTRACT NO.				
	PLOT DATE =	DATE - 2/28/2019	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO.	OF	SHEETS	STA.	TO STA.						



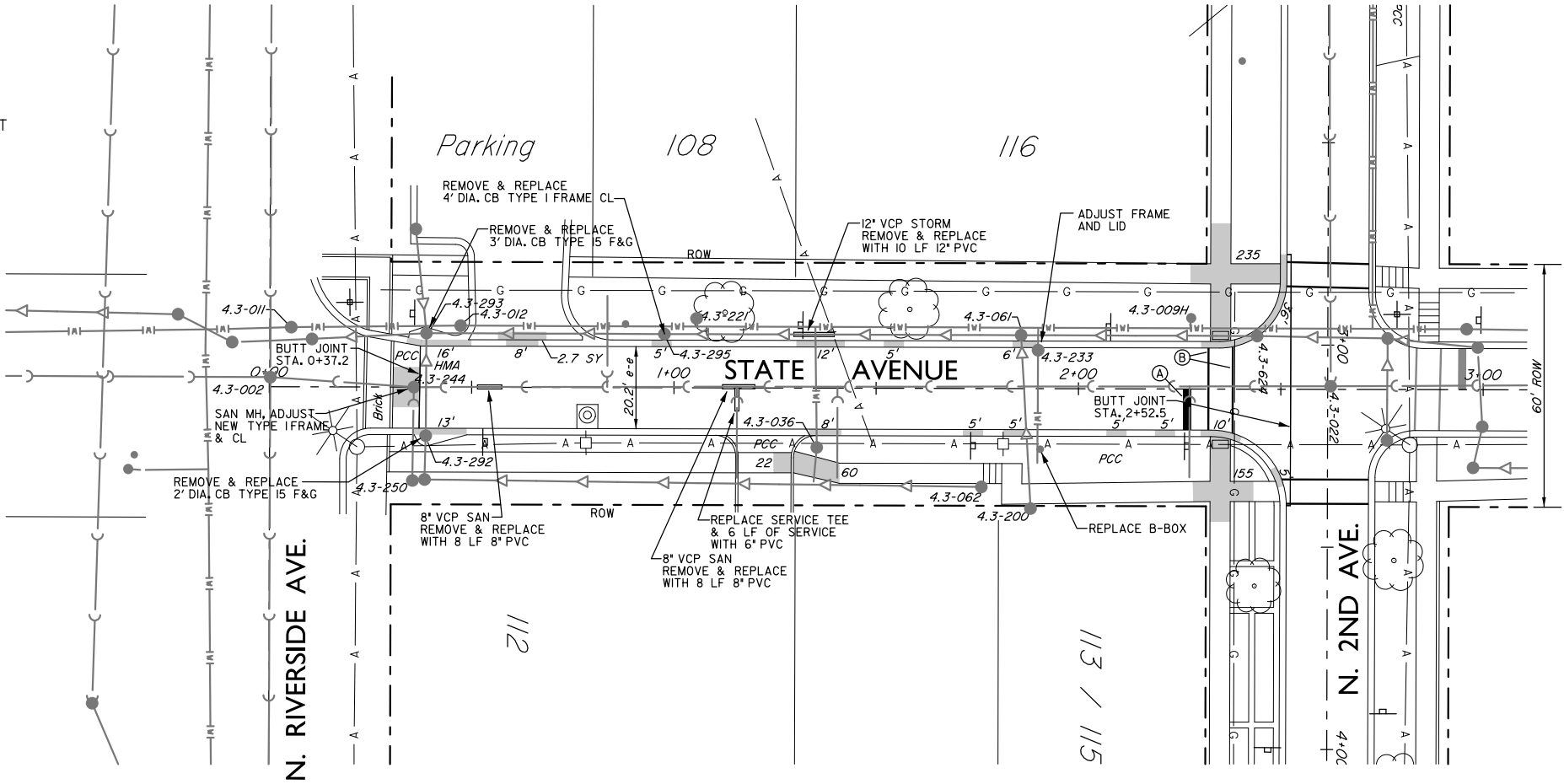


PROFILE SCALE:  
HORIZONTAL 1" = 20'  
VERTICAL 1" = 2'

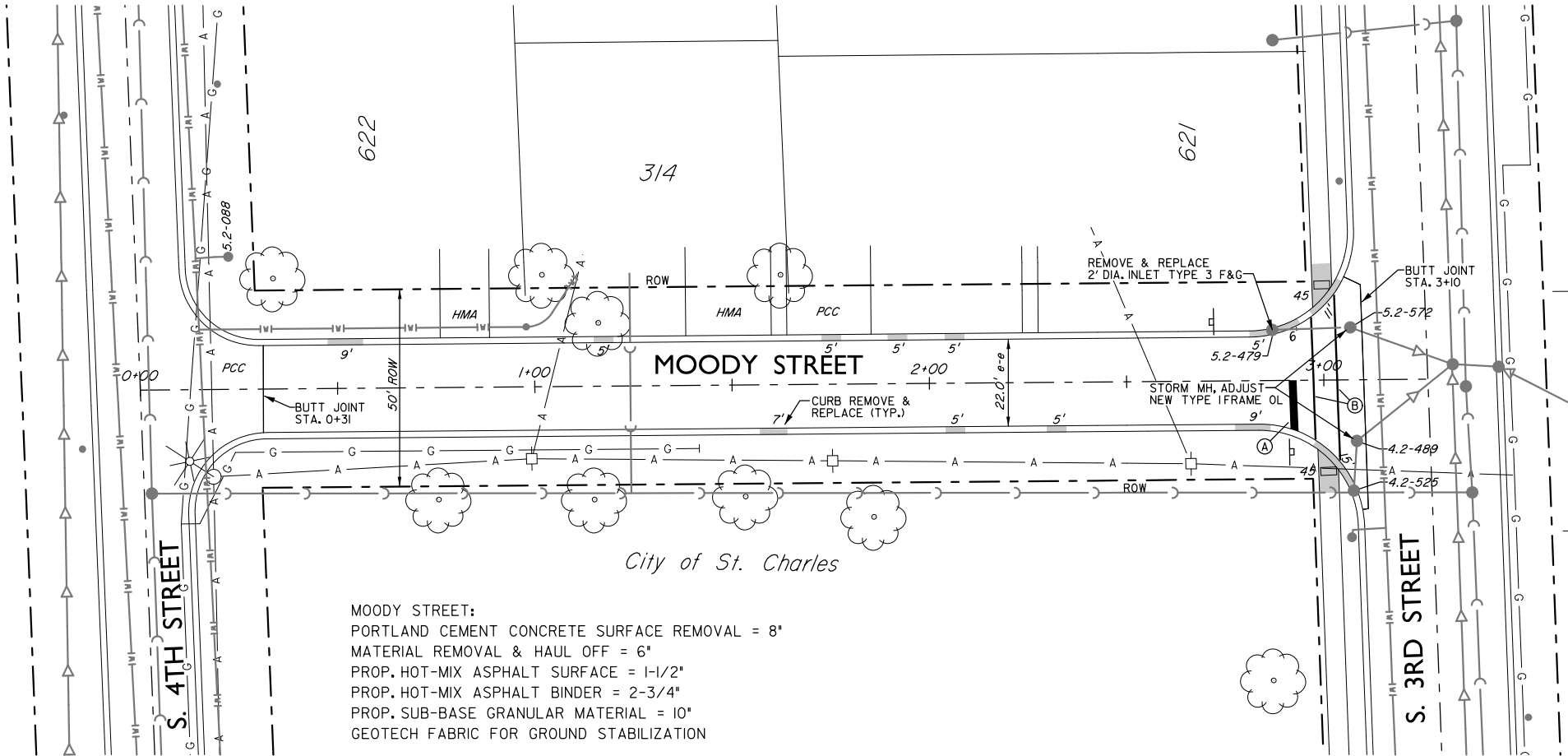
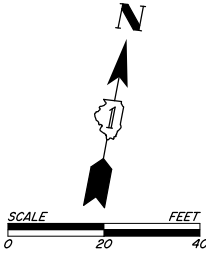
FILE NAME	USER NAME =	DESIGNED - KJ & BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM NORTH 4TH AVE. SANITARY SEWER	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BH	REVISED -							19-00III-00-RS	KANE	30	10
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	PLOT DATE =	DATE - 2/28/2019	REVISED -						FED. ROAD DIST. NO. I	ILLINOIS	FED. AID PROJECT		



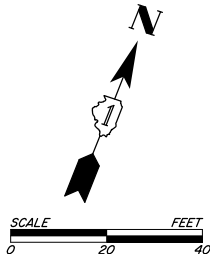
STATE AVENUE:  
HOT-MIX ASPHALT SURFACE REMOVAL = 3-1/2"  
PROP. HOT-MIX ASPHALT LEVELING BINDER = 1-1/4"  
PROP. AREA REFLECTIVE CRACK CONTROL TREATMENT  
PROP. HOT-MIX ASPHALT SURFACE COURSE = 2-1/2"



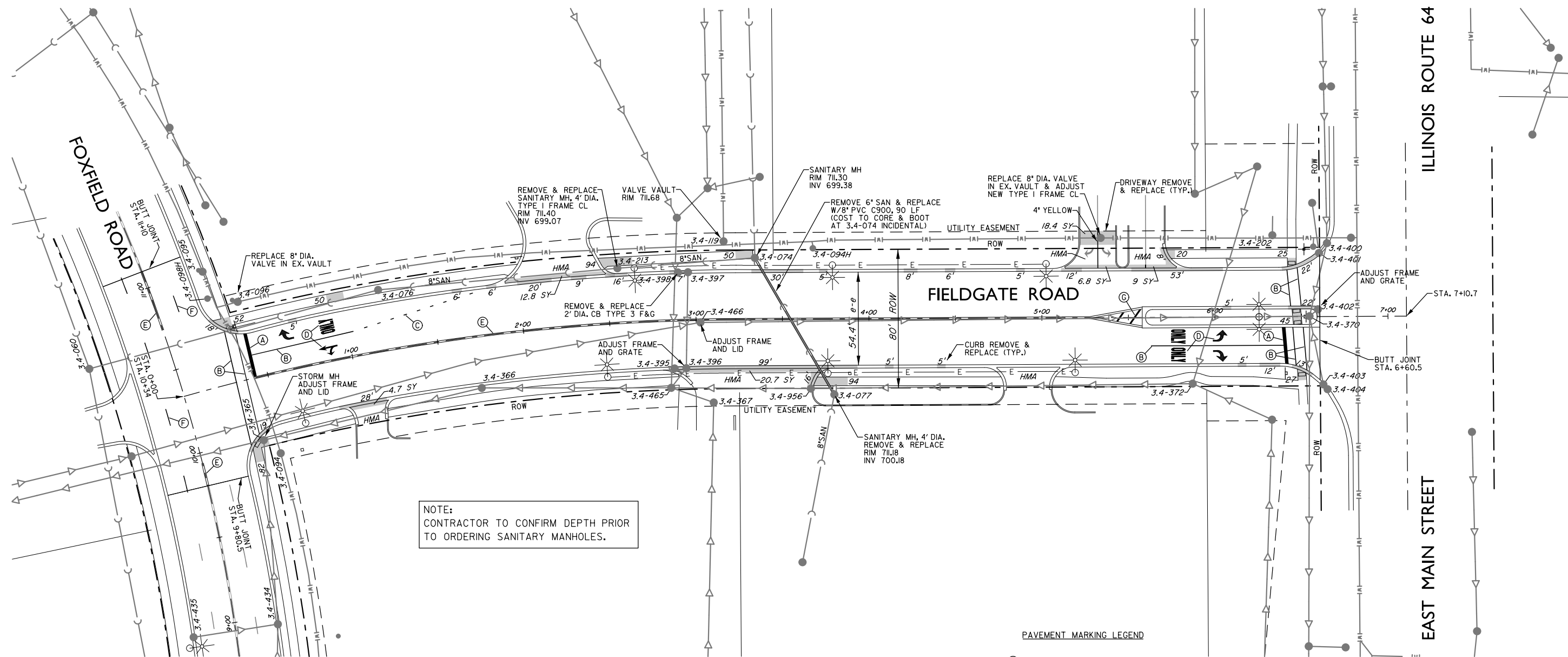
- Legend for State Avenue:
- SIDWALK - NEW
  - SIDWALK - REMOVE ONLY
  - SIDWALK - REMOVE & REPLACE



- PAVEMENT MARKING LEGEND
- (A) STOP BAR, 24" WHITE
  - (B) CROSSWALK, 6" WHITE
  - (C) PARKING, 6" WHITE
  - (D) 12" WHITE WITH 2' GAP
  - (E) MEDIAN LINES  
2-4" YELLOW @ 11" O.C.



FILE NAME	USER NAME =	DESIGNED - KJ & BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM STATE AVENUE & MOODY STREET			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BH	REVISED -						19-00III-00-RS	KANE	30	11
	PLOT SCALE =	CHECKED -	REVISED -		CONTRACT NO.							
	PLOT DATE =	DATE - 2/28/2019	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. I	ILLINOIS	FED. AID PROJECT		



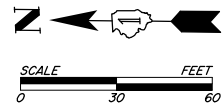
NOTE:  
CONTRACTOR TO CONFIRM DEPTH PRIOR  
TO ORDERING SANITARY MANHOLES.

FIELDGATE ROAD:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2-1/2"  
PROP. HOT-MIX ASPHALT LEVELING BINDER = 3/4"  
PROP. AREA REFLECTIVE CRACK CONTROL TREATMENT  
PROP. HOT-MIX ASPHALT SURFACE COURSE = 2"

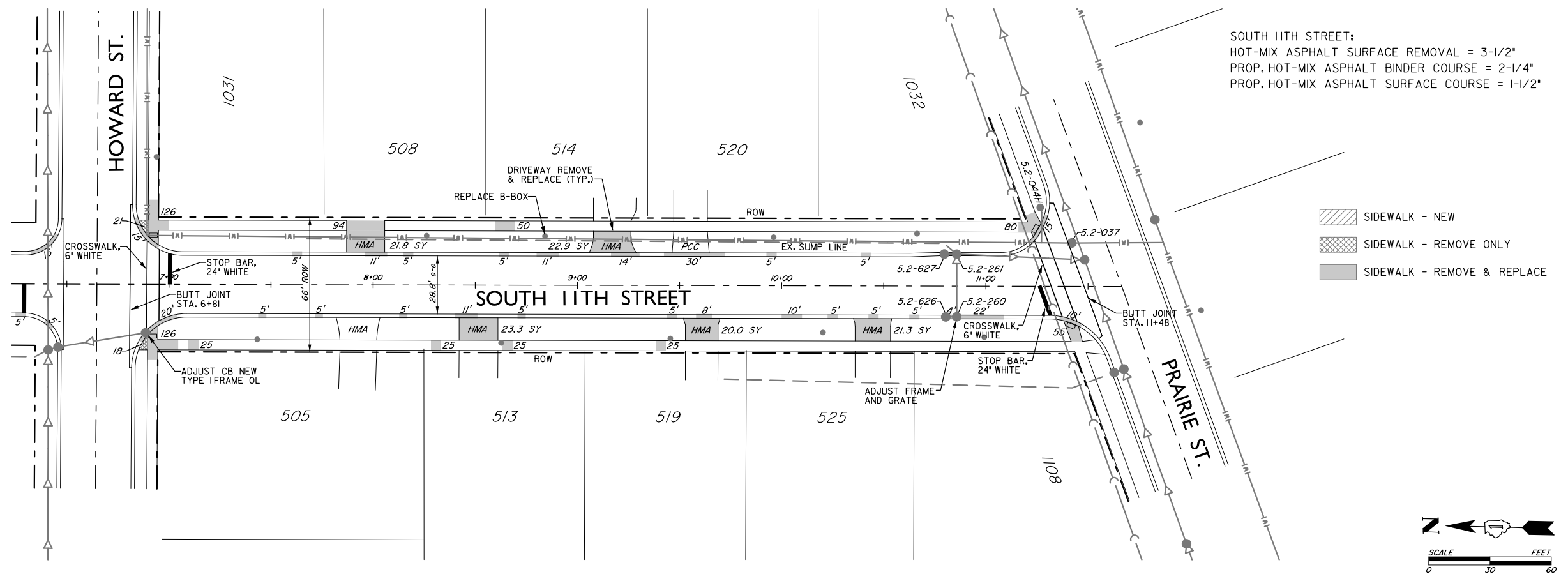
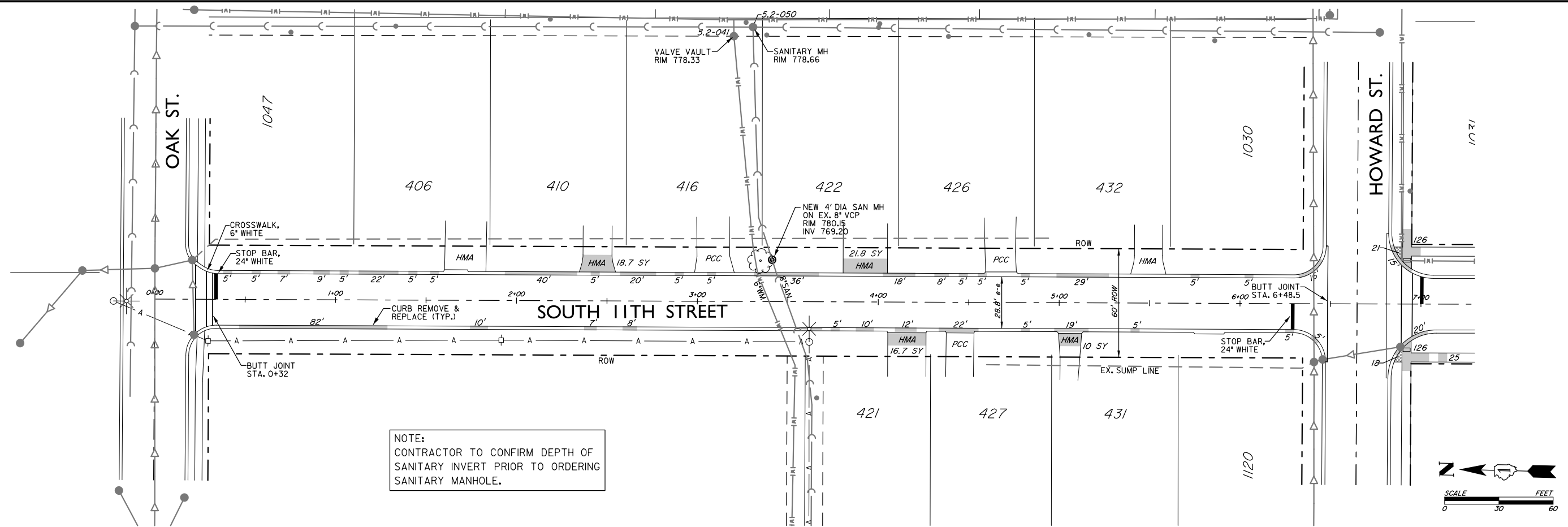
- SIDEWALK - NEW
- SIDEWALK - REMOVE ONLY
- SIDEWALK - REMOVE & REPLACE

PAVEMENT MARKING LEGEND

- (A) STOP BAR, 24" WHITE
- (B) TURN LANE OR CROSSWALK, 6" WHITE
- (C) 2' DASH, 6' SKIP, 6" WHITE
- (D) LETTERS & SYMBOLS FULL SIZE, WHITE
- (E) MEDIAN LINES 2-4" YELLOW @ 11" O.C.
- (F) 10' DASH, 30' SKIP, 4" WHITE
- (G) 45° DIAGONAL, 12" YELLOW

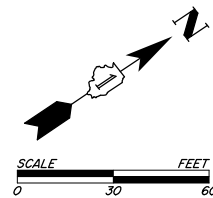


FILE NAME	USER NAME =	DESIGNED - KJ & BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM FIELDGATE ROAD			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - BH	REVISED -						19-00III-00-RS	KANE	30	12
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		DATE - 2/28/2019	REVISED -					FED. ROAD DIST. NO. I	ILLINOIS	FED. AID PROJECT		



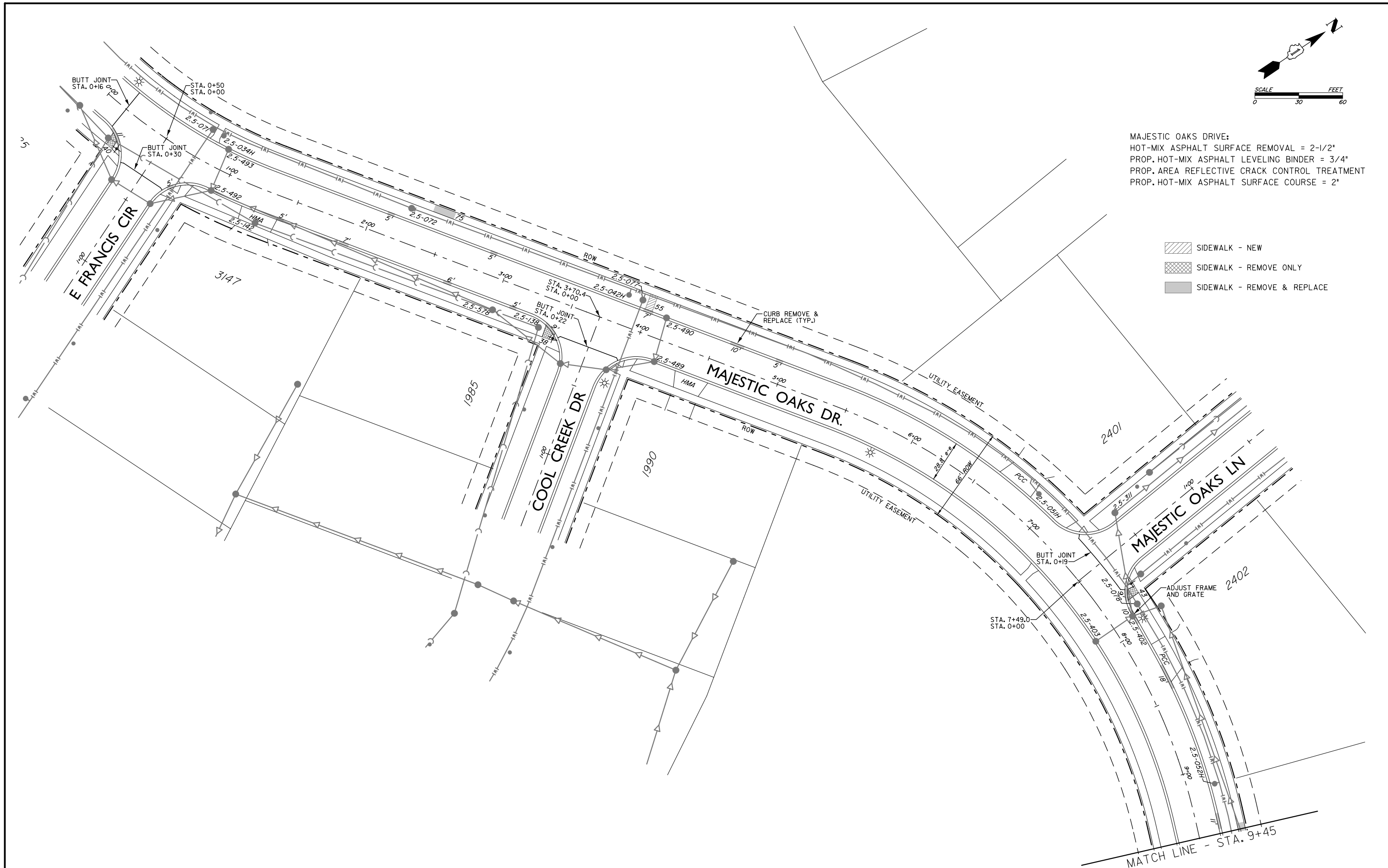
FILE NAME	USER NAME =	DESIGNED - KJ & BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM SOUTH 11TH STREET			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BH	CHECKED -	REVISED -						19-00III-00-RS	KANE	30	13
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	PLOT DATE =							FED. ROAD DIST. NO. I	ILLINOIS	FED. AID PROJECT		





MAJESTIC OAKS DRIVE:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2-1/2"  
PROP. HOT-MIX ASPHALT LEVELING BINDER = 3/4"  
PROP. AREA REFLECTIVE CRACK CONTROL TREATMENT  
PROP. HOT-MIX ASPHALT SURFACE COURSE = 2"

- SIDEWALK - NEW
- SIDEWALK - REMOVE ONLY
- SIDEWALK - REMOVE & REPLACE

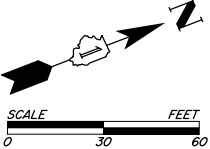
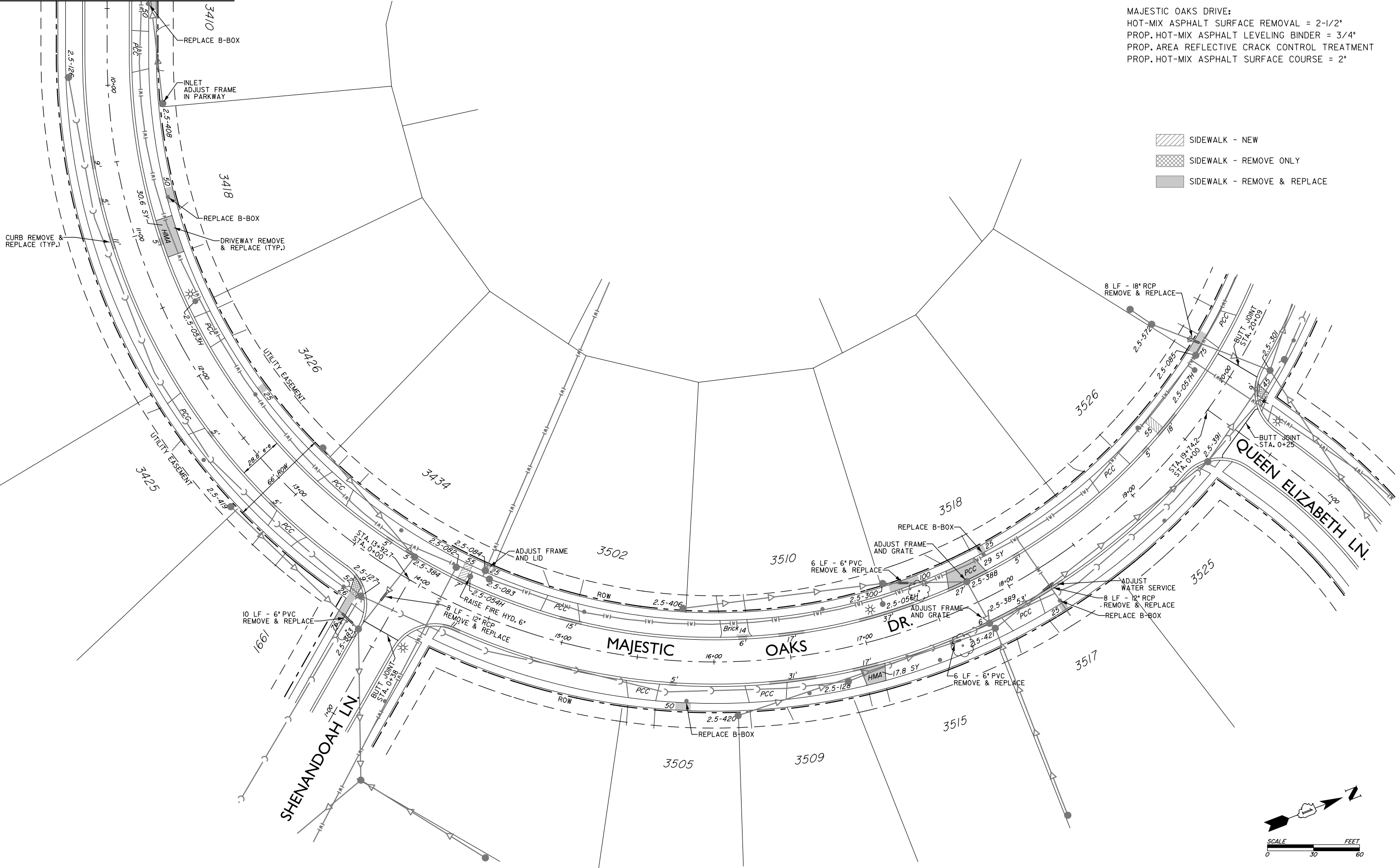


FILE NAME	USER NAME =	DESIGNED - KJ & BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM MAJESTIC OAKS DRIVE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BH	REVISED -						19-00III-00-RS	KANE	30	14
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	PLOT DATE =	DATE - 2/28/2019	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA. TO STA.	FED. ROAD DIST. NO. I	ILLINOIS	FED. AID PROJECT	

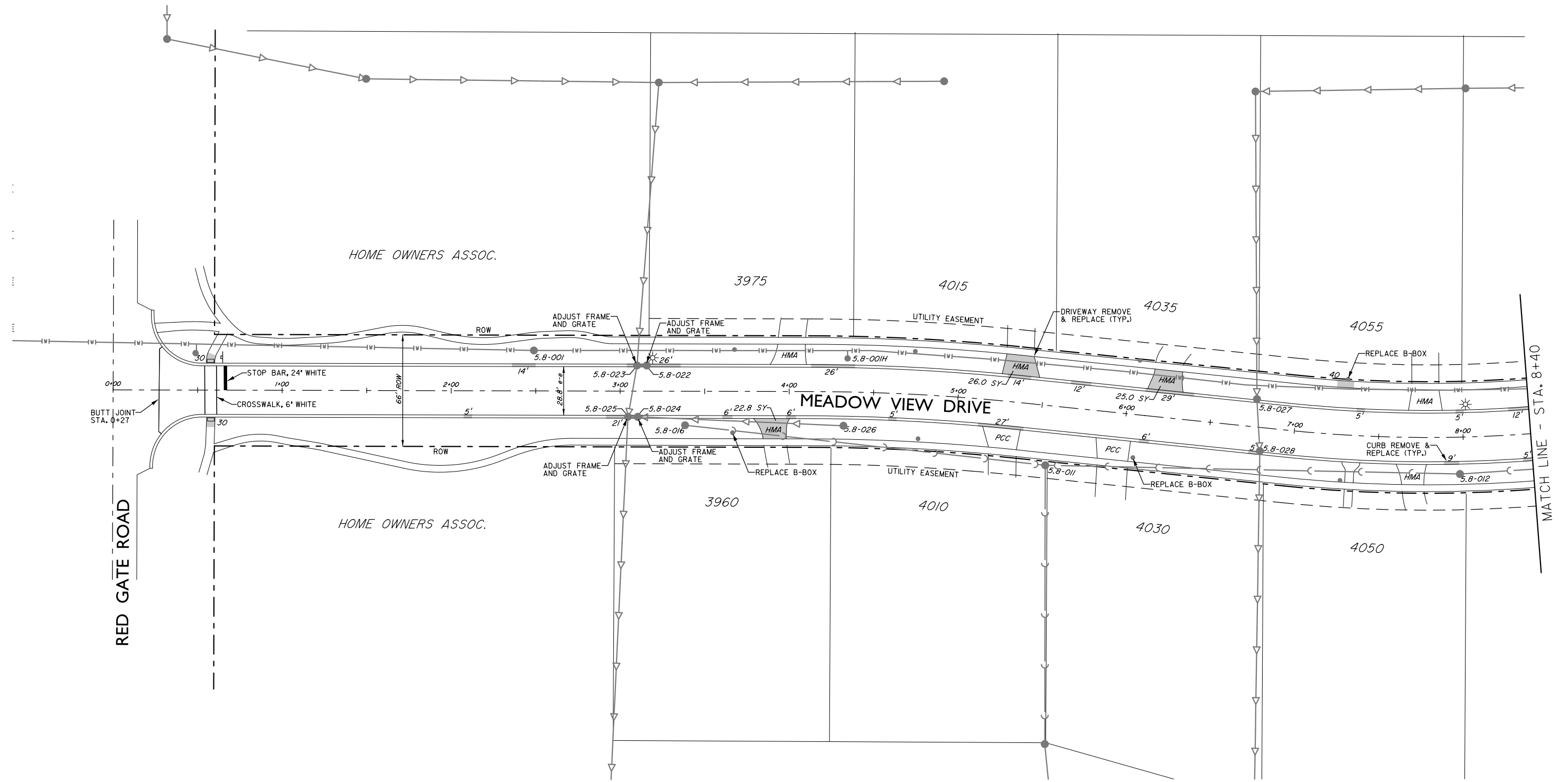
MATCH LINE - STA. 9+45

MAJESTIC OAKS DRIVE:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2-1/2"  
PROP. HOT-MIX ASPHALT LEVELING BINDER = 3/4"  
PROP. AREA REFLECTIVE CRACK CONTROL TREATMENT  
PROP. HOT-MIX ASPHALT SURFACE COURSE = 2"

- SIDEWALK - NEW
- SIDEWALK - REMOVE ONLY
- SIDEWALK - REMOVE & REPLACE

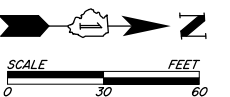


FILE NAME	USER NAME =	DESIGNED - KJ & BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM MAJESTIC OAKS DRIVE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BH	REVISED -						19-00III-00-RS	KANE	30	15
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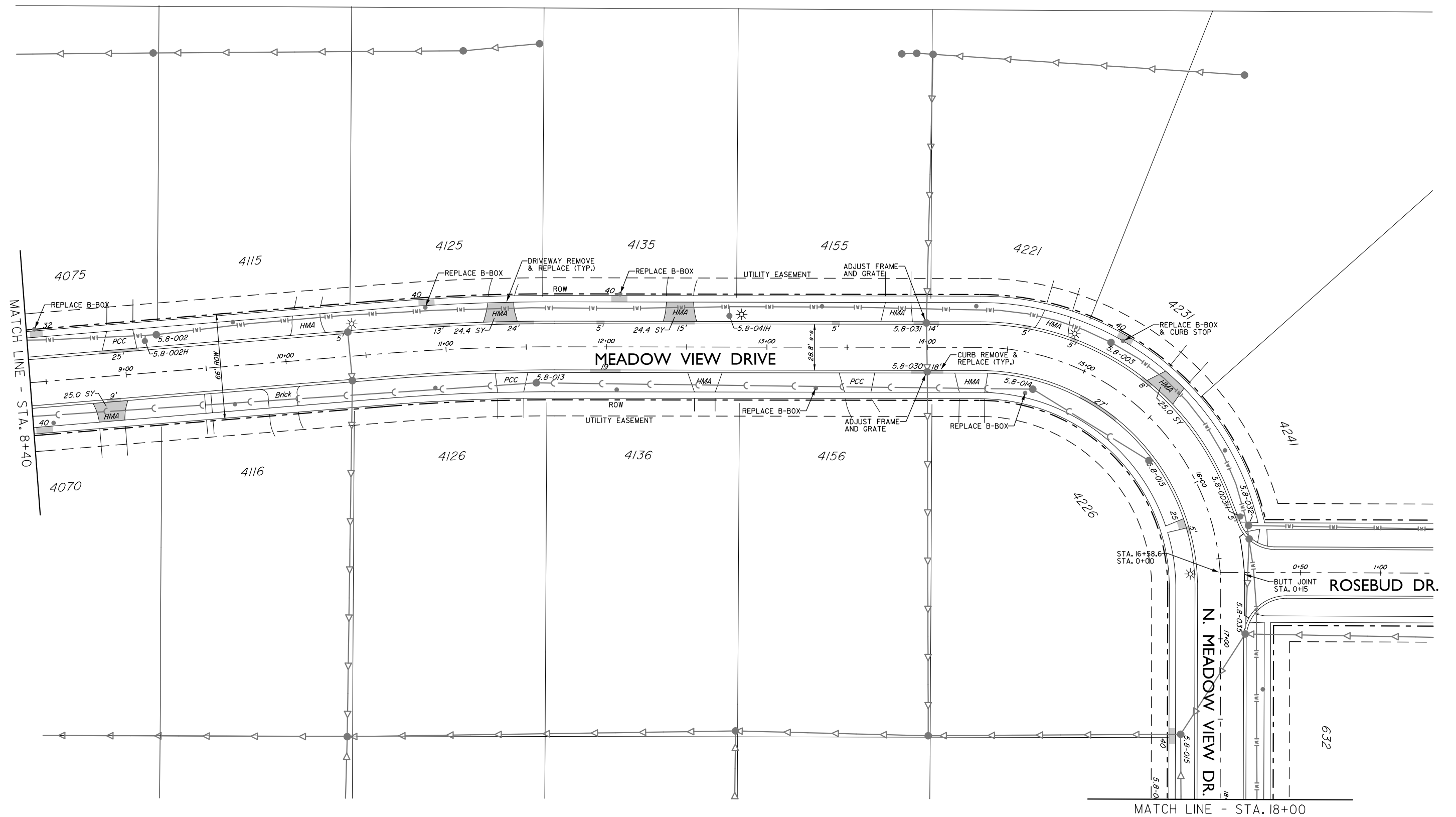
- SIDEWALK - NEW
- SIDEWALK - REMOVE ONLY
- SIDEWALK - REMOVE & REPLACE

MEADOW VIEW DRIVE:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2-1/2"  
PROP. HOT-MIX ASPHALT LEVELING BINDER = 3/4"  
PROP. AREA REFLECTIVE CRACK CONTROL TREATMENT  
PROP. HOT-MIX ASPHALT SURFACE COURSE = 2"



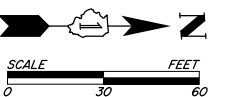
FILE NAME	USER NAME =	DESIGNED - KJ & BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM MEADOW VIEW DRIVE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - BH	REVISED -						19-00III-00-RS	KANE	30	16
	PLOT DATE =	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO.				
		DATE - 2/28/2019	REVISED -					FED. ROAD DIST. NO. I	ILLINOIS	FED. AID PROJECT		



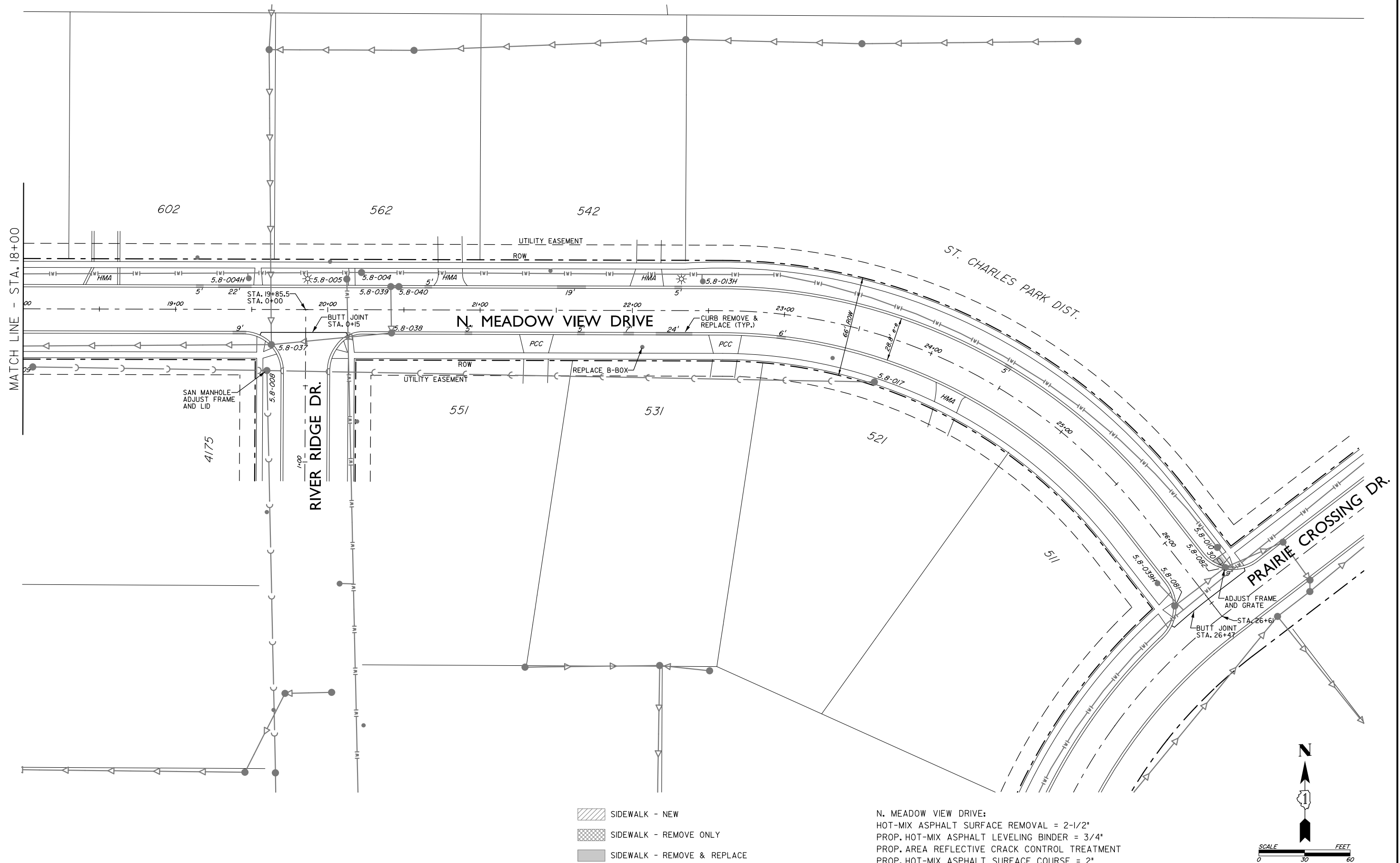


- SIDEWALK - NEW
- SIDEWALK - REMOVE ONLY
- SIDEWALK - REMOVE & REPLACE

MEADOW VIEW & N. MEADOW VIEW DRIVE:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2-1/2"  
PROP. HOT-MIX ASPHALT LEVELING BINDER = 3/4"  
PROP. AREA REFLECTIVE CRACK CONTROL TREATMENT  
PROP. HOT-MIX ASPHALT SURFACE COURSE = 2"



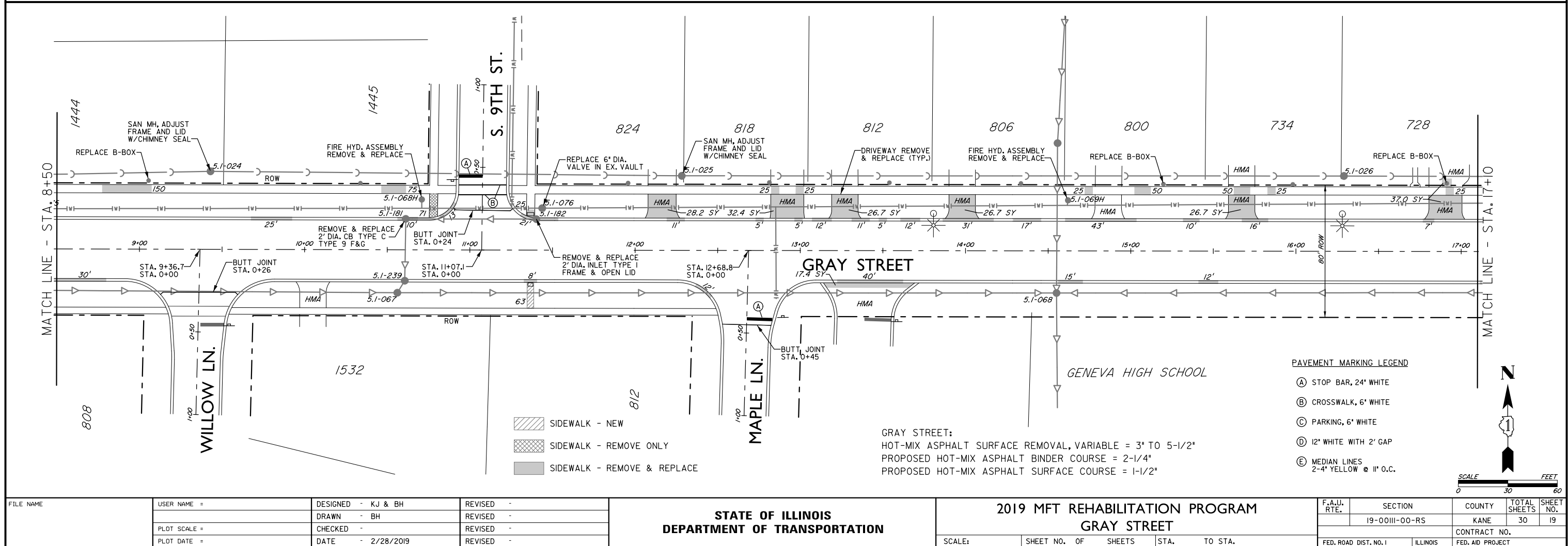
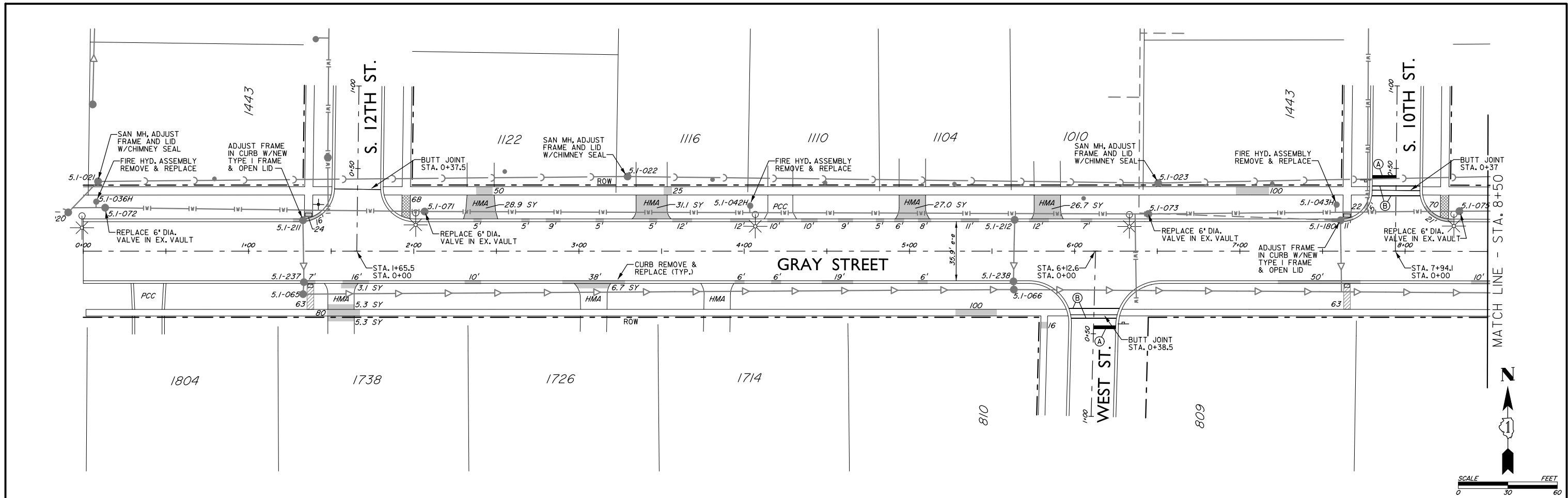
FILE NAME	USER NAME =	DESIGNED - KJ & BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM MEADOW VIEW & N. MEADOW VIEW DRIVE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BH	REVISED -						19-00III-00-RS	KANE	30	17
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	PLOT DATE =	DATE - 2/28/2019	REVISED -					FED. ROAD DIST. NO. I	ILLINOIS	FED. AID PROJECT		

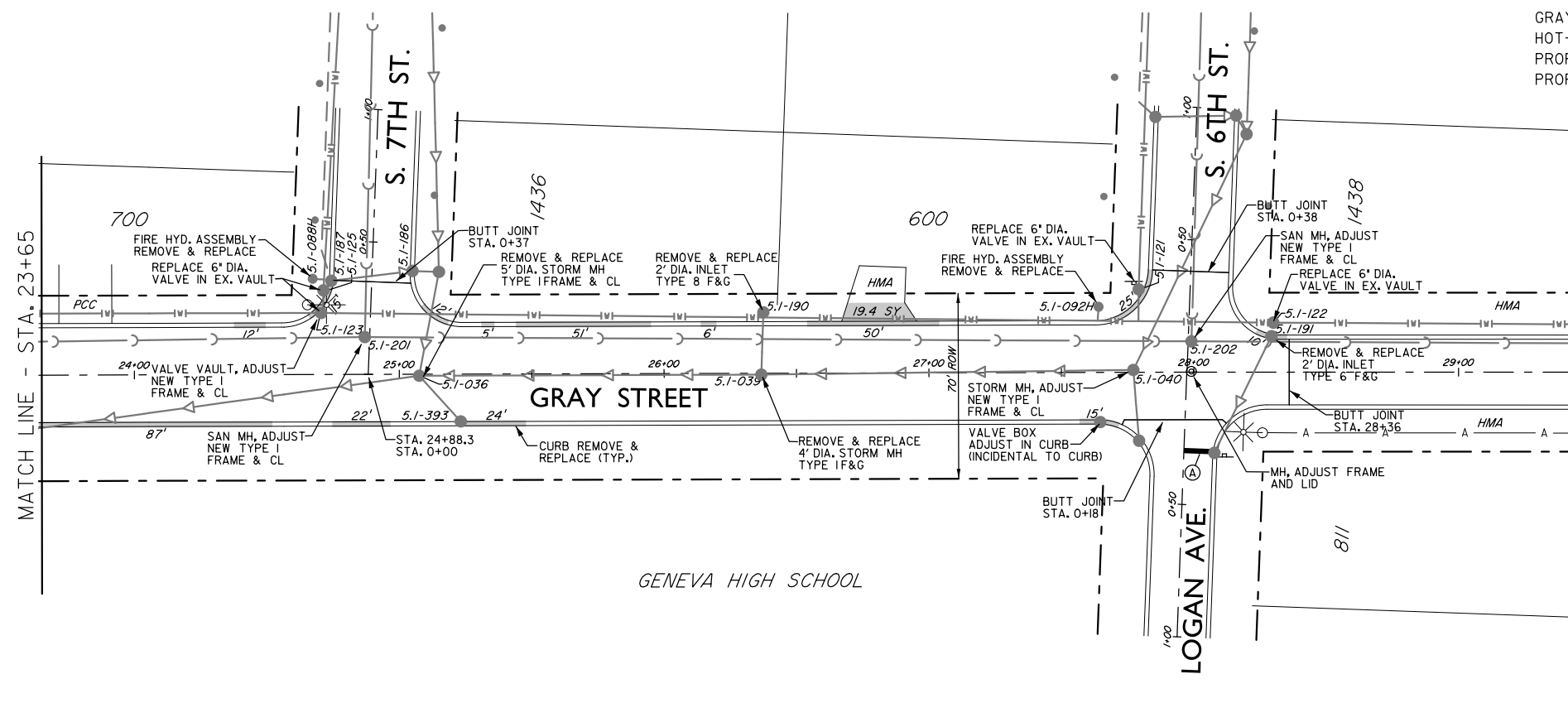
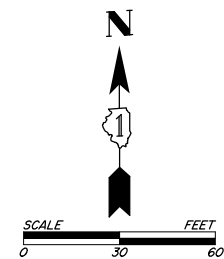
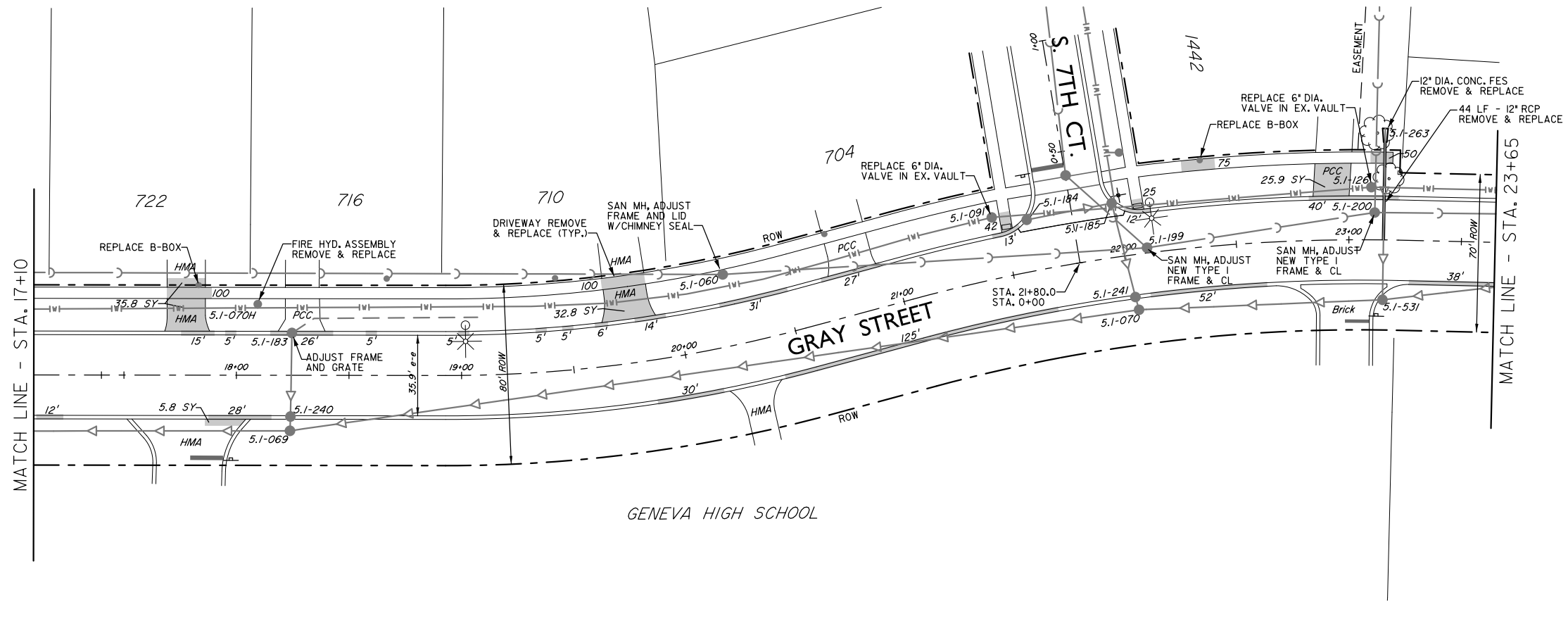


- SIDEWALK - NEW
- SIDEWALK - REMOVE ONLY
- SIDEWALK - REMOVE & REPLACE

N. MEADOW VIEW DRIVE:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2-1/2"  
PROP. HOT-MIX ASPHALT LEVELING BINDER = 3/4"  
PROP. AREA REFLECTIVE CRACK CONTROL TREATMENT  
PROP. HOT-MIX ASPHALT SURFACE COURSE = 2"

FILE NAME	USER NAME =	DESIGNED - KJ & BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM N. MEADOW VIEW DRIVE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BH	CHECKED -	REVISED -						19-00III-00-RS	KANE	30	18
	PLOT SCALE =	DATE - 2/28/2019	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO.				
	PLOT DATE =							FED. ROAD DIST. NO. I	ILLINOIS	FED. AID PROJECT		



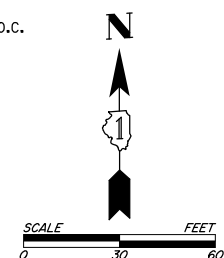


GRAY STREET:  
HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE = 3" TO 5-1/2"  
PROPOSED HOT-MIX ASPHALT BINDER COURSE = 2-1/4"  
PROPOSED HOT-MIX ASPHALT SURFACE COURSE = 1-1/2"

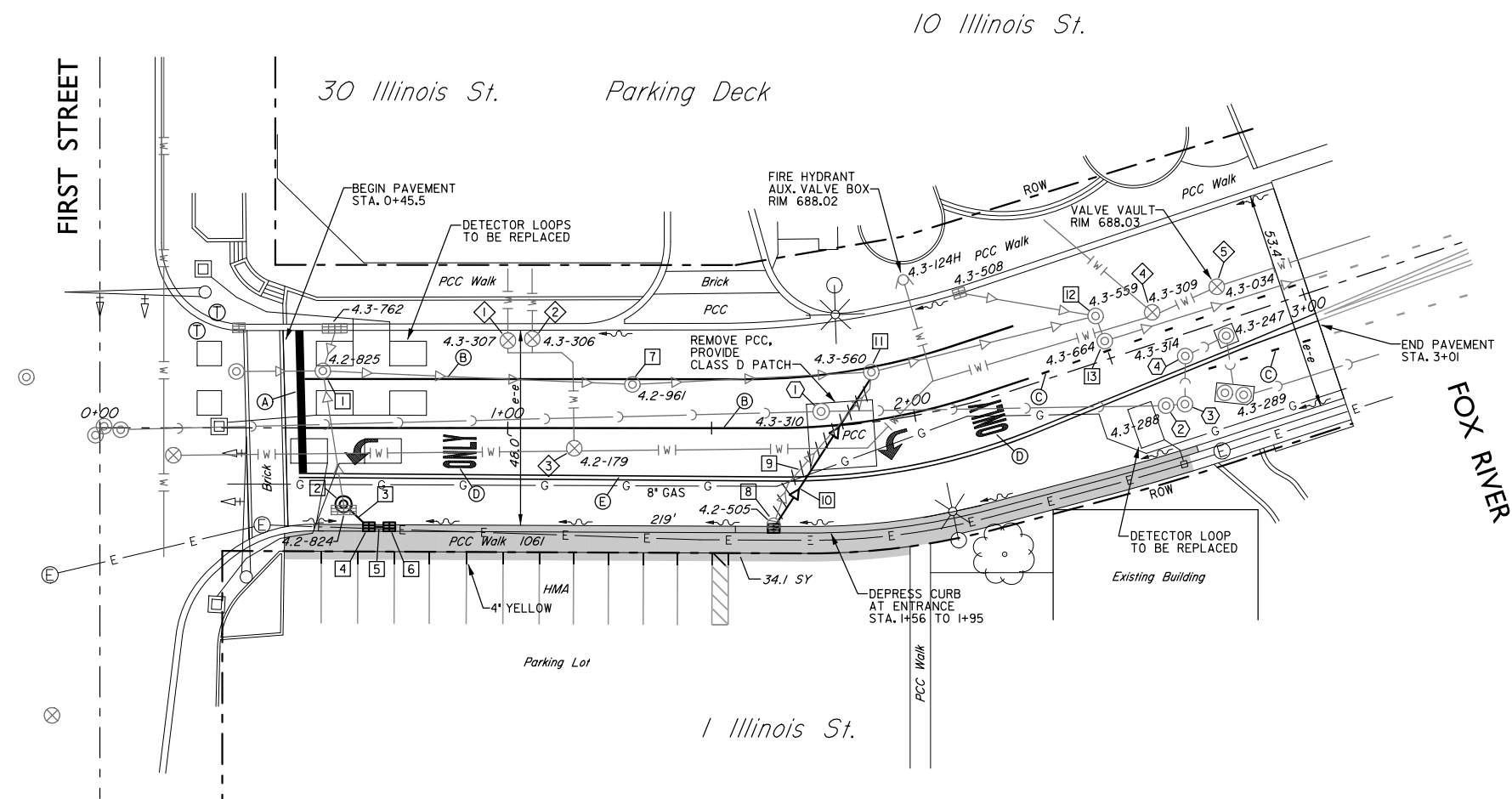
- SIDEWALK - NEW
- SIDEWALK - REMOVE ONLY
- SIDEWALK - REMOVE & REPLACE

PAVEMENT MARKING LEGEND

- (A) STOP BAR, 24" WHITE
- (B) CROSSWALK, 6" WHITE
- (C) PARKING, 6" WHITE
- (D) 12" WHITE WITH 2' GAP
- (E) MEDIAN LINES  
2-4" YELLOW @ 11" O.C.



FILE NAME	USER NAME =	DESIGNED - KJ & BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM GRAY STREET				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BH	REVISED -							19-00III-00-RS	KANE	30	20
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	PLOT DATE =	DATE - 2/28/2019	REVISED -						FED. ROAD DIST. NO. I ILLINOIS FED. AID PROJECT				

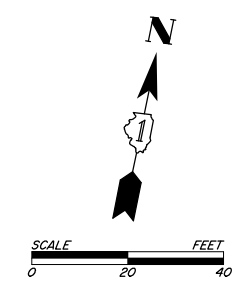


ILLINOIS STREET:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2-1/2"  
PROP. HOT-MIX ASPHALT LEVELING BINDER = 3/4"  
PROP. AREA REFLECTIVE CRACK CONTROL TREATMENT  
PROP. HOT-MIX ASPHALT SURFACE COURSE = 2"

PAVEMENT MARKING LEGEND

- (A) STOP BAR, 24" WHITE
- (B) TURN LANE, 6" WHITE
- (C) 2' DASH, 6" SKIP, 6" WHITE
- (D) LETTERS & SYMBOLS  
FULL SIZE, WHITE
- (E) MEDIAN LINES  
2-4" YELLOW @ 11" O.C.

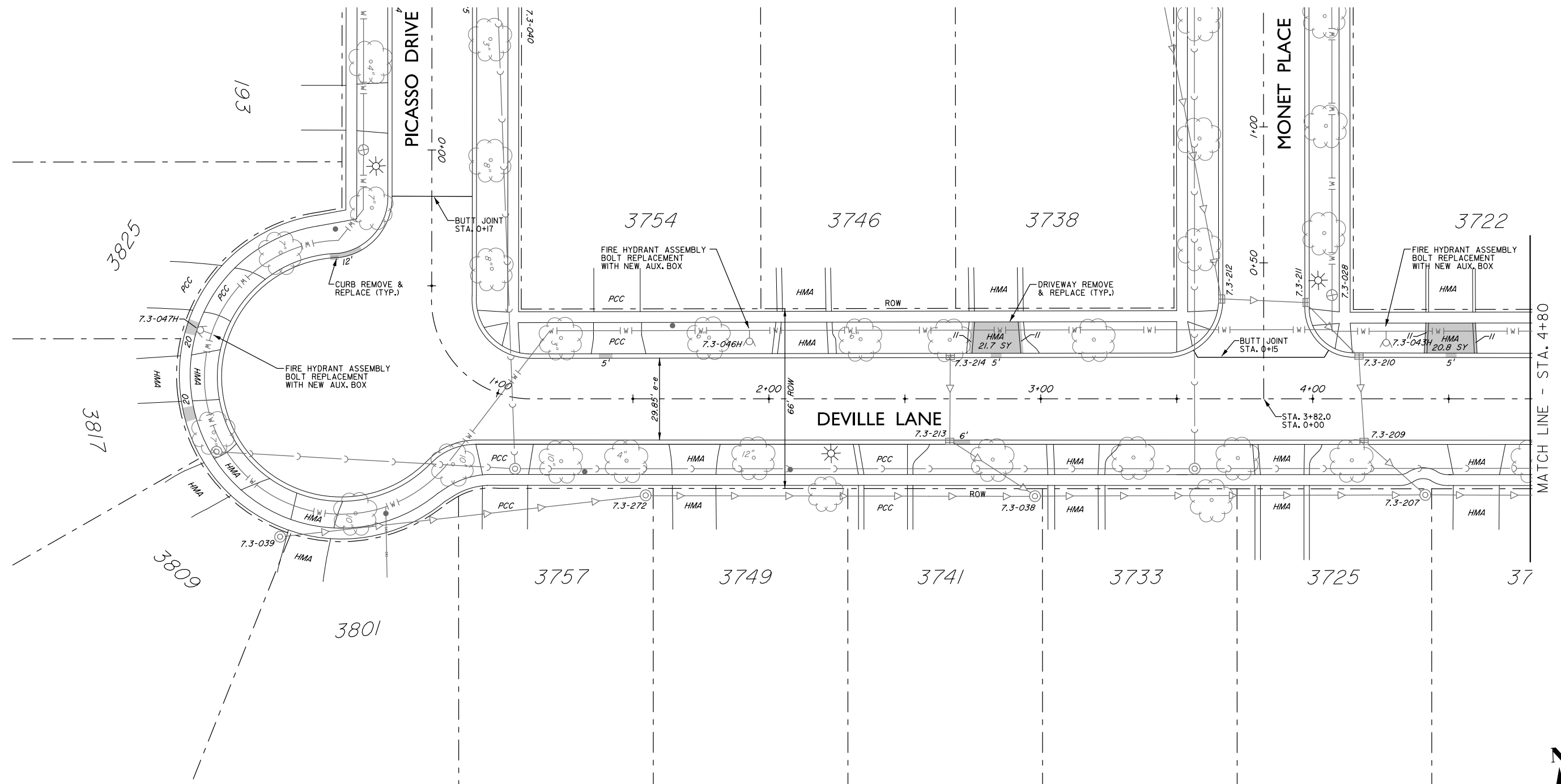
- SIDEWALK - NEW
- SIDEWALK - REMOVE ONLY
- SIDEWALK - REMOVE & REPLACE



- WATER MAIN**
- ① VALVE VAULT, ADJUST FRAME AND LID
  - ② VALVE VAULT, ADJUST FRAME AND LID
  - ③ VALVE VAULT, ADJUST FRAME AND LID
  - ④ VALVE VAULT, ADJUST FRAME AND LID
  - ⑤ VALVE VAULT, ADJUST NEW TYPE I FRAME & CL
- SANITARY SEWER**
- ① SAN MH, ADJUST NEW TYPE I FRAME & CL
  - ② SAN MH, ADJUST FRAME AND LID
  - ③ SAN MH, ADJUST FRAME AND LID
  - ④ SAN MH, ADJUST FRAME AND LID
- STORM SEWER**
- ① SAN MH, ADJUST FRAME AND LID
  - ② EX 22" X 75" VAULT REMOVE & REPLACE WITH 4' DIA. MANHOLE TYPE I FRAME W/CLOSED LID RIM 686.60 INV 683.58 18' INV 683.80 10'
  - ③ NEW 6 LF-10" PVC SDR 21 @ 10.0%
  - ④ NEW 2' DIA. INLET W/TYPE 3 F&G FLAG 686.55 INV 684.40 10'
  - ⑤ NEW 4 LF-10" PVC SDR 21 @ 1.25%
  - ⑥ NEW 2' DIA. INLET W/TYPE 3 F&G FLAG 686.55 INV 684.45 10'
  - ⑦ SAN MH, ADJUST FRAME AND LID
  - ⑧ 2' DIA. INLET REMOVE & REPLACE WITH 2' DIA. INLET, DEP. FRAME & GRATE FLAG 687.21 INV 685.10 10'
  - ⑨ STORM PIPE REMOVAL 45 LF - 8" DIA.
  - ⑩ NEW 45 LF-10" PVC SDR 21 @ 2.0% MIN.
  - ⑪ SAN MH, ADJUST FRAME AND LID
  - ⑫ SAN MH, ADJUST FRAME AND LID
  - ⑬ SAN MH, ADJUST FRAME AND LID

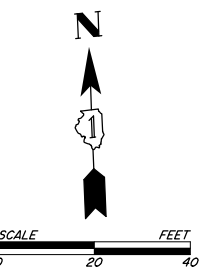
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	PLOT DATE =		DATE - 2/28/2019	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA. TO STA.	FED. ROAD DIST. NO. I	ILLINOIS	FED. AID PROJECT	



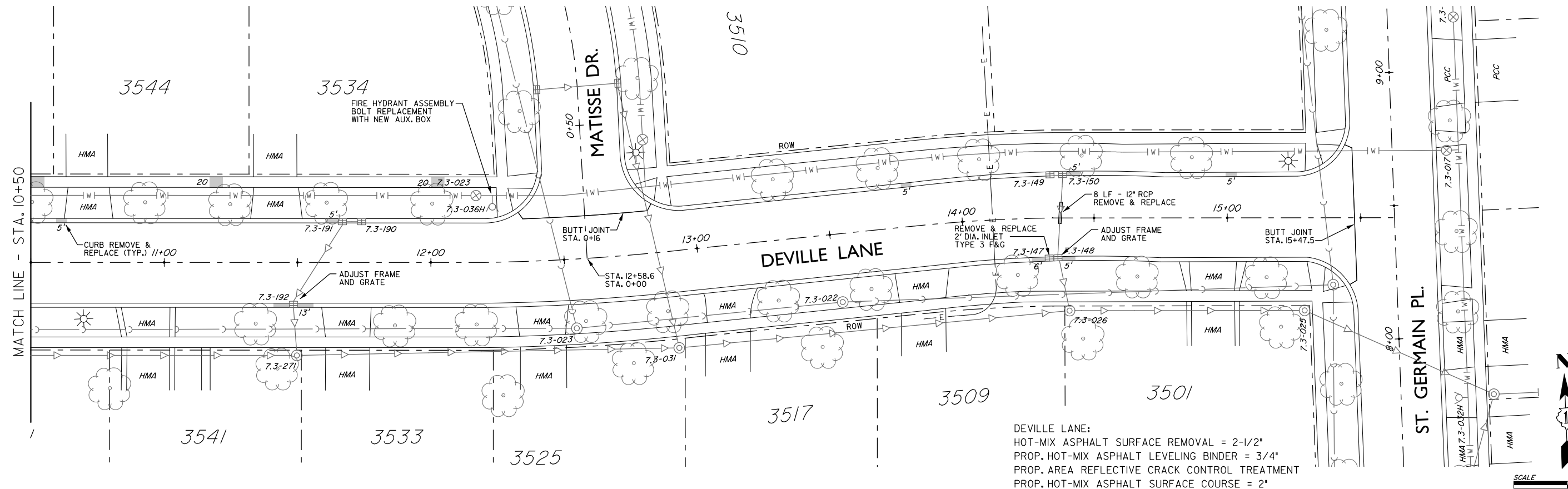
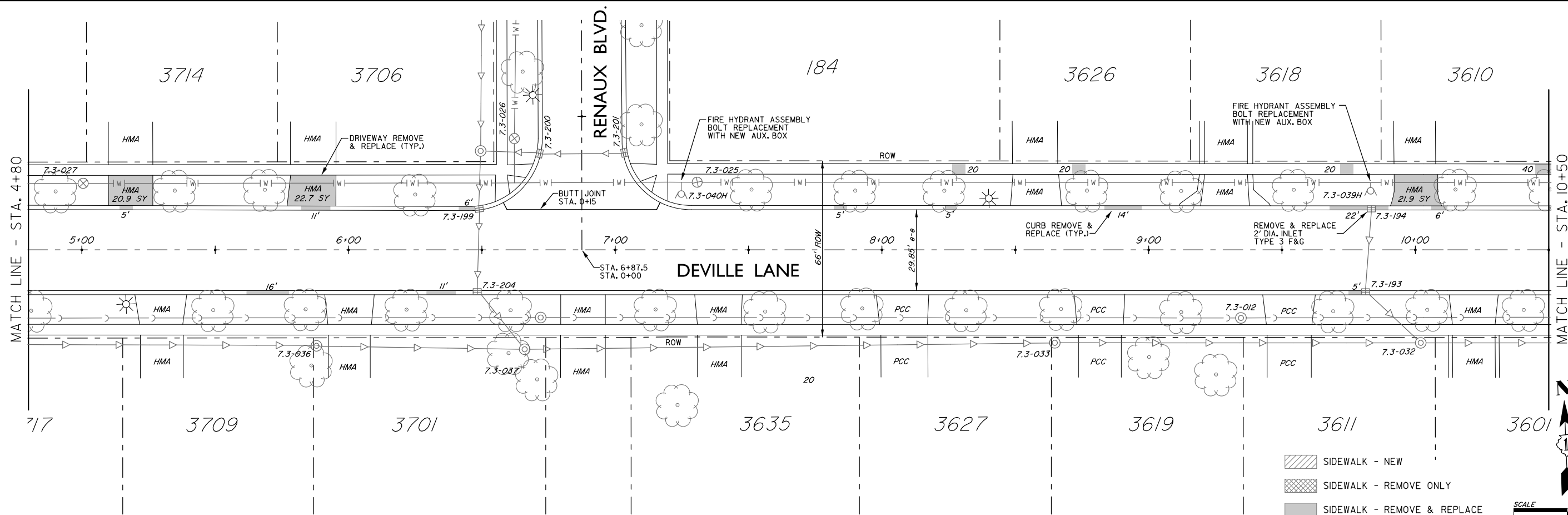


DEVILLE LANE:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2-1/2"  
PROP. HOT-MIX ASPHALT LEVELING BINDER = 3/4"  
PROP. AREA REFLECTIVE CRACK CONTROL TREATMENT  
PROP. HOT-MIX ASPHALT SURFACE COURSE = 2"

- SIDEWALK - NEW
- SIDEWALK - REMOVE ONLY
- SIDEWALK - REMOVE & REPLACE

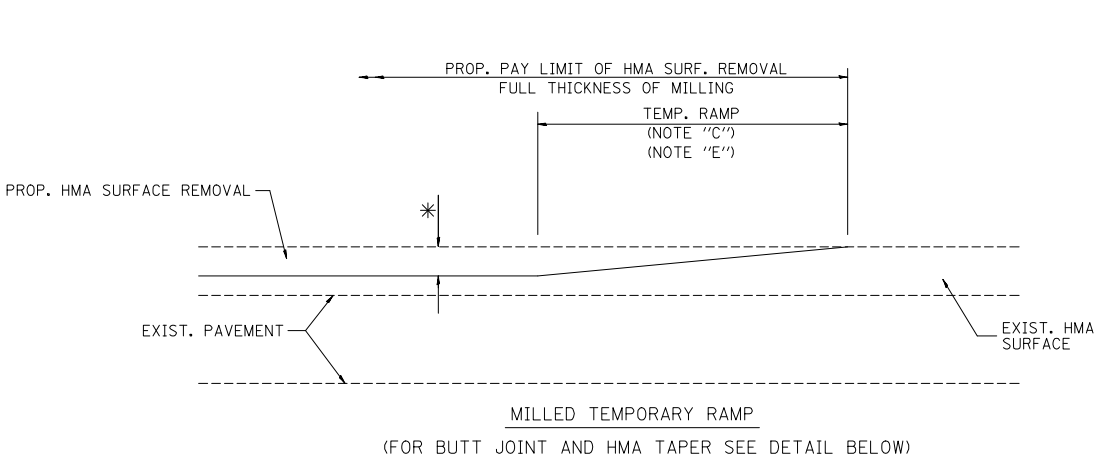


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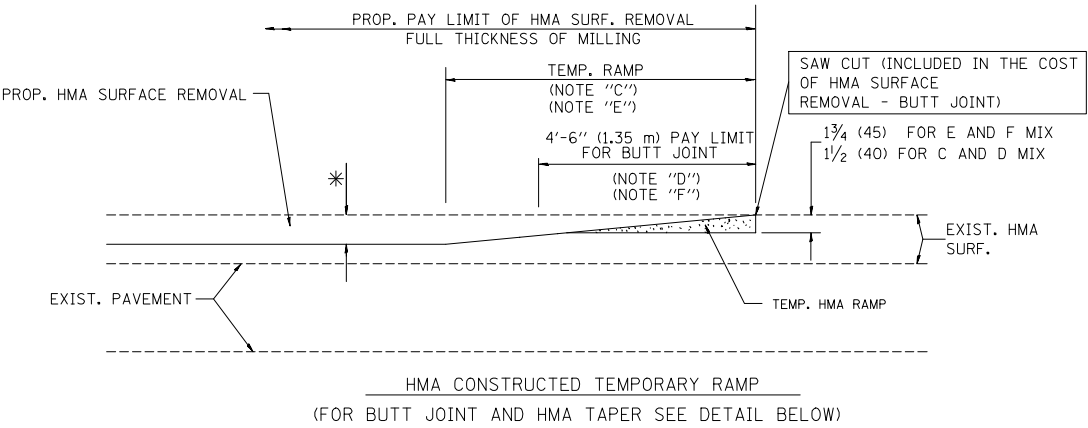


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CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

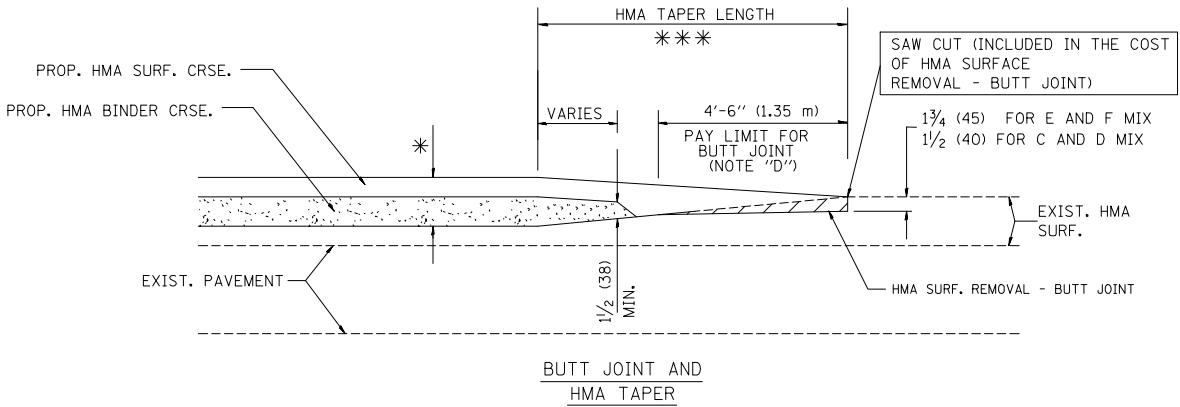


OPTION 1

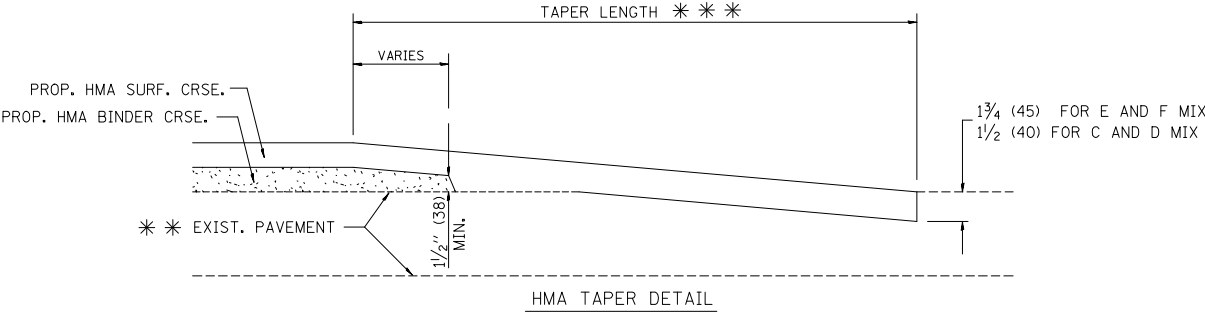
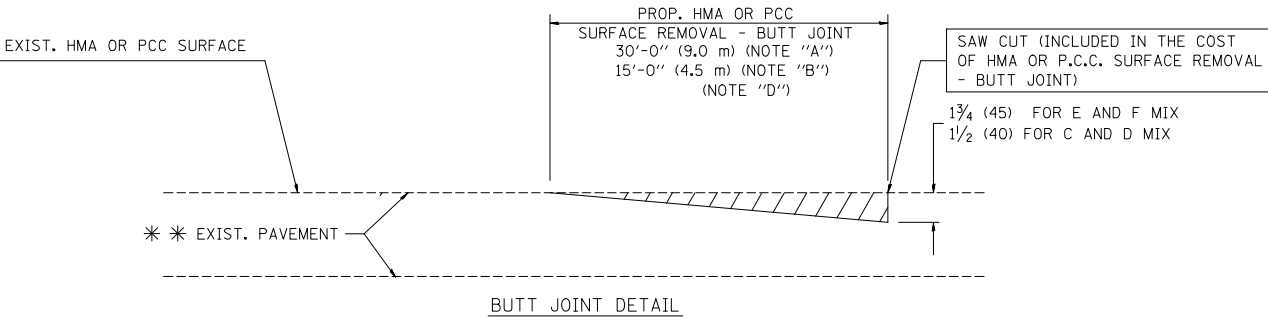


OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER  
FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND HMA TAPER  
FOR RESURFACING ONLY

\*\*\* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

**BASIS OF PAYMENT:**

THE PRICE OF THE BUTT JOINT WILL BE INCLUDED IN THE COST OF THE ASSOCIATED PAVEMENT REMOVAL ITEM.

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

**BUTT JOINT AND  
HMA TAPER  
DETAILS**

SCALE: VERT. NONE  
HORIZ.

DRAWN BY  
CHECKED BY  
BD400-05 (VI=BD32)

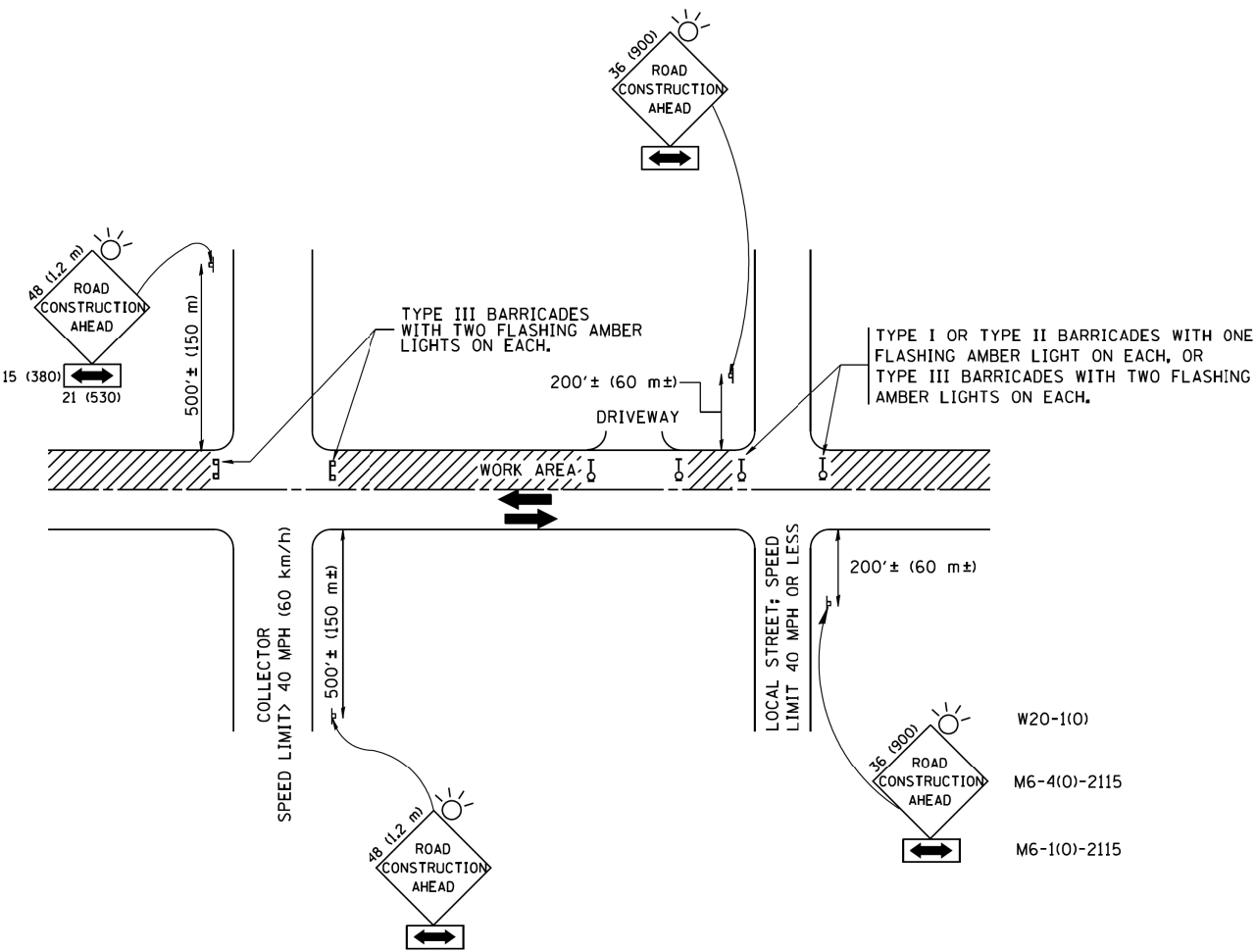
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		DRAWN -	REVISED -
	PLOT SCALE =	CHECKED -	REVISED -
	PLOT DATE =	DATE - 2/28/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**2019 MFT REHABILITATION PROGRAM**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00111-00-RS	KANE	30	24
CONTRACT NO.				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\diststd\22x34\tc10.dgn	USER NAME = geglano	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	19-00111-00-RS	KANE	30	25
TC-10		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

## 2-LANE ROADWAY

## MULTI-LANE UNDIVIDED

**MULTI-LANE DIVIDED**  
WITH MEDIAN

## TYPICAL LANE AND EDGE LINE MARKING

**DETAIL "A"**

### DETAIL "B"

## TYPICAL CROSSWALK MARKING

\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

**4' (1.2 m) WIDE MEDIANS ONLY**

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

**MEDIANS OVER 4' (1.2 m) WIDE**

A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

### MEDIAN WITH TWO-WAY LEFT TURN LANE

## TYPICAL PAINTED MEDIAN MARKING

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
 ↻ AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

**TYPICAL LEFT (OR RIGHT) TURN LANE**

## TYPICAL TURN LANE MARKING

ISLAND OFFSET FROM PAVEMENT EDGE

ISLAND AT PAVEMENT EDGE

## TYPICAL ISLAND MARKING

## COMBINATION LEFT AND U-TURN

## U-TURN

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

## LANE REDUCTION TRANSITION

\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION  8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW  WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS; 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8' )	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO  
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE  
CONSTRUCTION AND STATE STANDARD 780001.

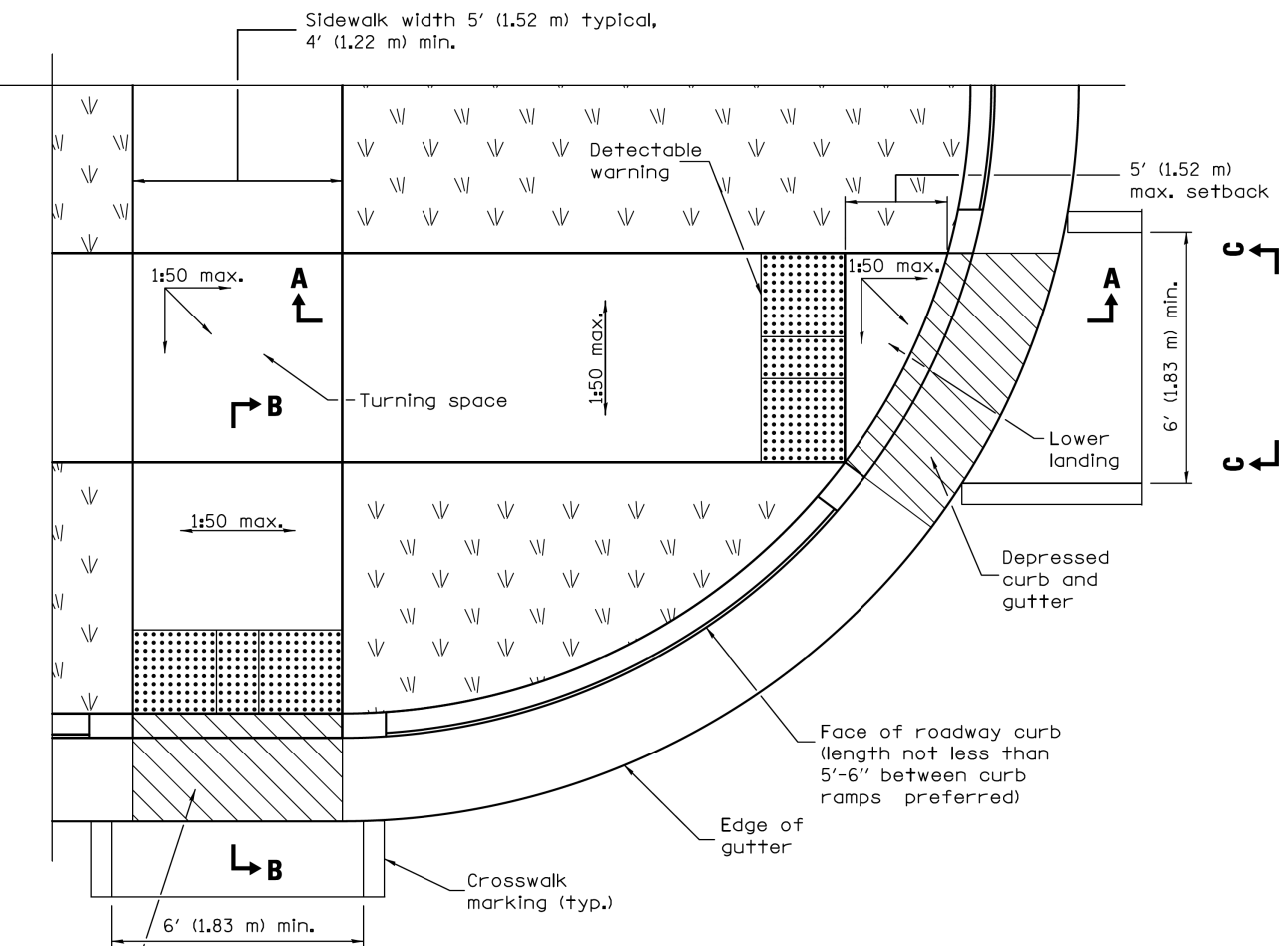
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
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Default	PLOT DATE = 4/13/2016	DATE = 03-19-90	REVISED - C. JUCIUS 04-12-16

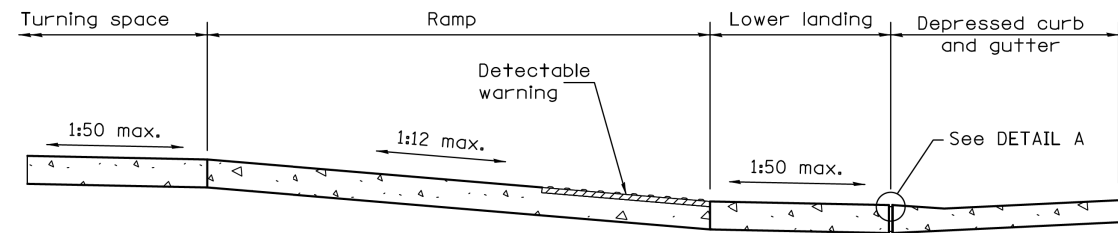
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

## DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT
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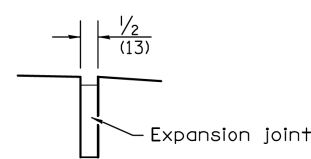


# **RAMPS IN LANDSCAPED AREA** **SETBACK ≤ 5'**

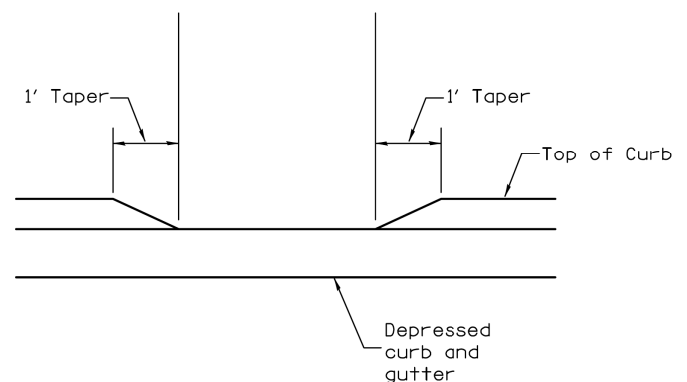


## **SECTION A-A**

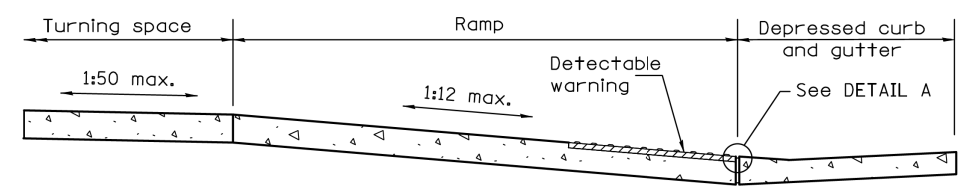
② The running slope of the curb ramp shall not require the ramp length to exceed 15' (4.5 m).



## **DETAIL A**



## **SECTION C-C**



## **SECTION B-B**

② The running slope of the curb ramp shall not require the ramp length to exceed 15' (4.5 m).

## **GENERAL NOTES**

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

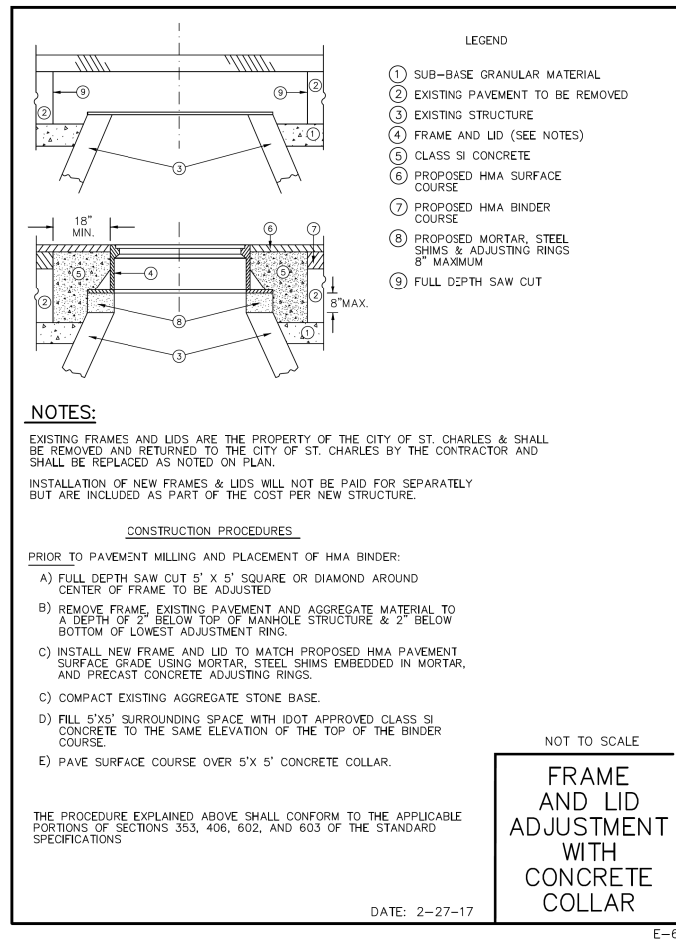
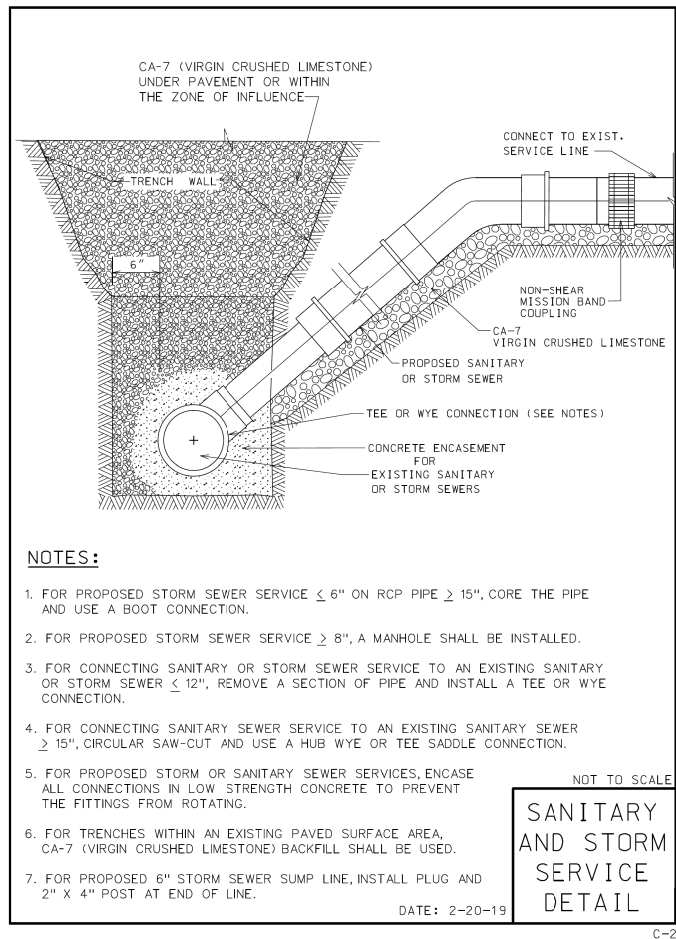
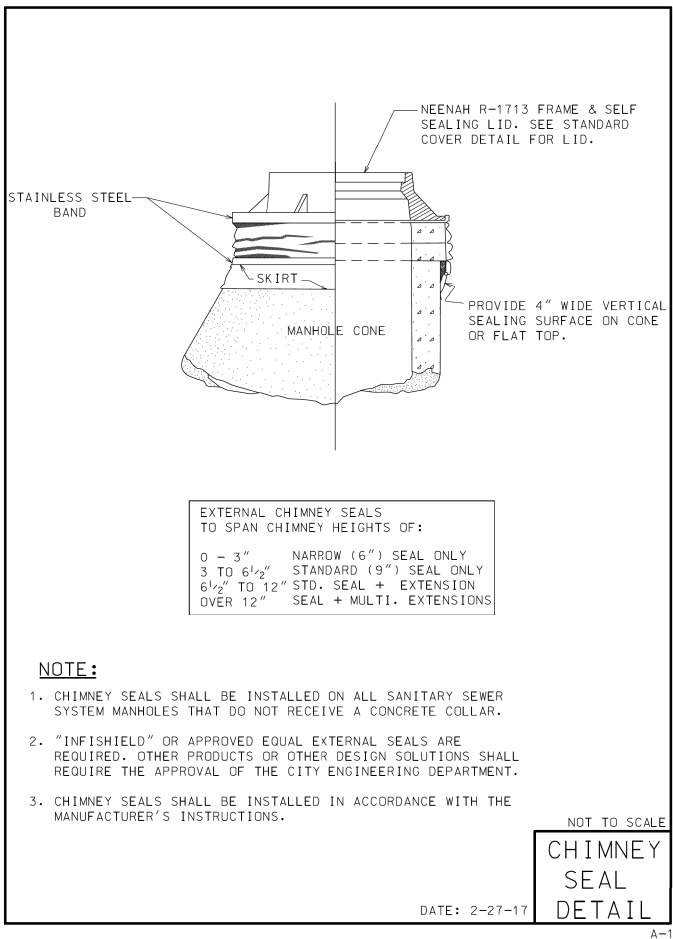
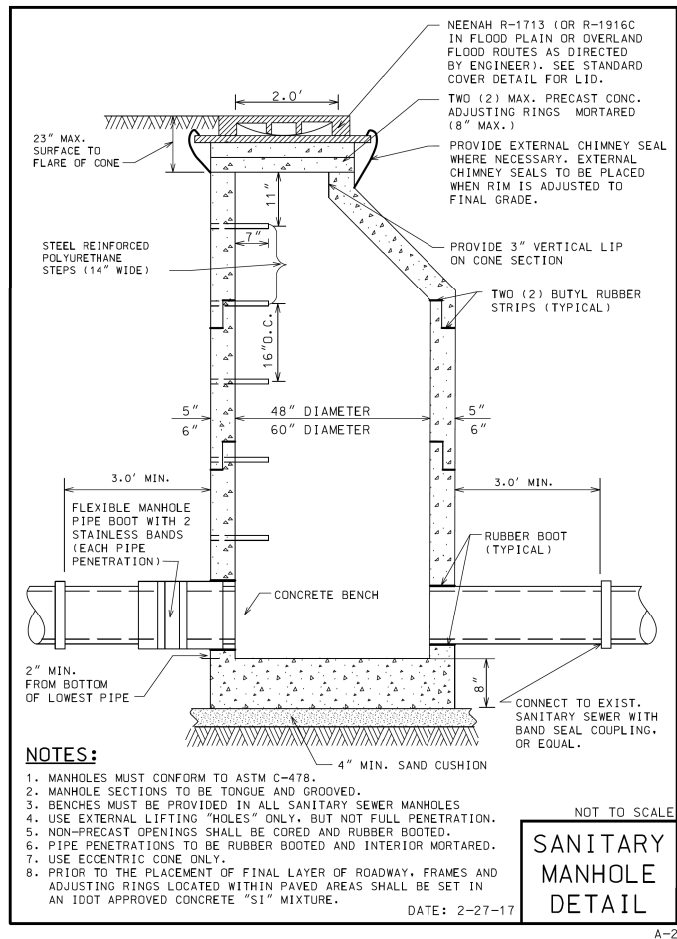
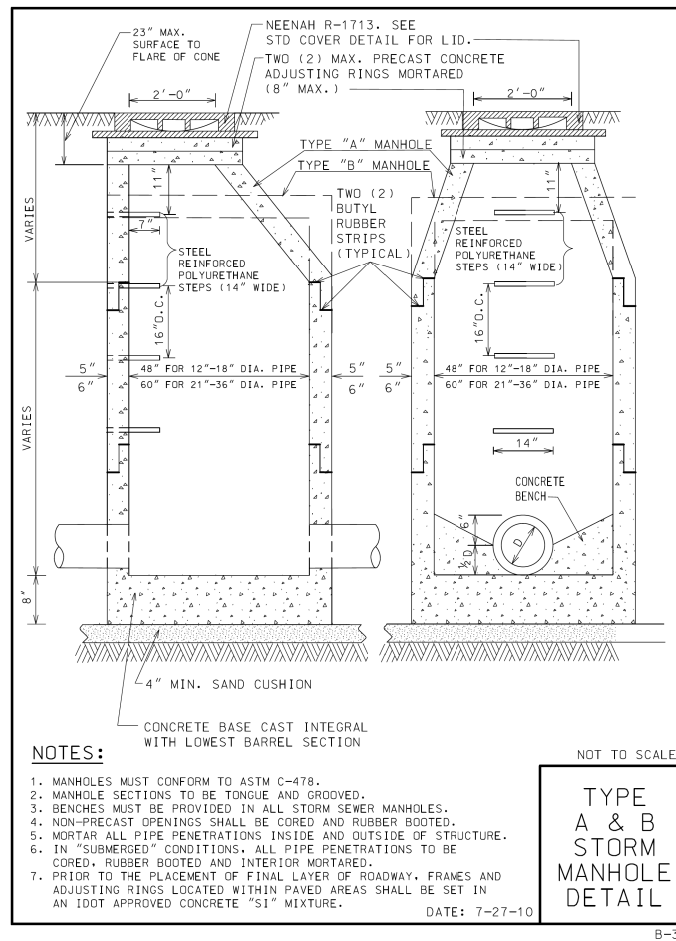
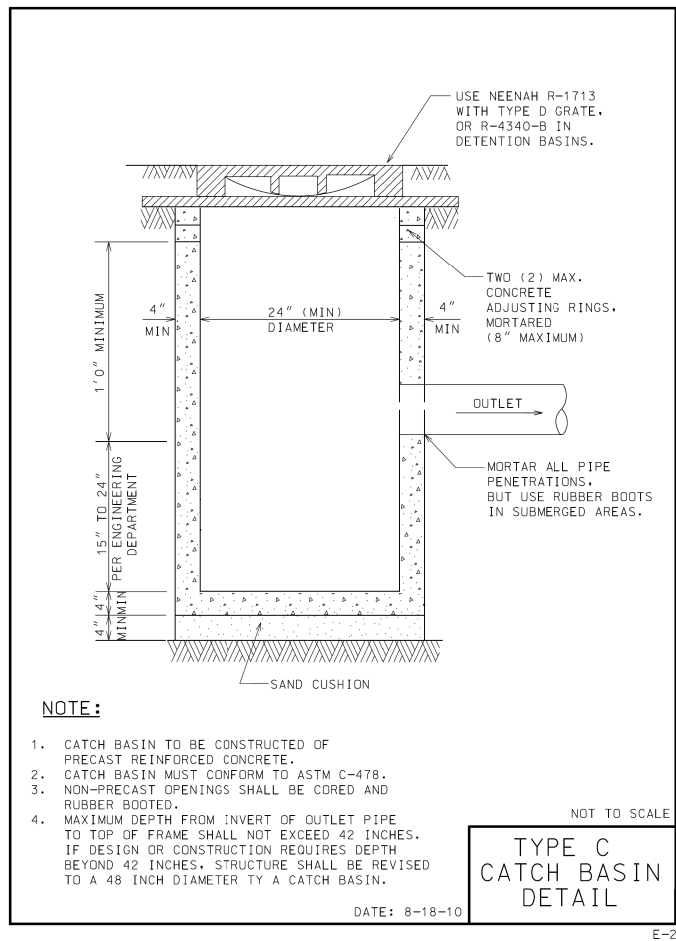
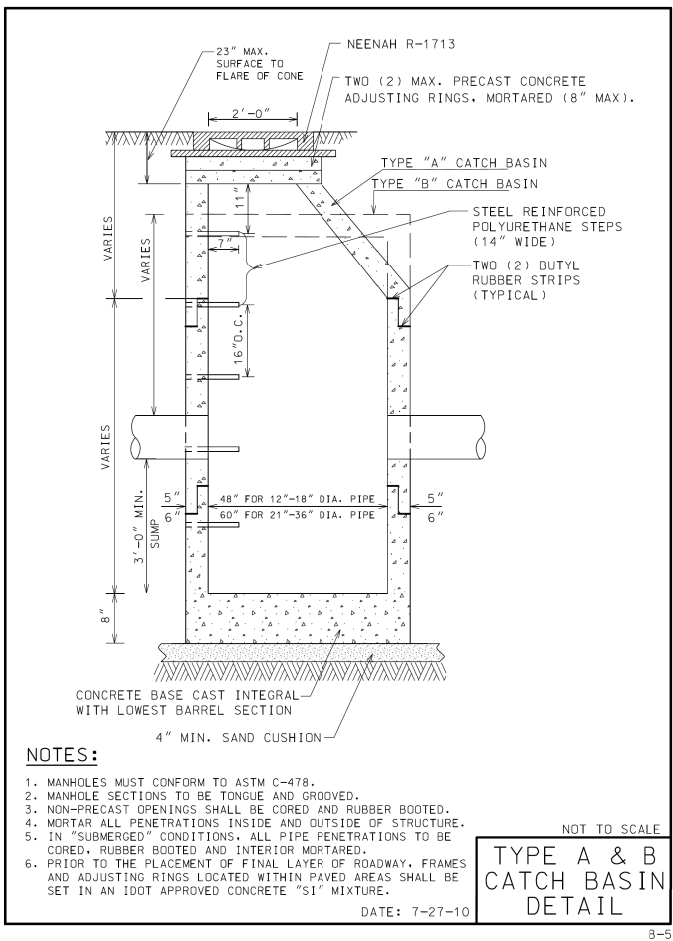
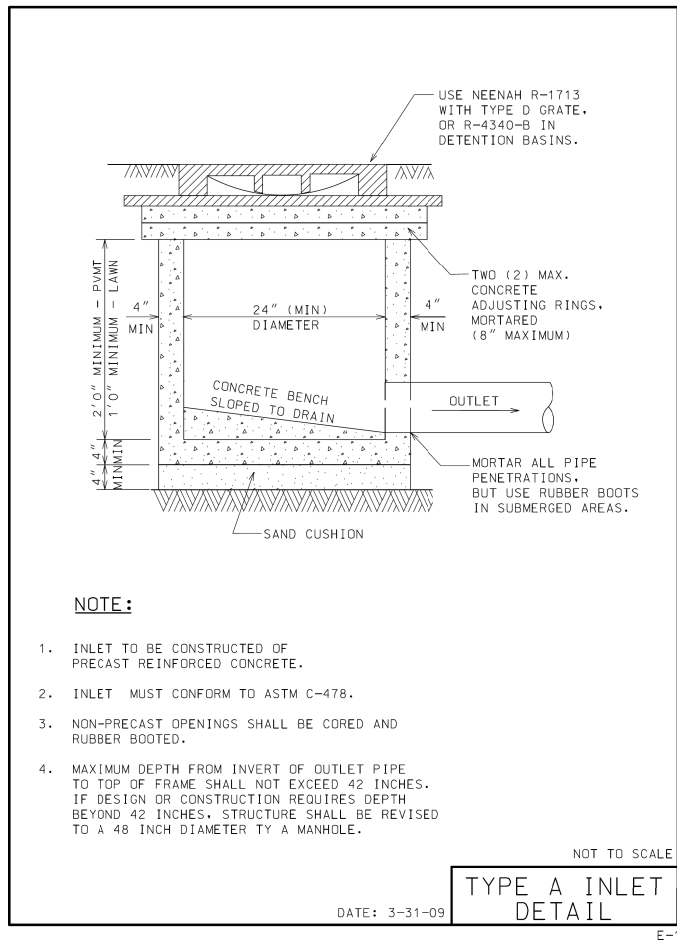
See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

# **PERPENDICULAR CURB RAMPS** **FOR SIDEWALKS**

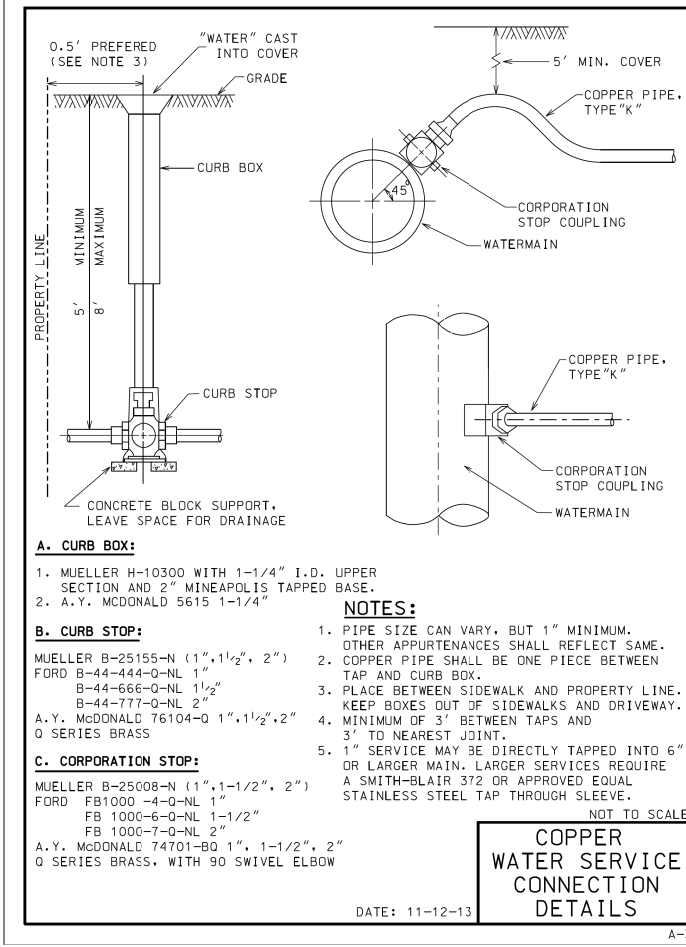
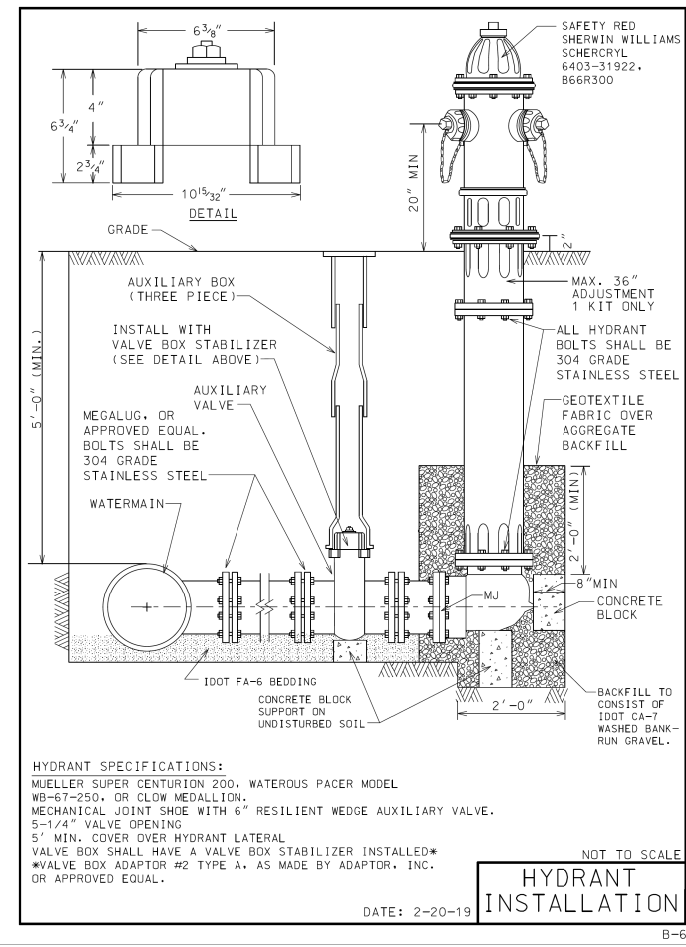
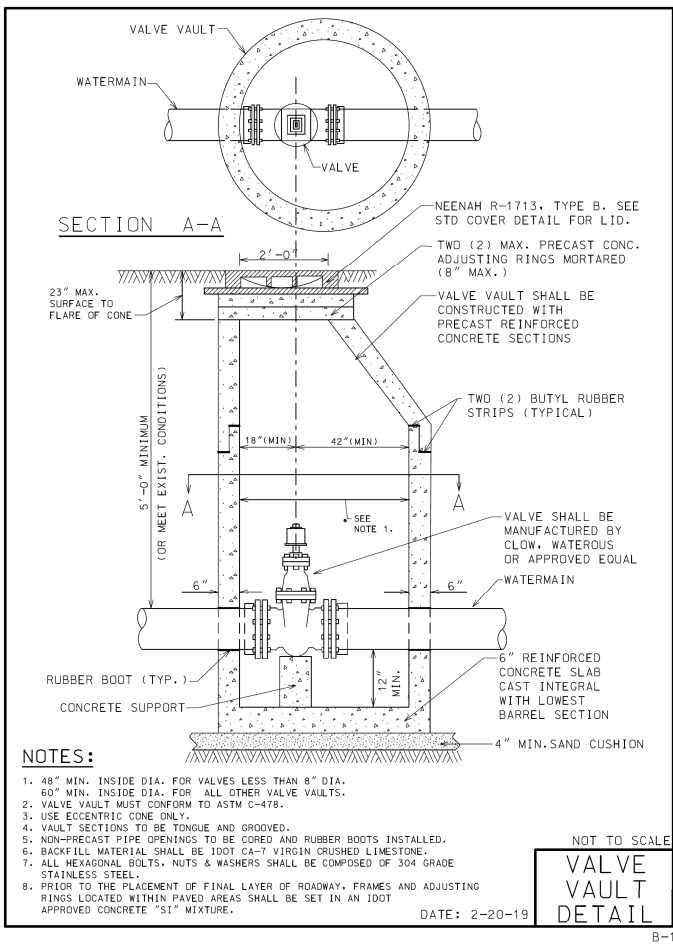
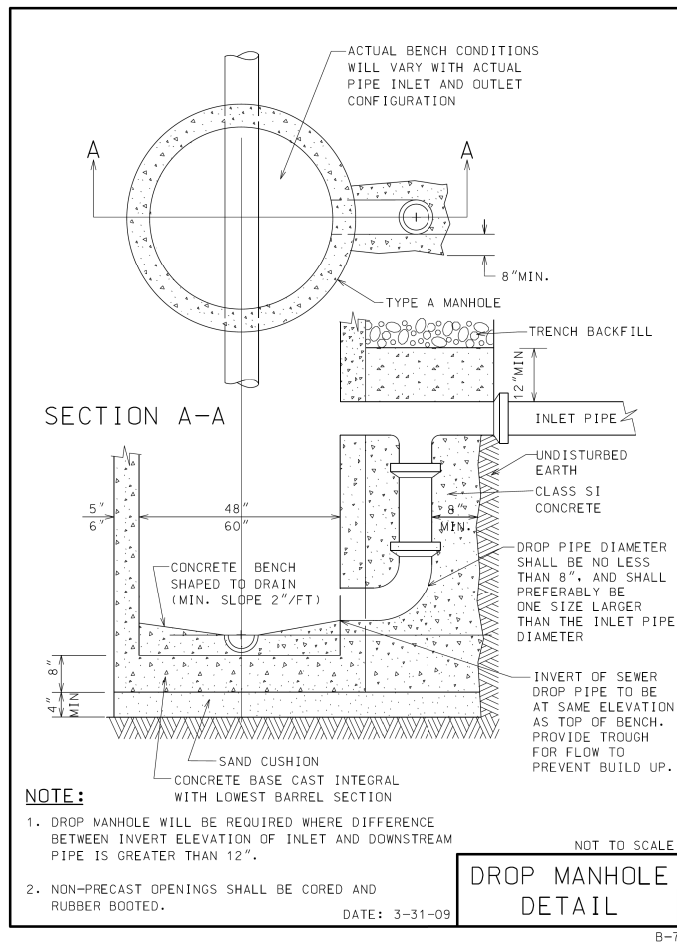
Date: February 8, 2016

FILE NAME	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2019 MFT REHABILITATION PROGRAM TYPICAL DETAILS - CITY OF ST. CHARLES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -	REVISED -							19-00111-00-RS	KANE	30	27
	PLOT DATE =	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO.				
		DATE - 2/28/2019	REVISED -						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



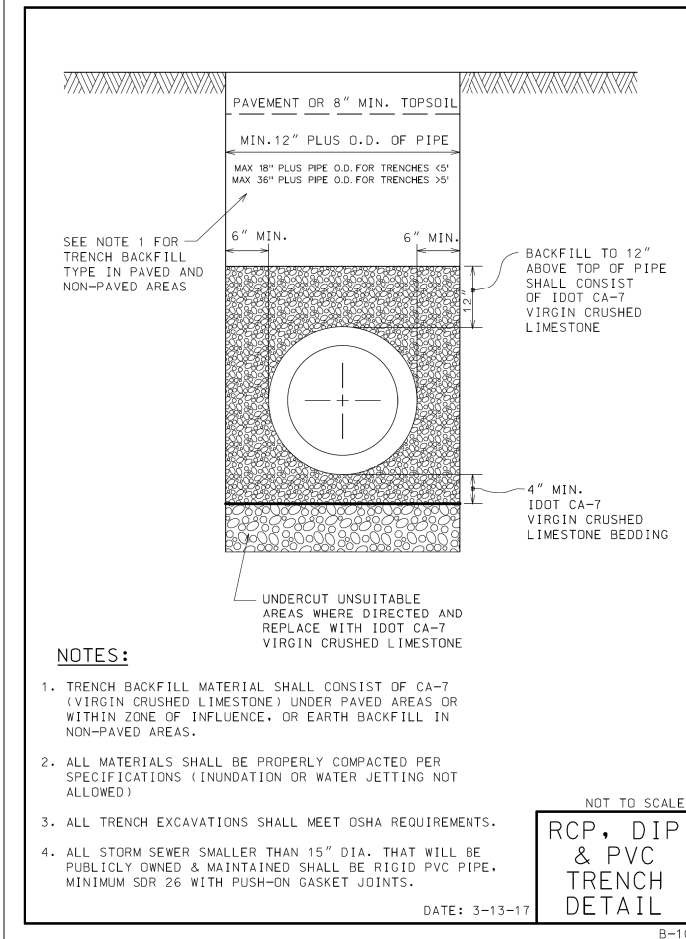
FILE NAME	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		2019 MFT REHABILITATION PROGRAM TYPICAL DETAILS - CITY OF ST. CHARLES		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						19-00111-00-RS	KANE	30	28
	PLOT SCALE =	CHECKED -	REVISED -							CONTRACT NO.		
	PLOT DATE =	DATE - 2/28/2019	REVISED -					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
SCALE:		SHEET NO. OF SHEETS STA. TO STA.										





<b>EROSION CONTROL BLANKET:</b>	
STANDARD	DESCRIPTION
IUM-530	EROSION CONTROL BLANKET
IUM-531	EROSION CONTROL BLANKET, TURF REINF. MAT
<b>INLET PROTECTION:</b>	
STANDARD	DESCRIPTION
IL-555	EXCAVATED DRAIN
IL-560	FABRIC DROP
IL-562	SOD FILTER
IUM-561C	FILTER BAG
IUM-561D	SEDIMENT BAG/FILTER
<b>END SECTION INLET PROTECTION:</b>	
STANDARD	DESCRIPTION
IL-508SF	CULVERT INLET PROTECTION - SILT FENCE
IL-508ST	CULVERT INLET PROTECTION - STONE
<b>DITCH CHECK:</b>	
STANDARD	DESCRIPTION
IUM-514PC	PLASTIC PERMEABLE
IUM-514RC	ROLLED EROSION CONTROL
IUM-514SC	SYNTHETIC POROUS CONTROL
IUM-514UF	URETHANE FOAM GEOTEXTILES
IUM-514VC	VEGETATED EROSION CONTROL
IL-605CA	ROCK CHECK DAM - COARSE AGGREGATE
IL-605R	ROCK CHECK DAM - RIPRAP
<b>SILT FENCE:</b>	
STANDARD	DESCRIPTION
IUM-620A	SILT FENCE
IUM-620AW	SILT FENCE WITH WIRE SUPPORT
IUM-620BW	SILT FENCE SPLICING
<b>NOTE:</b>	
STANDARDS ARE PER THE NATURAL RESOURCES CONSERVATION SERVICE AS PUBLISHED IN THE ILLINOIS URBAN MANUAL, LATEST EDITION.	
DATE: 4-3-13	
<b>EROSION CONTROL</b>	

Minimum Restrained Lengths (in feet) back from both sides of fitting							
Fitting type/nominal size	4"	6"	8"	10"	12"	16"	
90 Degree Bend	17	25	32	38	45	59	
45 Degree Bend	7	10	13	16	19	24	
22.5 Degree Bend	3	5	6	8	9	12	
11.25 Degree Bend	2	2	3	4	4	6	
Dead End	39	55	73	87	103	134	
Top Side Vertical Offset * (45 Degree)	16	23	30	36	43	55	
Bottom Side Vertical Offset * (45 Degree)	4	6	8	10	11	15	
Tee Run X Branch **	6" by	1	17				
Tee Run X Branch **	8" by	1	5	34			
Tee Run X Branch **	10" by	1	1	24	49		
Tee Run X Branch **	12" by	1	1	15	41	65	
Tee Run X Branch **	16" by	1	1	1	26	52	95
Reducer ***	6" by	28					
Reducer ***	8" by	52	30				
Reducer ***	10" by	71	54	29			
Reducer ***	12" by	90	75	55	51		
Reducer ***	16" by	123	113	97	94	54	
* Vertical offset with minimum 10' of solid pipe between upper and lower bend.							
** Tee with MINIMUM 10' solid pipe on both sides of run.							
Number indicates length of branch to be restrained.							
*** Length back from Large Eng of Reducer.							
DATE: 3-31-09							
<b>WATER MAIN RESTRAINT</b>							



Traffic Detector Loop

WCS 200/750 Heat Shrink Tube

No. 14 Wire with insulation

Nylon covering scraped off only insulation and wire to remain

Bare Wire

Barrel sleeve, crimped & soldered

WCSMW 30/100 Heat Shrink Tube

4-C No. 18 Twisted Shielded Cable  
Twist Black /White together  
Twist Red / Green together  
Canoga - 30003 wire or Equivalent.

25 mm (1") min.

25 mm (1") min.

25 mm (1") min.

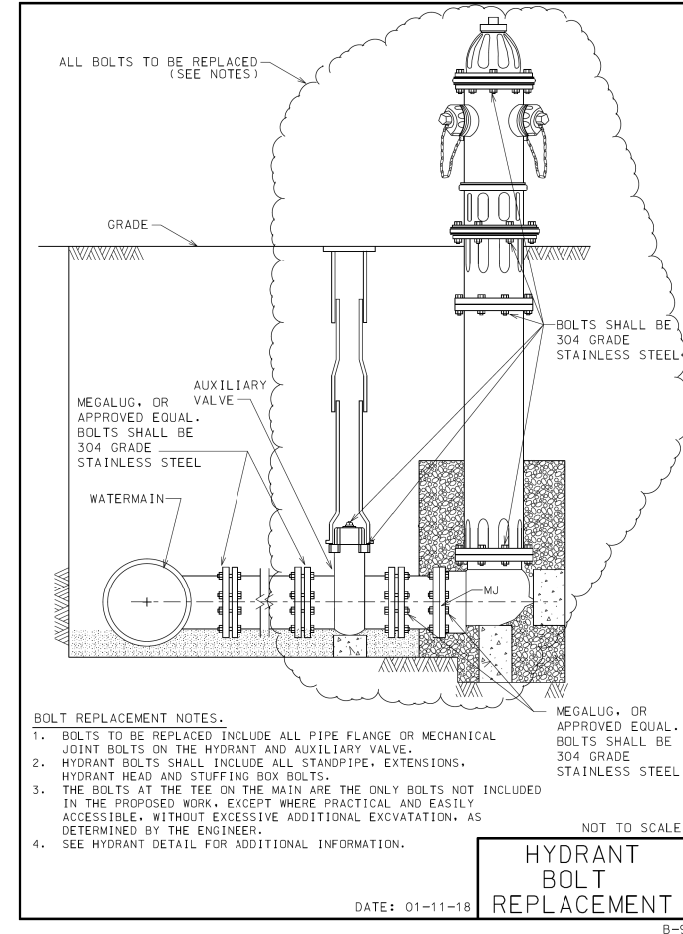
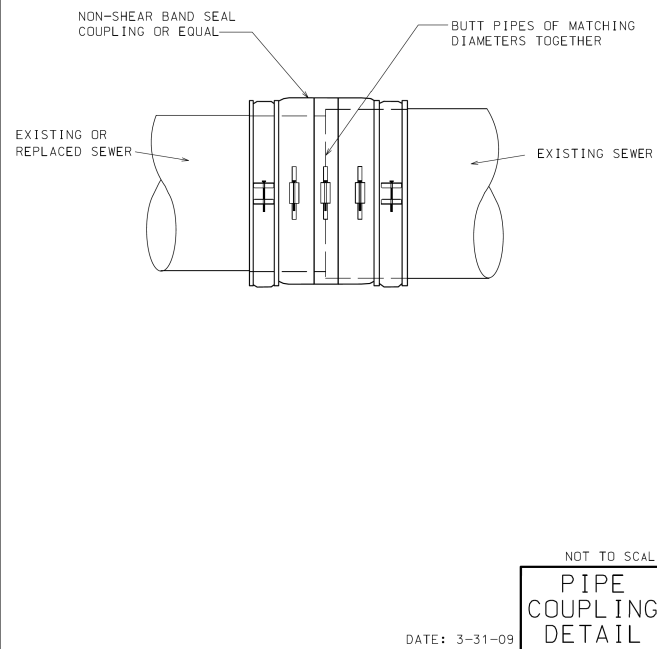
25 mm (1") min.

Minimum 25 mm (1") Heat Shrink Tube overlap on wire.  
PVC & Shielded cable to form water tight seal.

Note: Not to Scale

REVISIONS	
Name	Date

<b>Illinois Department of Transportation</b> Office of Planning and Programming			
Drawn By: R. Taylor	Checked By: R. Taylor	Date: 01/20/00	Scale: NONE



1 1/2" (38.1 mm) LETTERS  
(RECESSED FLUSH)

(2) CLOSED PICKHOLES

REVISE TO MATCH UTILITY

22 3/4" DIA.  
577.9 mm

1 3/4"  
44.5 mm

HEAVY DUTY  
MATERIAL ASTM A48 CL 35  
MACHINED BEARING SURFACE  
COVER WT: 125 LBS ( 56.7 kg)

NOT TO SCALE

STANDARD  
COVER  
DETAIL

DATE: 11-19-09

D-7

