

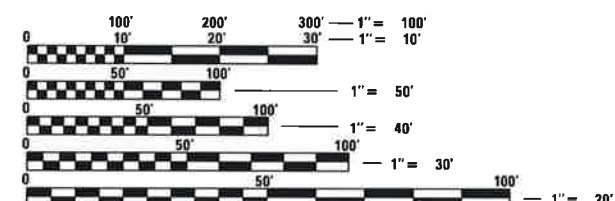
# INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	SCHEDULE OF QUANTITIES
5 - 10	TYPICAL SECTIONS
11 & 12	HORNE STREET
13 & 14	SOUTH 12TH STREET
15 & 16	HERITAGE STREET
17	HERITAGE STREET & HERITAGE COURT
18 & 19	FAIRVIEW DRIVE
20 & 21	SOUTH 19TH STREET
22	KILLDEER LANE
23	TRADITION BOULEVARD
24	PINELANDS ROAD
25 & 26	FOX GLEN DRIVE
27	KING RICHARD CIRCLE
28	KING RICHARD CIR. & QUEEN ELIZABETH CT.
29	NORTH 2ND AVENUE
30	EDWARD AVENUE
31 - 37	TYPICAL DETAILS

## 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

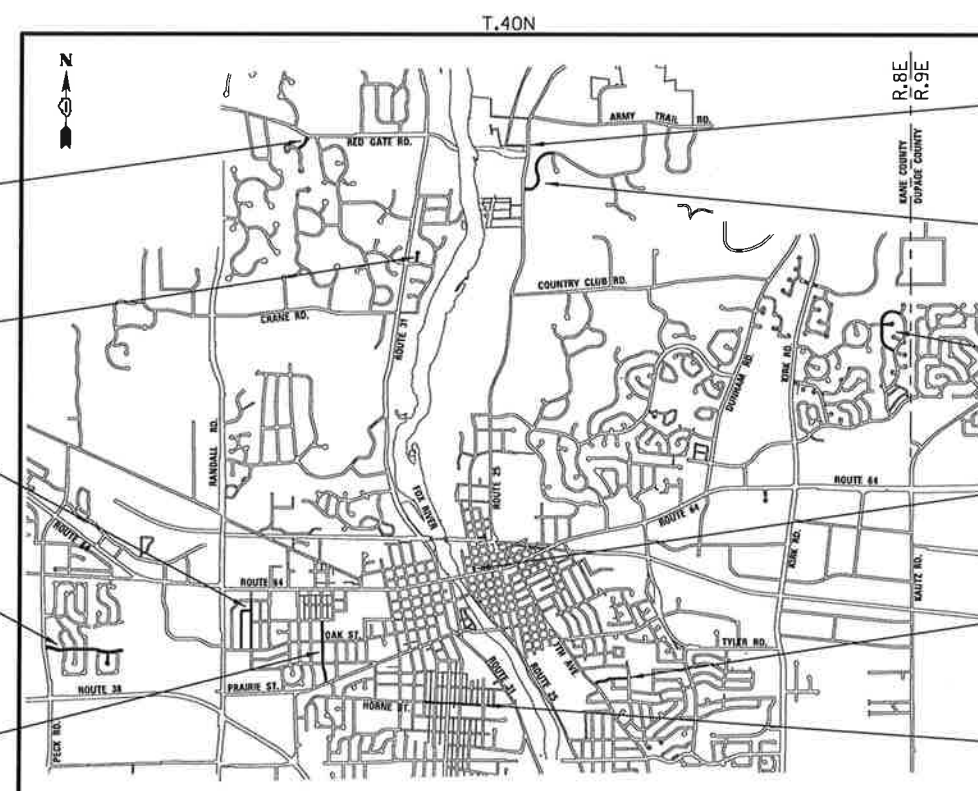
CITY STANDARD  
 STD. 442201-03  
 STD. 606001-07  
 STD. 701501-06  
 STD. 701801-06  
 STD. 701901-08  
 STD. 780001-05  
 B.L.R. 17-4  
 B.L.R. 18-6  
 TC-10  
 TC-13  
 BD-32



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.

J.U.L.I.E.  
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
 1-800-892-0123  
 OR 811

TRAFFIC DATA  
 TRADITION BLVD.  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 KILLDEER LANE  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 FAIRVIEW DRIVE &  
 SOUTH 19TH STREET  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 HERITAGE STREET &  
 HERITAGE COURT  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 SOUTH 12TH STREET  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH



TRAFFIC DATA  
 PINELANDS ROAD  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 FOX GLEN DRIVE  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 KING RICHARD CIR. &  
 QUEEN ELIZABETH CT.  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 NORTH 2ND AVENUE  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 EDWARD AVENUE  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH  
 HORNE STREET  
 GRIND & OVERLAY  
 SPEED LIMIT = 25 MPH

LOCATION MAP  
 GROSS LENGTH OF IMPROVEMENTS - ALL STREETS = 16,038 LINEAL FEET (3.037 MILES)  
 NET LENGTH OF IMPROVEMENTS - ALL STREETS = 15,914 LINEAL FEET (3.014 MILES)

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

HORNE STREET - S. 5TH ST. TO ASH ST.  
 SOUTH 12TH STREET - INDIANA ST. TO PRAIRIE ST.  
 HERITAGE STREET & HERITAGE COURT - ALL  
 FAIRVIEW DRIVE - OAK ST. TO S. 19TH ST.  
 SOUTH 19TH STREET - OAK ST. TO WALNUT DR.  
 KILLDEER LANE - THORNHILL FARM LN. TO END  
 TRADITION BOULEVARD - RED GATE RD. TO GRANDVIEW CT.  
 PINELANDS ROAD - WEBER DR. TO 170' WEST OF IL ROUTE 25  
 FOX GLEN DRIVE - IL ROUTE 25 TO FOX GLEN CT.  
 KING RICHARD CIRCLE - KING JAMES AVE. TO KING ALFORD CT.  
 QUEEN ELIZABETH COURT - KING RICHARD CIR. TO END  
 NORTH 2ND AVENUE - CEDAR AVE. TO IL ROUTE 64  
 EDWARD AVENUE - S. 7TH AVE. TO S. 13TH AVE.

SECTION 20-00113-00-RS  
 CITY OF ST. CHARLES  
 KANE COUNTY & DUPAGE COUNTY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	20-00113-00-RS	KANE	37	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO.		



Approved 1/17/2020  
 City of St. Charles, Public Works Manager - Engineering

LICENSED PROFESSIONAL ENGINEER  
 KENNETH L. JAY  
 062-062261  
 OF ILLINOIS  
 Ken Jay  
 Exp 11/21

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, 2020; 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.
13.

STRUCTURE DEPTHS SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY FINAL ELEVATIONS AND LOCATIONS PRIOR TO ODERING STRUCTURES.

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 ILRI0 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.
6.

THE CONTRACTOR SHALL USE CONCRETE WASHOUTBOXES.

FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM GENERAL NOTES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BH	REVISED -							20-00113-00-RS	KANE	37	2
	PLOT SCALE =	CHECKED -	REVISED -						CONTRACT NO.				
	PLOT DATE =	DATE - 1/17/2020	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	FED. ROAD DIST. NO. 1	ILLINOIS

SUMMARY OF QUANTITIES

HOT MIX ASPHALT CHART

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE		AIR VOIDS @ Ndes
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50	4%	@ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50	4%	@ 50 Gyr.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE IL-4.75, N50	3.5%	@ 50 Gyr.
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 3"	4%	@ 50 Gyr.
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0, N50)	4%	@ 50 Gyr.

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 MATERIALS SEE SPECIAL PROVISIONS.

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 OR REMOVE PCC PAVEMENT.
- h. PROOF-ROLL THE EXISTING BASE AS NEEDED.
- i. PERFORM UNDERCUTS, AGGREGATE SUBGRADE IMPROVEMENT, AND PAVEMENT PATCHING AS DIRECTED 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 HMA SURFACE COURSE.
- p. SWEEP STREET AS REQUIRED.
- q. PLACE PAVEMENT MARKINGS.
- r. REMOVE ALL REMAINING TRAFFIC CONTROL PROTECTION AND PUBLIC NOTIFICATION APPURTENANCES.

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT	TOTAL QTY
MFT PAY ITEMS			
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY	592.00
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SY	1,125.00
21101615	TOPSOIL FURNISH AND PLACE, 4"	SY	2,739.00
25000100	SEEDING, CLASS 1	AC	1.00
25100630	EROSION CONTROL BLANKET	SY	2,739.00
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SY	879.00
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SY	544.00
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SY	138.00
35102200	AGGREGATE BASE COURSE, TYPE B 10"	SY	1,125.00
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	19,533.00
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	29,540.00
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SY	890.00
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1,094.00
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	1,141.00
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50	TON	5,465.00
42300200	PCC DRIVEWAY PAVEMENT, 6 INCH	SY	752.00
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SF	9,072.00
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SF	1,345.00
42400800	DETECTABLE WARNINGS	SF	532.00
44000100	PAVEMENT REMOVAL	SY	1,125.00
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SY	18,245.00
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SY	1,411.00
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"	SY	22,119.00
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SY	639.00
44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"	SY	7,409.00
44000200	DRIVEWAY PAVEMENT REMOVAL	SY	752.00
44000600	SIDEWALK REMOVAL	SF	10,487.00
44201672	CLASS D PATCHES, TYPE II, 2 INCH	SY	313.00
44201692	CLASS D PATCHES, TYPE II, 4 INCH	SY	284.00
44201705	CLASS D PATCHES, TYPE II, 5 INCH	SY	648.00
44201729	CLASS D PATCHES, TYPE II, 7 INCH	SY	470.00
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SY	520.00
67100100	MOBILIZATION	LS	1.00
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LS	1.00
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LS	1.00
70300100	SHORT TERM PAVEMENT MARKING	LF	100.00
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SF	100.00
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	SF	10.00
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	LF	50.00
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	LF	594.00
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	LF	279.00
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	LF	194.00
X0326806	WASHOUT BASIN	LS	1.00
X0327611	REMOVE AND REINSTALL BRICK PAVER	SF	375.00
X4400220	CURB REMOVAL AND REPLACEMENT	LF	5,171.00
Z0004510	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SY	1,394.00
Z0004544	HOT-MIX ASPHALT DRIVEWAY PAVEMENT REMOVAL	SY	1,394.00
Z0042300	PORTLAND CEMENT CONCRETE SIDEWALK CURB	LF	50.00
1	CURB REMOVAL AND REPLACEMENT - CONTINUOUS	LF	2,954.00

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT	TOTAL QTY
CORPORATE PAY ITEMS			
20800150	TRENCH BACKFILL	CY	244.00
28000510	INLET FILTERS	EA	112.00
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EA	2.00
55100300	STORM SEWER REMOVAL 8"	LF	42.00
55100500	STORM SEWER REMOVAL 12"	LF	84.00
55100700	STORM SEWER REMOVAL 15"	LF	46.00
55100900	STORM SEWER REMOVAL 18"	LF	4.00
55101200	STORM SEWER REMOVAL 24"	LF	50.00
56103000	DUCTILE IRON WATER MAIN 6"	LF	6.00
56103100	DUCTILE IRON WATER MAIN 8"	LF	210.00
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	LF	62.00
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	LF	22.00
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	LF	26.00
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	LF	50.00
60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EA	1.00
60207105	CATCH BASINS, TYPE C, TYPE 3 FRAME AND GRATE	EA	2.00
60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EA	2.00
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EA	4.00
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EA	5.00
60248700	VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EA	3.00
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME OPEN LID	EA	5.00
60250600	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 3 FRAME AND GRATE	EA	1.00
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EA	8.00
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EA	2.00
60265900	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EA	10.00
60266100	VALVE VAULTS TO BE RECONSTRUCTED	EA	3.00
60300105	FRAMES AND GRATES TO BE ADJUSTED	EA	24.00
60300305	FRAMES AND LIDS TO BE ADJUSTED	EA	23.00
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EA	2.00
60500040	REMOVING MANHOLES	EA	8.00
60500050	REMOVING CATCH BASINS	EA	3.00
60500060	REMOVING INLETS	EA	7.00
X0322464	ABANDON AND FILL EXISTING SANITARY MANHOLE	EA	3.00
X6026051	SANITARY MANHOLES TO BE RECONSTRUCTED	EA	4.00
X6026622	VALVE VAULTS TO BE REMOVED	EA	2.00
2	REMOVE & REPLACE SANITARY SEWER SERVICE, 6" PVC, SDR 26	LF	34.00
3	SANITARY MANHOLE 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EA	8.00
4	SANITARY MANHOLE CHIMNEY SEAL	EA	17.00
5	SANITARY SEWER NEW 8" DROP CONNECTION	EA	1.00
6	SANITARY SEWER SERVICE, 6" PVC, SDR 26	LF	30.00
7	SANITARY SEWERS 8" PVC SDR 26	LF	112.00
8	SANITARY SEWERS 12" PVC SDR 26	LF	180.00
9	REMOVE 4' SUMP LINE AND REPLACE WITH 6" PVC	LF	100.00
10	STORM SEWER PIPE, REMOVE 10" VCP AND REPLACE WITH 10" PVC, SDR 26	LF	44.00
11	SEWER PIPE, REMOVE 12" VCP AND REPLACE WITH 12" PVC, SDR 26	LF	48.00
12	STORM SEWER PIPE, REMOVE 8" VCP AND REPLACE WITH 10" PVC, SDR 26	LF	22.00
13	STORM SEWER REMOVE AND REPLACE 6" PVC	LF	30.00
14	STORM SEWER PVC 12", SDR 26	LF	64.00
15	STORM SEWER PVC 15", SDR 26	LF	20.00
16	FIRE HYDRANT ASSEMBLY - REMOVE & REPLACE	EA	8.00
17	FIRE HYDRANT ASSEMBLY - NEW	EA	1.00
18	RAISE FIRE HYDRANT 6"	EA	1.00
19	AUXILIARY BOXES TO BE REPLACED	EA	1.00
20	REMOVE & REPLACE B-BOX	EA	17.00
21	REMOVE & REPLACE B-BOX & CURB STOP	EA	9.00
22	REMOVE 4" VALVE IN BOX & REPLACE W/ 4" VALVE IN 4' DIA. VAULT	EA	1.00
23	REPLACE 4" VALVE IN EXISTING VAULT	EA	4.00
24	REPLACE 6" VALVE IN EXISTING VAULT	EA	2.00
25	NEW 8" VALVE	EA	2.00
26	VALVE BOLT REPLACEMENT	EA	9.00

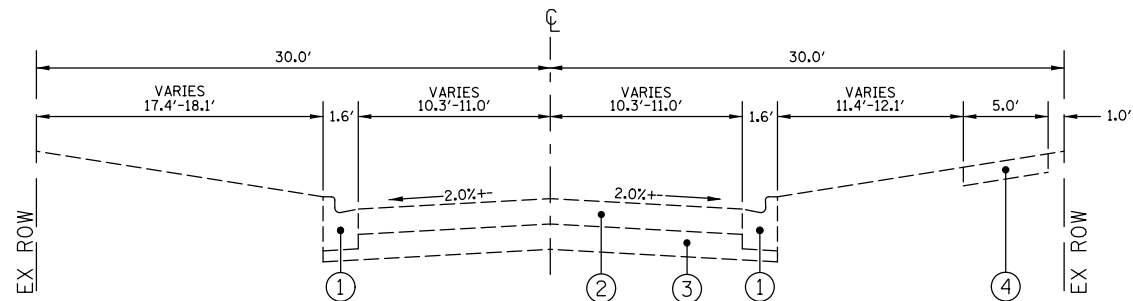
FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM SUMMARY OF QUANTITIES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BH	REVISED -							20-00113-00-RS	KANE	37	3
	PLOT SCALE =	CHECKED -	REVISED -						CONTRACT NO.				
	PLOT DATE =	DATE - 1/17/2020	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.	FED. ROAD DIST. NO. 1	ILLINOIS

POINT REPAIR TABLE

POINT REPAIRS					
STREET	STA	UTILITY	DESCRIPTION	LENGTH	ISSUE
19th	08+00	Storm	Downstream starting at 6.2-237	100	Sump Line full of debris
19th	11+74	Storm	315.4 LF Downstream of 6.2-218	10	Offset joint adjacent to structure
Edward	0+35	Storm	Full Run 4.2-597 to 4.2-600	15	Undersized pipe
Edward	0+40	Storm	Full Run 4.2-600 to 4.2-599	27	Undersized pipe
Edward	02+42	San	109.3 LF Downstream of 4.2-071	18	Offset joint, protruding tap, fractured pipe
Edward	02+48	San	111 LF Downstream of 4.2-071	6	Service connection
Edward	02+85	San	71.9 LF Downstream of 4.2-071	10	Fractured pipe
Edward	03+25	Storm	New Run 4.2-100 to 4.2-085	22	New run
Edward	03+35	Storm	269.2 LF Downstream of 4.2-083	8	Replace blind connect with solid pipe
Edward	03+35	Storm	Abandon in place	17	Replaced by new run between MHs
Edward	04+20	Storm	181.7 LF Downstream of 4.2-083	8	Break at utility hit
Edward	04+88	San	96.1 LF Downstream of 4.2-070	6	Repair double service remove old connection
Edward	04+88	San	96.5 LF Downstream of 4.2-070	10	Repair double service remove old connection
Edward	04+88	San	96.7 LF Downstream of 4.2-070	6	Repair double service remove old connection
Edward	06+25	Storm	First 30LF Upstream of 4.2-083	30	Pipe collapse adjacent to structure
Edward	09+90	Storm	42 LF Downstream of 3.2-047	20	Pipe collapse
Fairview	12+91	Storm	115.6 LF Downstream of 6.2-266	8	Defective patch on broken pipe
Fairview	14-03	Storm	2.6 LF Downstream of 6.2-266	8	Defective patch on broken pipe adjacent to structure
Fox Glen	08+73	Storm	First joint Downstream of 4.7-013	6	Offset joint
Horne	0+65	Storm	First 10 LF Downstream of 5.1-140	10	Undersized pipe
Horne	07+14	Storm	Full Run 4.1-287 to 4.1-288	22	Undersized pipe
Horne	09+63	San	Appx. 25 LF Upstream of 4.1-170	8	New service connection #1102 to new sewer
Horne	09+63	San	Appx. 62 LF Upstream of 4.1-170	8	New service connection #1106 to new sewer
Horne	09+63	San	Run between new structures	42	New sewer down alley
Horne	09+95	San	New structure to drop connection at 4.1-169	70	New sewer crossing Horne from alley
Horne	10+12	San	New Drop Connection - Str 4.1-169	N/A	New Drop connection for alley sewer
Horne	11+20	Storm	290-295 LF Downstream of 4.1-025	10	Fractured pipe, possible cross connect
Horne	11+30	Storm	Full Run 4.1-027 to 4.1-001	28	Replace VCP with PVC
Horne	11+43	Storm	8.8 LF Downstream of 4.1-001	10	Repair defective tap, possible cross connect - Repair starts at Str 4.1-001
Horne	11+48	Storm	15.7 LF Downstream of 4.1-029	6	Remove partially abandoned tap, possible cross connect
Killdeer	0+20	Storm	Replace entire culvert	55	Holding water
King Richard	03+25	Storm	5.3 LF Downstream of 2.5-189	7	Broken joint
King Richard	04+13	Storm	75.6 LF Downstream of 2.5-219	6	Sheared pipe
King Richard	04+25	Storm	62.6 LF Downstream of 2.5-219	6	Broken and missing pipe
Queen Elizabeth	02+85	Storm	73 LF Downstream from 2.5-222	6	Sheared coupling
Queen Elizabeth	03+39	Storm	23.2 LF Downstream from 2.5-223	6	Broken pipe
Queen Elizabeth	03+50	Storm	6.3 LF Downstream from 2.5-222	6	Broken pipe
Tradition	02+95	Storm	5.6 LF Downstream from 5.7-039	6	Broken joint

UTILITY REPLACEMENT TABLE

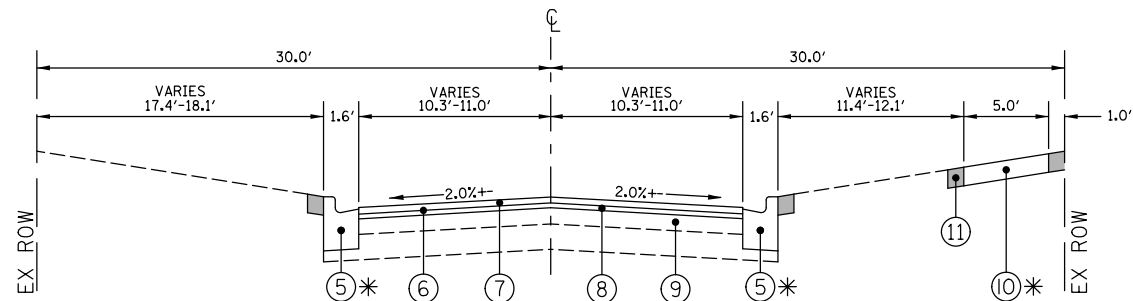
UTILITY REPLACEMENTS													
STREET	STA	R&R B-BOX or B BOX W/ CURB STOP	R&R HYDRANT AND/OR AUX BOX	R&R INLET	R&R VB/VV	R&R MH	R&R CB	NEW MH	ABANDON MH	R&R VALVE	REPLACE VALVE BOLTS	RAISE HYDRANT	APPROXIMATE STUCTURE DEPTH (FT)
12th St.	15+30	507											
12th St.	15+43		5.2-041H/V										
12th St.	17+45	526											
12th St.	17+85	530											
12th St.	18+18	531											
12th St.	18+87	537											
12th St.	19+64	1206											
19th	08+54					6.2-218							9.3
Edward	0+37							TBD					
Edward	0+40						4.2-599						4.8
Edward	0+40						4.2-600						4.8
Edward	01+00								4.2-059				9.0
Edward	04+85	1212											
Edward	05+20	1211											
Edward	06+55	1221											
Edward	07+75	1229											
Edward	08+60	1232											
Edward	10+65				3.2-042								5.0
Fairview	03+73		6.2-053H/V										
Fairview	05+93					6.2-215							7.3
Fairview	08+28		6.2-056H/V										
Fairview	09+53							TBD					6.7
Fairview	11+46					6.2-216							6.4
Fairview	11+50			6.2-232				6.2-232					5.8
Fairview	11+90			6.2-233				6.2-233					6.0
Fairview	13+21		6.2-059H/V										
Fox Glen	09+70	637											
Fox Glen	13+45	713											
Fox Glen	13+95	718											
Fox Glen	15+95	734											
Horne	0-03								5.1-211				7.0
Horne	0+25		5.1-110H										
Horne	0+38									5.1-096			
Horne	0+49					5.1-094							8.0
Horne	02+20				5.1-098					5.1-098			
Horne	05+73					5.1-086							10.5
Horne	07+14			4.1-287									
Horne	07+14						4.1-288						3.5
Horne	09+63							TBD					6.7
Horne	09+63							TBD					6.6
Horne	09+75								4.1-170				5.3
Horne	11+00									4.1-012			
Horne	11+18		4.1-020H										
Horne	11+25									4.1-013			
Horne	11+36					4.1-168							12.6
Horne	11+71									4.1-014			
Horne	13+08					4.1-167							5.0
Horne	13+45	109											
Horne	14+30	101-103											
Horne	14+49		4.1-021H										
Horne	14+70									4.1-020			
Horne	14+80					4.1-164							6.5
Horne	15+60	89											
Horne	17+00	84											
Horne	17+45	1037											
Killdeer	03+77		5.6-045H/V										
King Richard	03+15	1902											
King Richard	03+25			2.5-189									2.3
King Richard	03+75										2.5-054		
King Richard	04+06										5.5-055		
King Richard	05+05	2401											
King Richard	09+77										2.5-050		
King Richard	10+87										2.5-049		
King Richard	12+18			2.6-025									2.4
King Richard	12+45	3009											
King Richard	15+00	3014											
King Richard	18+07										2.6-027		
King Richard	18+30										2.6-029		
King Richard	18+38										2.6-028		
Queen Elizabeth	0+40										2.5-048		
Queen Elizabeth	02+65	3706											
Queen Elizabeth	02+95									2.5-052			
Queen Elizabeth	03+25	3707											
Queen Elizabeth	03+52											2.5-087H	
Tradition	0+19			5.7-037									3.0
Tradition	02+20		5.7-009V										
Tradition	02+91			5.7-038									2.8



EXISTING TYPICAL CROSS SECTION  
HORNE STREET, STA. 0+10 TO STA. 3+70

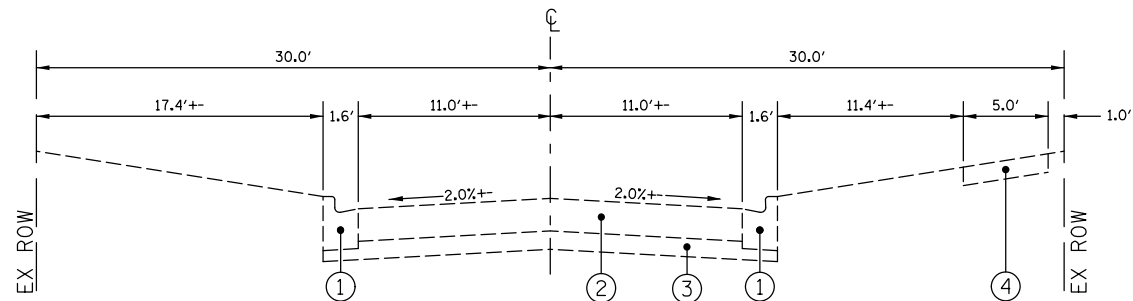
- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 7"
- ③ EXISTING AGGREGATE BASE COURSE, 9"
- ④ EXISTING PCC SIDEWALK

CORE: C-44



PROPOSED TYPICAL CROSS SECTION  
HORNE STREET, STA. 0+10 TO STA. 3+70

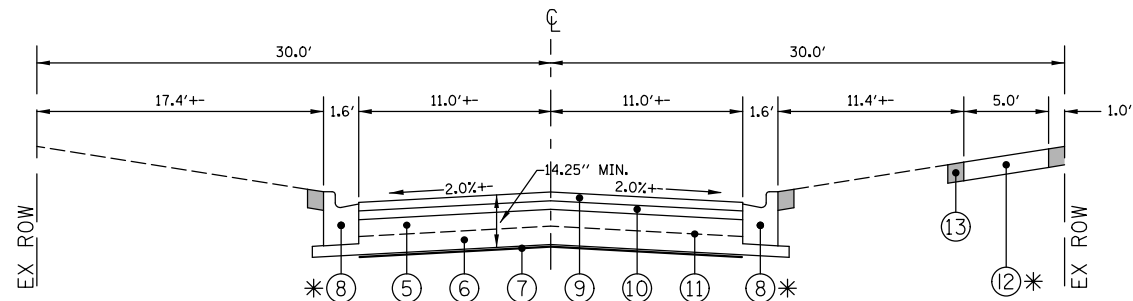
- ⑤ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
  - ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
  - ⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
  - ⑧ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
  - ⑨ EXISTING HOT-MIX ASPHALT BINDER COURSE, TO REMAIN
  - ⑩ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
  - ⑪ 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  
HORNE STREET, STA. 3+70 TO STA. 7+54

- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING PORTLAND CEMENT CONCRETE, 7-1/4" TO 8"
- ③ EXISTING AGGREGATE BASE COURSE, 0" - 5"
- ④ EXISTING PCC SIDEWALK

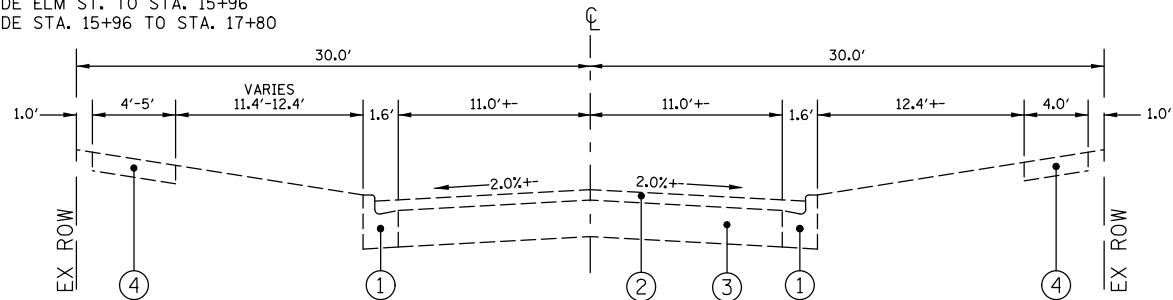
CORES: C-45 & C-46



PROPOSED TYPICAL CROSS SECTION  
HORNE STREET, STA. 3+70 TO STA. 7+54

- ⑤ PCC PAVEMENT REMOVAL - 7-1/4" TO 8"
  - ⑥ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS, 6" TO 6-3/4"
  - ⑦ GEOTECH FABRIC FOR GROUND STABILIZATION
  - ⑧ PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12
  - ⑨ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
  - ⑩ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
  - ⑪ SUB-BASE GRANULAR MATERIAL, 10"
  - ⑫ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
  - ⑬ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER

SIDEWALK 4' WIDE STA. 7+94 TO 2ND ST.  
SIDEWALK 5' WIDE 2ND ST. TO ELM ST.  
SIDEWALK 4' WIDE ELM ST. TO STA. 15+96  
SIDEWALK 5' WIDE STA. 15+96 TO STA. 17+80  
SIDEWALK ENDS AT STA. 16+78

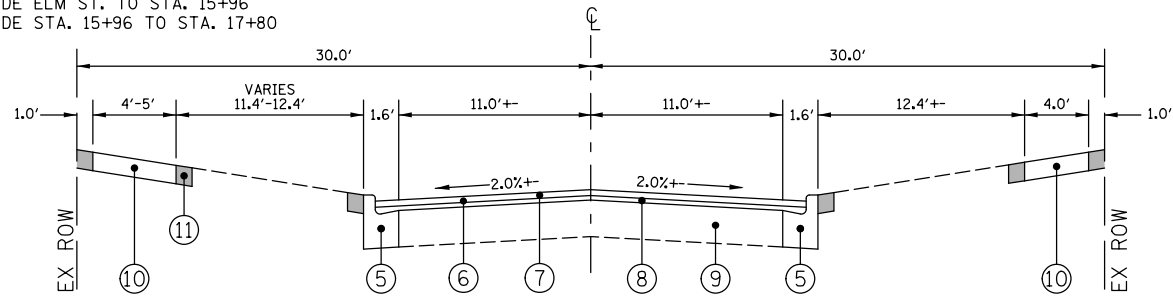


EXISTING TYPICAL CROSS SECTION  
HORNE STREET, STA. STA. 7+94 TO STA. 17+80

- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 2-1/4" - 2-1/2"
- ③ EXISTING PORTLAND CEMENT CONCRETE, 7-1/2" - 9"
- ④ EXISTING PCC SIDEWALK

CORES: C47, C48 & C-49

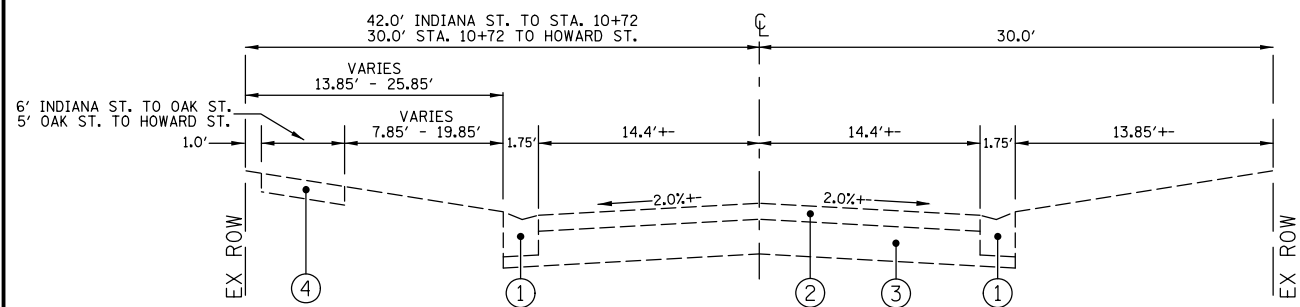
SIDEWALK 4' WIDE STA. 7+94 TO 2ND ST.  
SIDEWALK 5' WIDE 2ND ST. TO ELM ST.  
SIDEWALK 4' WIDE ELM ST. TO STA. 15+96  
SIDEWALK 5' WIDE STA. 15+96 TO STA. 17+80  
SIDEWALK ENDS AT STA. 16+78



PROPOSED TYPICAL CROSS SECTION  
HORNE STREET, STA. STA. 7+94 TO STA. 17+80

- ⑤ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
  - ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
  - ⑦ PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 1-3/4"
  - ⑧ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 1"
  - ⑨ EXISTING HOT-MIX ASPHALT BINDER COURSE, TO REMAIN
  - ⑩ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
  - ⑪ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER

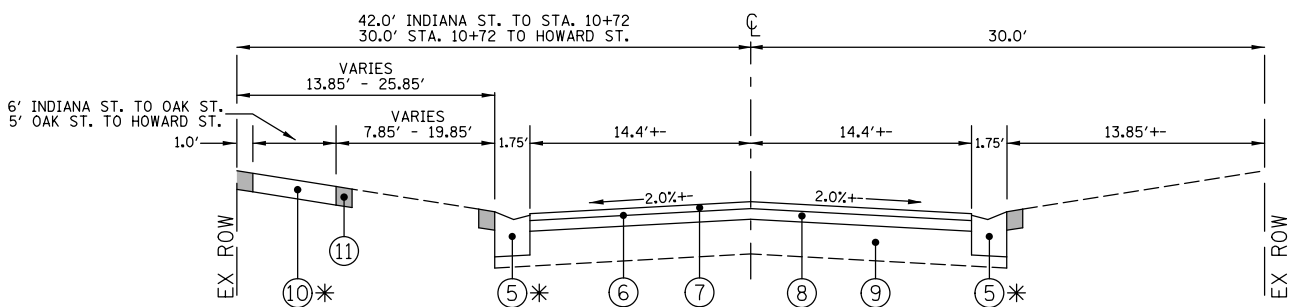
FILE NAME	USER NAME =	DESIGNED - B.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM TYPICAL STREET SECTIONS			F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - B.H.	REVISED -						20-00113-00-RS	KANE	37	5
	PLOT SCALE =	CHECKED -	REVISED -					CONTRACT NO.				
	PLOT DATE =	DATE - 1/17/2020	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT		



EXISTING TYPICAL CROSS SECTION  
SOUTH 12TH STREET, INDIANA ST. TO HOWARD ST.

- 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

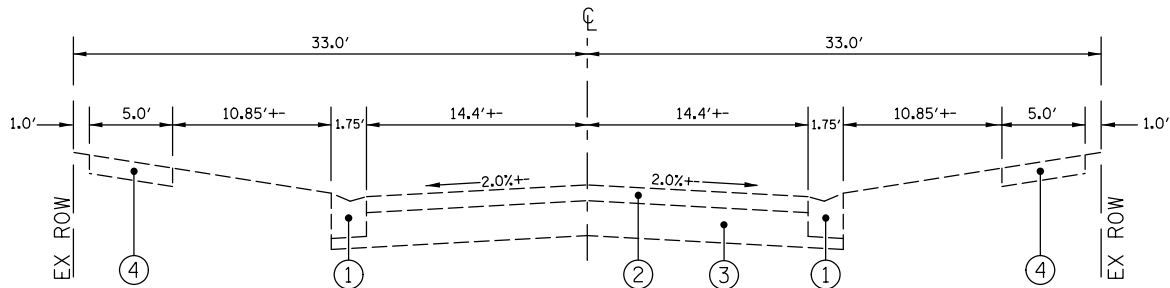
CORE: C-24



PROPOSED TYPICAL CROSS SECTION  
SOUTH 12TH STREET, INDIANA ST. TO HOWARD ST.

- ⑤ EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B MODIFIED
- ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
- ⑦ PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
- ⑧ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
- ⑨ EXISTING AGGREGATE BASE COURSE, TO REMAIN
- ⑩ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
- ⑪ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)

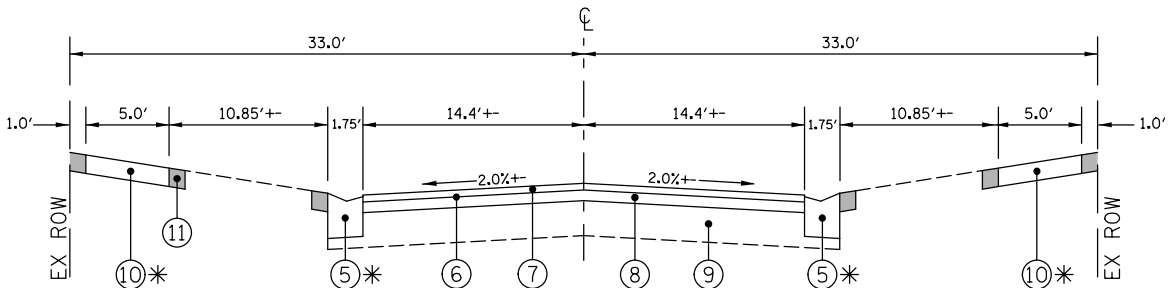
\*LOCATIONS AS SHOWN OF PLANS OR  
AS DETERMINED BY FIELD ENGINEER



EXISTING TYPICAL CROSS SECTION  
SOUTH 12TH STREET, HOWARD ST. TO PRAIRIE ST.

- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B MODIFIED
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 2-3/4"
- ③ EXISTING AGGREGATE BASE COURSE, 6-1/4"
- ④ EXISTING PCC SIDEWALK

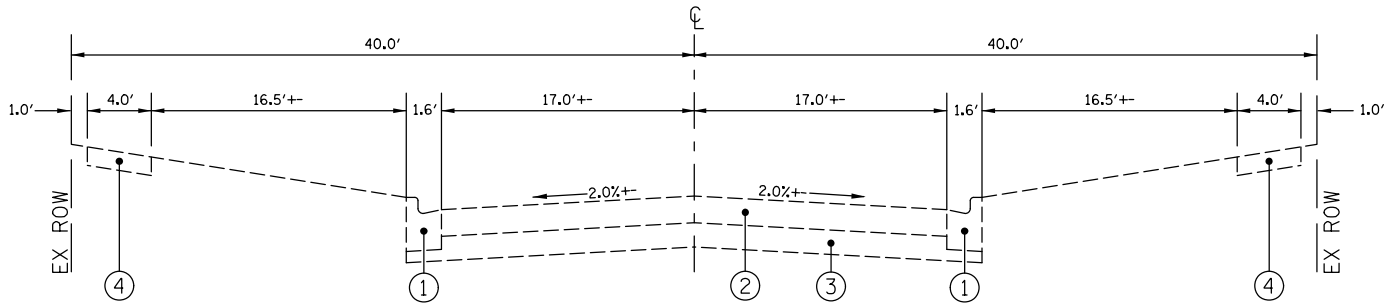
CORE: C-25



PROPOSED TYPICAL CROSS SECTION  
SOUTH 12TH STREET, HOWARD ST. TO PRAIRIE ST.

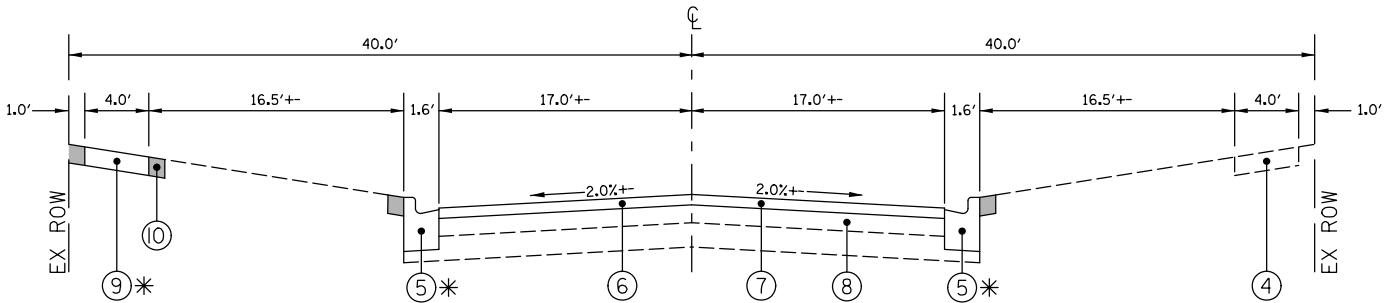
- ⑤ EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B MODIFIED
- ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
- ⑦ PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
- ⑧ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
- ⑨ EXISTING AGGREGATE BASE COURSE, TO REMAIN
- ⑩ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
- ⑪ 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  
HERITAGE STREET

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

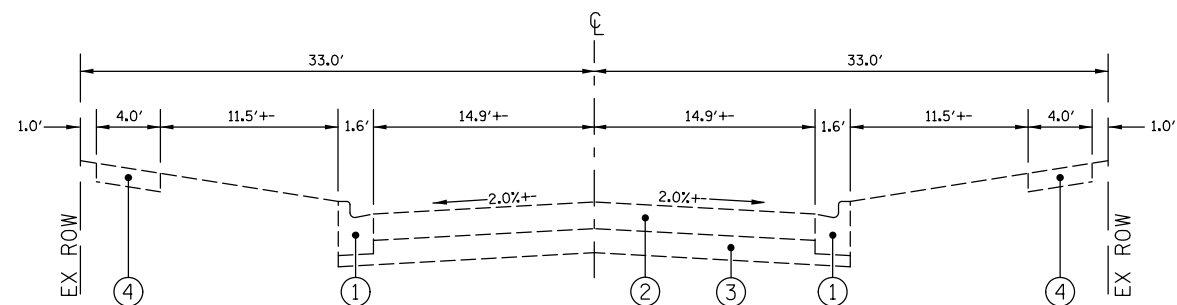


PROPOSED TYPICAL CROSS SECTION  
HERITAGE STREET

- ⑤ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- ⑧ EXISTING HOT-MIX ASPHALT BINDER COURSE, TO REMAIN
- ⑨ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
- ⑩ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)

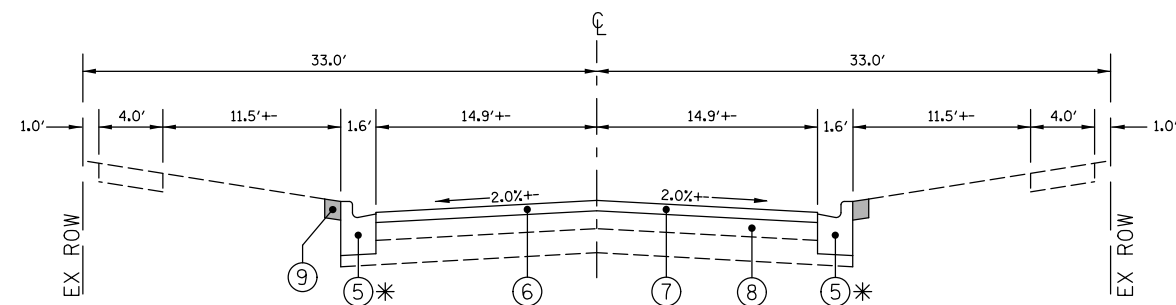
\*LOCATIONS AS SHOWN OF PLANS OR  
AS DETERMINED BY FIELD ENGINEER

FILE NAME	USER NAME =	DESIGNED - B.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM TYPICAL STREET SECTIONS				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - B.H.	REVISED -							20-00113-00-RS	KANE	37	6
	PLOT SCALE =	CHECKED -	REVISED -						CONTRACT NO.				
	PLOT DATE =	DATE - 1/17/2020	REVISED -						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	SCALE:								SHEET NO.	OF	SHEETS	STA.	TO STA.



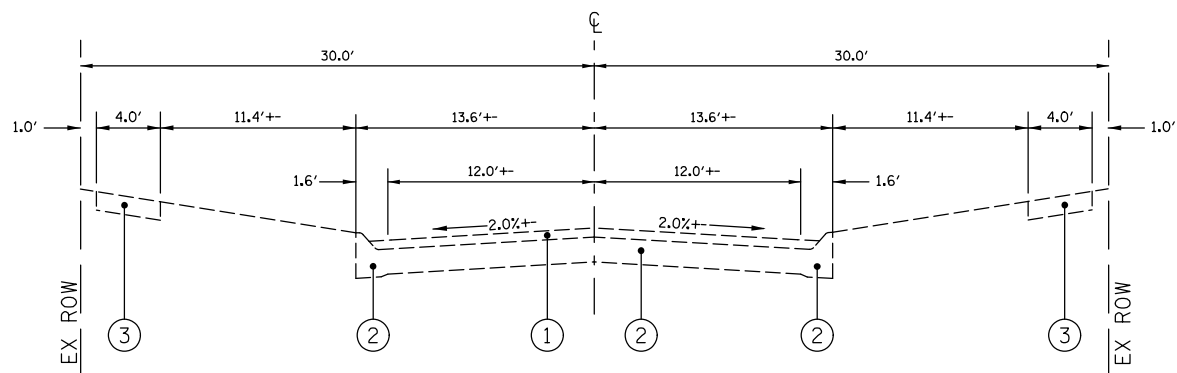
EXISTING TYPICAL CROSS SECTION  
HERITAGE COURT

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



PROPOSED TYPICAL CROSS SECTION  
HERITAGE COURT

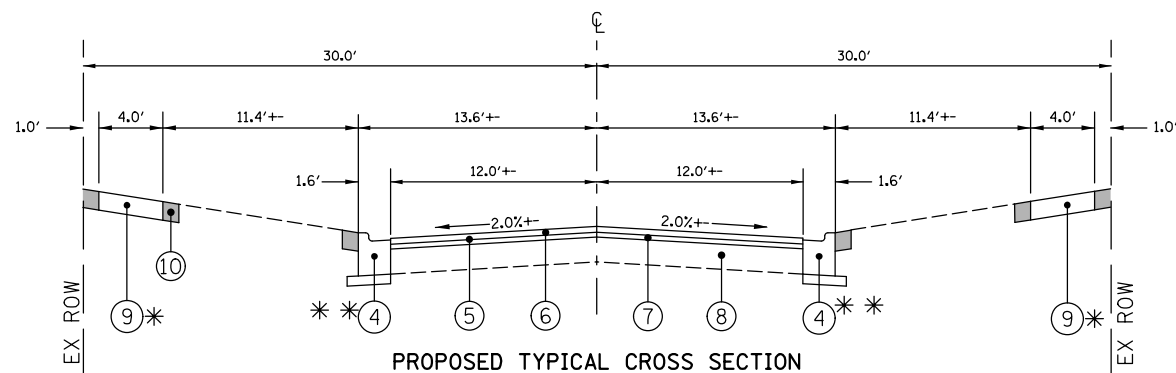
- ⑤ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- ⑧ EXISTING HOT-MIX ASPHALT BINDER COURSE, TO REMAIN
- ⑨ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER



EXISTING TYPICAL CROSS SECTION  
FAIRVIEW DRIVE, OAK ST. TO STA. 13+32

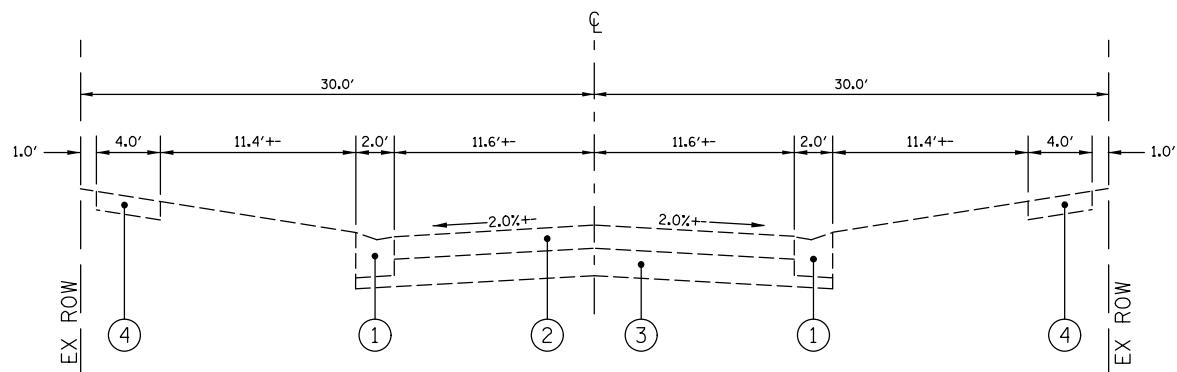
- ① EXISTING HOT-MIX ASPHALT SURFACE COURSE, 2-1/4" - 2-1/2"
- ② EXISTING MONOLITHIC PCC PAVEMENT, 6-1/2" WITH CURB & GUTTER
- ③ EXISTING PCC SIDEWALK

CORES: C-25, C-26 & C-27



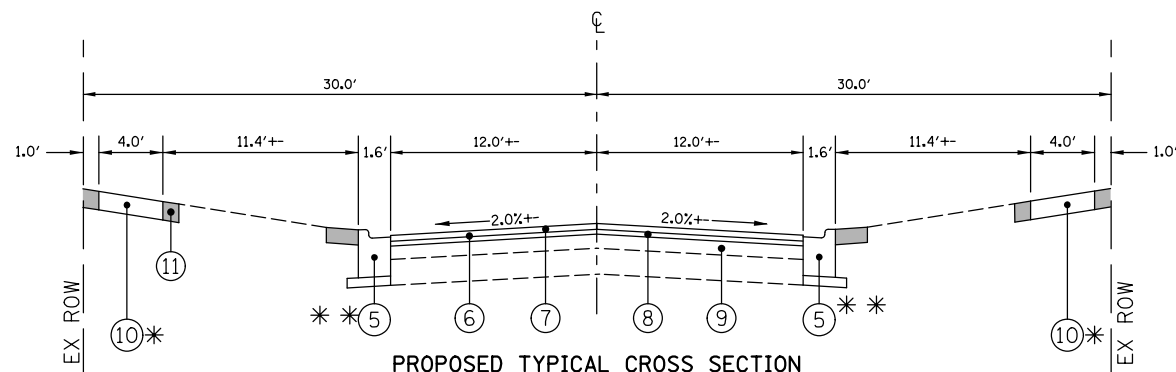
PROPOSED TYPICAL CROSS SECTION  
FAIRVIEW DRIVE, OAK ST. TO STA. 13+32

- ④ PROP. COMBINATION CONC. CURB & GUTTER CONTINUOUS, TYPE B4.12
- ⑤ HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
- ⑥ PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 1-3/4"
- ⑦ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 1"
- ⑧ EXISTING PCC PAVEMENT, TO REMAIN
- ⑨ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
- ⑩ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER
- \*CONTINUOUS REPLACEMENT



EXISTING TYPICAL CROSS SECTION  
FAIRVIEW DRIVE, STA. 13+32 TO 19TH ST.

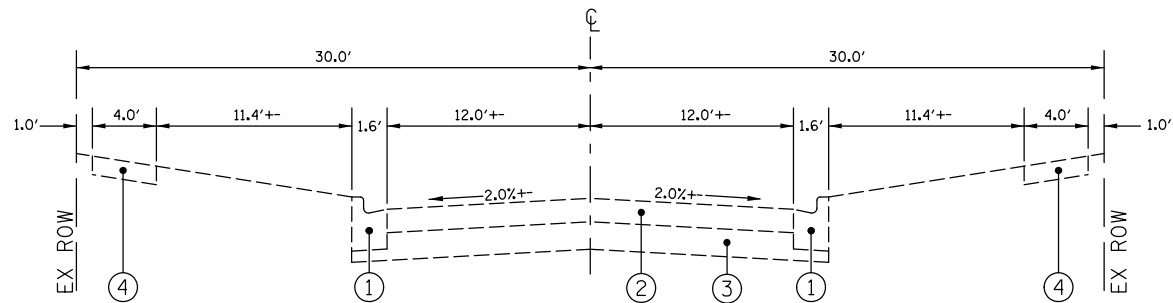
- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B MODIFIED
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 6-1/4"
- ③ EXISTING AGGREGATE BASE COURSE, 7-1/4"
- ④ EXISTING PCC SIDEWALK



PROPOSED TYPICAL CROSS SECTION  
FAIRVIEW DRIVE, STA. 13+32 TO 19TH ST.

- ⑤ PROP. COMBINATION CONC. CURB & GUTTER CONTINUOUS, TYPE B4.12
- ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
- ⑦ PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 1-3/4"
- ⑧ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 1"
- ⑨ EXISTING HOT-MIX ASPHALT BINDER COURSE, TO REMAIN
- ⑨ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
- ⑩ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER
- \*CONTINUOUS REPLACEMENT

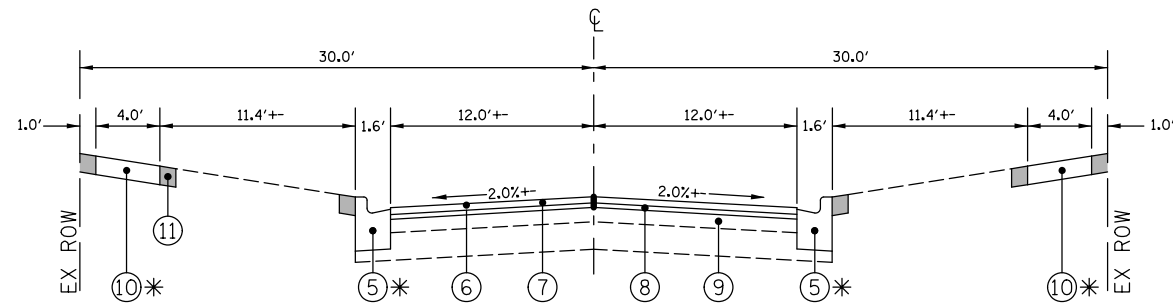
FILE NAME	USER NAME =		DESIGNED - B.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM TYPICAL STREET SECTIONS				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
			DRAWN - B.H.	REVISED -							20-00113-00-R5	KANE	37	7			
	PLOT SCALE =		CHECKED -	REVISED -						CONTRACT NO.							
	PLOT DATE =		DATE - 1/17/2020	REVISED -		SCALE:				SHEET NO.	OF	SHEETS	STA.	TO	STA.	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL CROSS SECTION  
SOUTH 19TH STREET

- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 5-1/2" TO 7"
- ③ EXISTING AGGREGATE BASE COURSE, 5" TO 8-3/4"
- ④ EXISTING PCC SIDEWALK

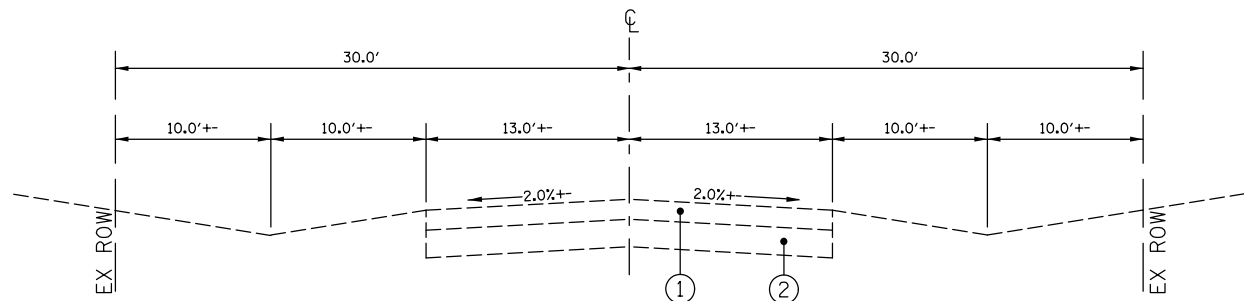
CORES: C-28, C-29 & C-30



PROPOSED TYPICAL CROSS SECTION  
SOUTH 19TH STREET

- ⑤ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- ⑧ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑨ EXISTING HOT-MIX ASPHALT BINDER COURSE, TO REMAIN
- ⑩ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
- ⑪ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)

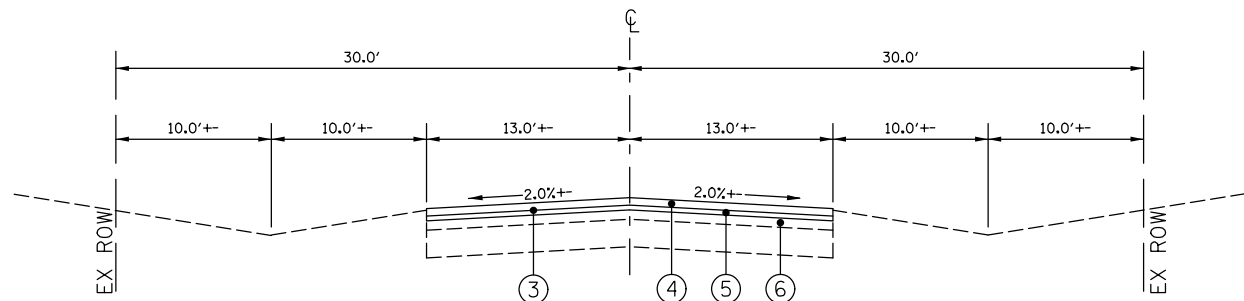
\*LOCATIONS AS SHOWN OF PLANS OR  
AS DETERMINED BY FIELD ENGINEER



EXISTING TYPICAL CROSS SECTION  
KILLDEER LANE

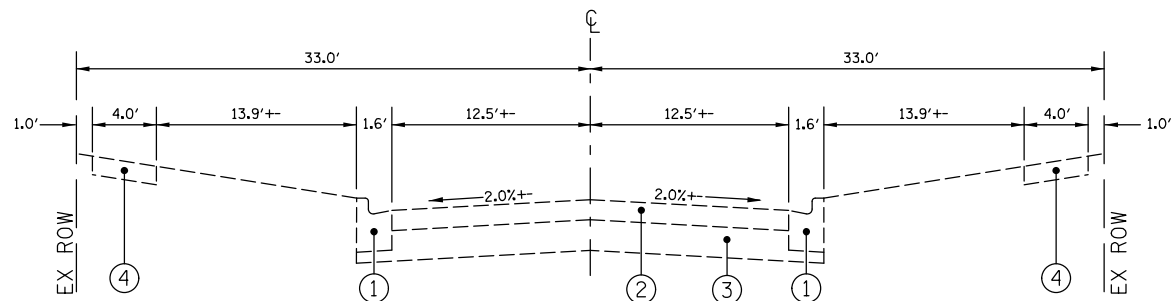
- ① EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 5" TO 6-1/2"
- ② EXISTING AGGREGATE BASE COURSE, 7" TO 7-1/2"

CORES: PC-06 & PC-07



PROPOSED TYPICAL CROSS SECTION  
KILLDEER LANE

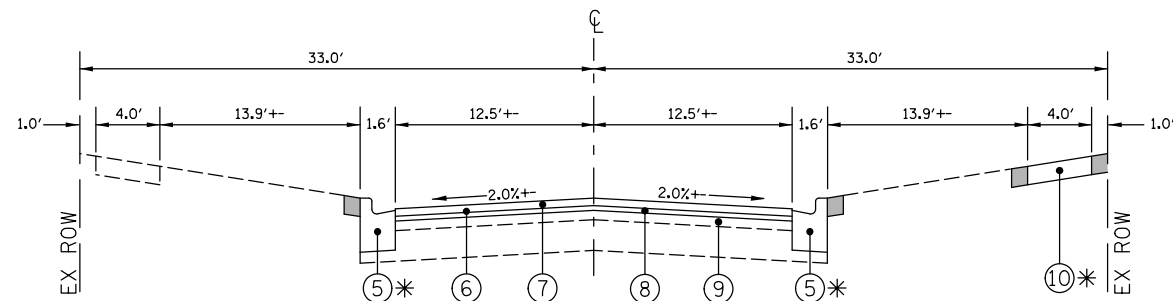
- ③ HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
- ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
- ⑤ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- ⑥ EXISTING HOT-MIX ASPHALT BINDER COURSE, TO REMAIN



EXISTING TYPICAL CROSS SECTION  
TRADITION BOULEVARD

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

CORES: PC-04 & PC-05

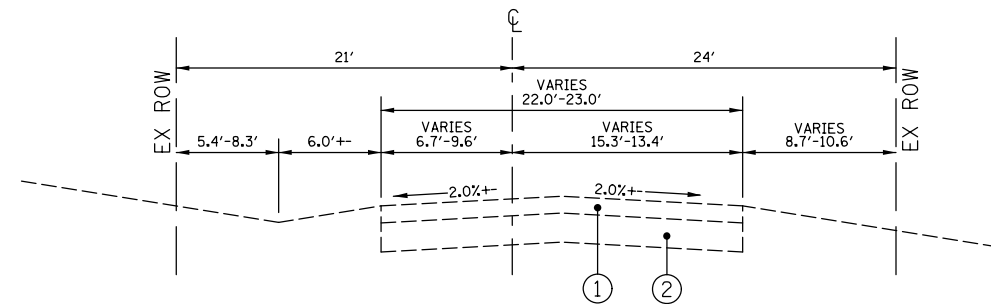


PROPOSED TYPICAL CROSS SECTION  
TRADITION BOULEVARD

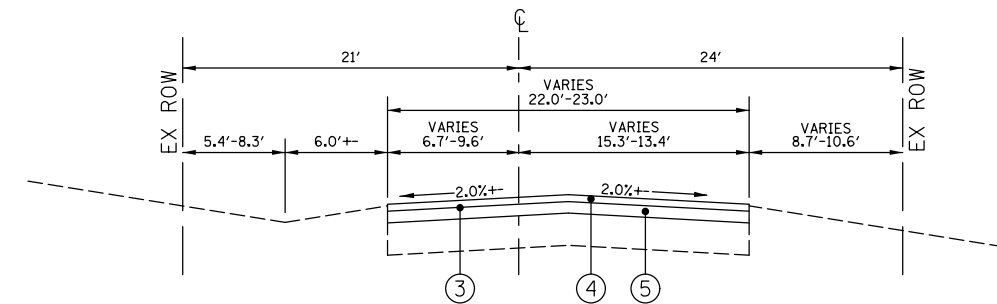
- ⑤ EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- ⑦ PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
- ⑧ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑨ EXISTING HOT-MIX ASPHALT BINDER COURSE, TO REMAIN
- ⑩ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
- ⑪ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)

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

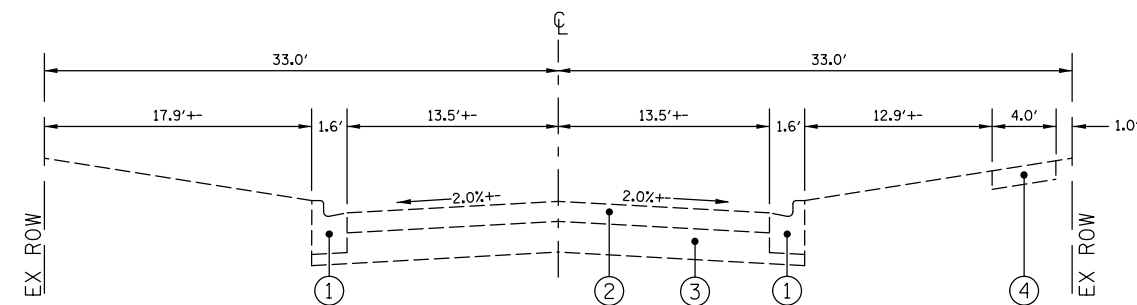
FILE NAME	USER NAME =	DESIGNED - B.H.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM TYPICAL STREET SECTIONS				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - B.H.	REVISED -							20-00113-00-RS	KANE	37	8
	PLOT SCALE =	CHECKED -	REVISED -						CONTRACT NO.				
	PLOT DATE =	DATE - 1/17/2020	REVISED -						FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT				
	SCALE:		SHEET NO.										



- ① EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 3-1/2"
- ② EXISTING AGGREGATE BASE COURSE, 6"

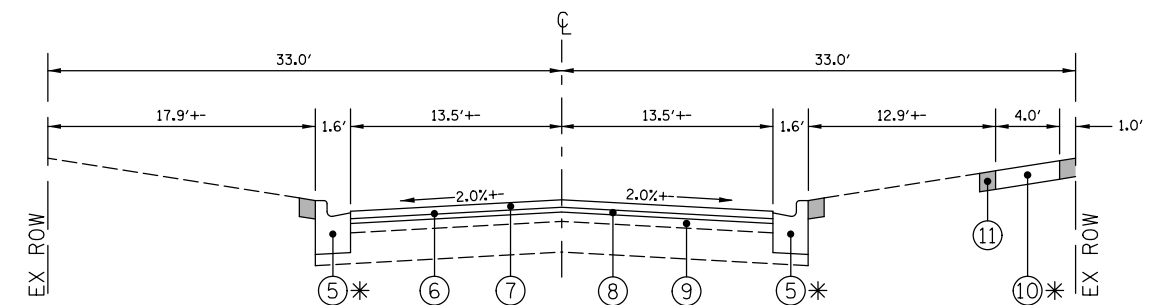


- ③ HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/2"
- ④ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
- ⑤ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"

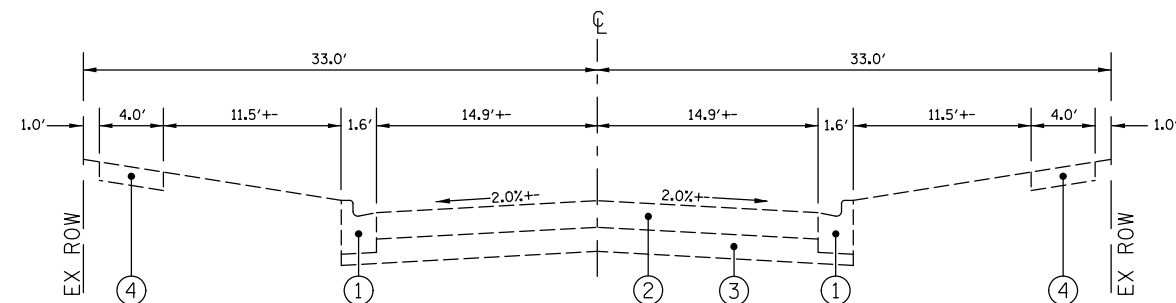


- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 10-1/2" TO 11"
- ③ EXISTING AGGREGATE BASE COURSE, 0" TO 5-1/2"
- ④ EXISTING PCC SIDEWALK

CORES: PC-15 & PC-16

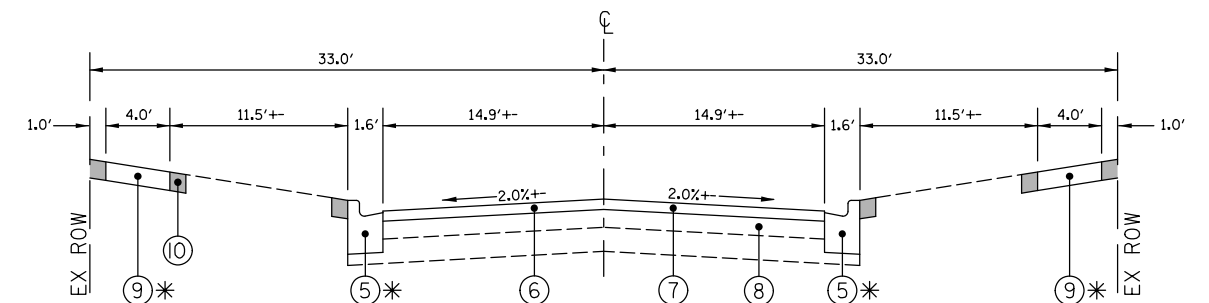


- |   |   |   |   |
|---|---|---|---|
| ⑤ | EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12           | ⑩ | PROPOSED 5" PCC SIDEWALK<br>6" THROUGH DRIVEWAYS<br>2% MAX. CROSS SLOPE |
| ⑥ | HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"                           |   |   |
| ⑦ | PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2" | ⑪ | PARKWAY TO BE RESTORED WITH<br>4" TOPSOIL AND SEED (TYP)                |
| ⑧ | PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"        |   |   |
| ⑨ | EXISTING HOT-MIX ASPHALT BINDER COURSE, TO REMAIN                 |   |   |
- \*LOCATIONS AS SHOWN OF PLANS OR  
AS DETERMINED BY FIELD ENGINEER



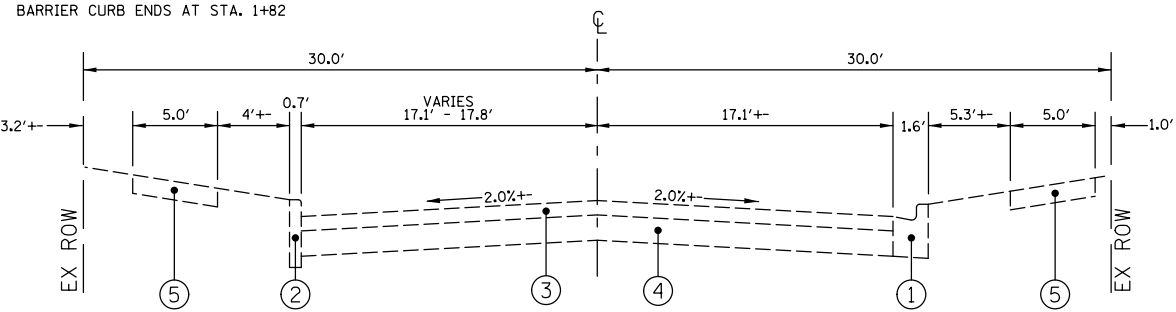
- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 7"
- ③ EXISTING AGGREGATE BASE COURSE, 5" - 7"
- ④ EXISTING PCC SIDEWALK

CORES: PC-08, PC-09 & PC-10



- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>⑤ PROPOSED COMBINATION CONCRETE CURB &amp; GUTTER, TYPE B6.12</li> <li>⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 1-3/4"</li> <li>⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"</li> <li>⑧ EXISTING HOT-MIX ASPHALT BINDER COURSE, TO REMAIN</li> </ul> | <ul style="list-style-type: none"> <li>⑨ PROPOSED 5" PCC SIDEWALK<br/>6" THROUGH DRIVEWAYS<br/>2% MAX. CROSS SLOPE</li> <li>⑩ PARKWAY TO BE RESTORED WITH<br/>4" TOPSOIL AND SEED (TYP)</li> </ul> |
|  | *LOCATIONS AS SHOWN OF PLANS OR<br>AS DETERMINED BY FIELD ENGINEER   |

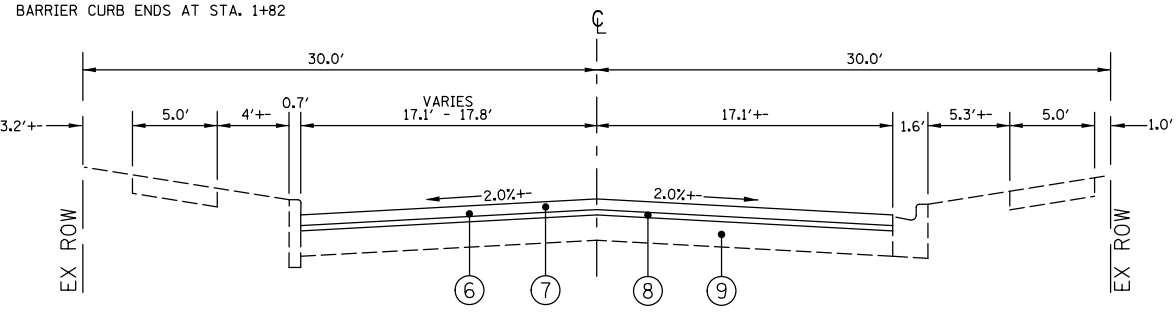
FILE NAME	USER NAME =	DESIGNED - B.H.	REVISED -	<div style="text-align: center;"> <b>STATE OF ILLINOIS</b>  <b>DEPARTMENT OF TRANSPORTATION</b> </div>	<div style="text-align: center;"> <b>2020 MFT REHABILITATION PROGRAM</b>  <b>TYPICAL STREET SECTIONS</b> </div>	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - B.H.	REVISED -				20-00113-00-RS	KANE	37	9
	PLOT SCALE =	CHECKED -	REVISED -							
	PLOT DATE =	DATE - 1/17/2020	REVISED -							
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
				CONTRACT NO.						



EXISTING TYPICAL CROSS SECTION  
NORTH 2ND AVENUE

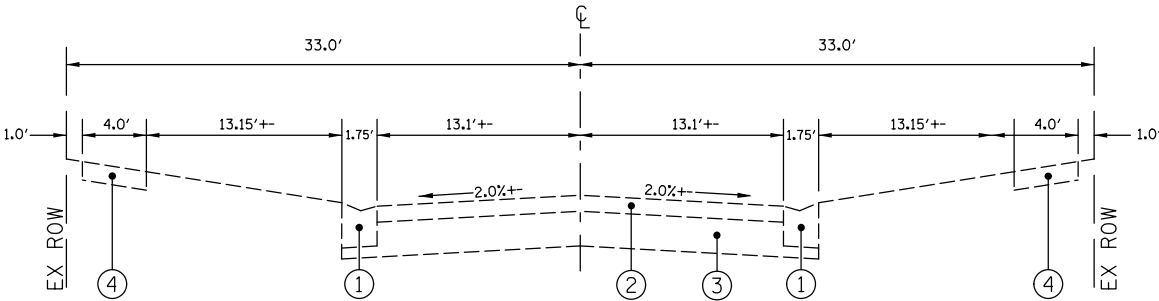
- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B6.12
- ② EXISTING CONCRETE BARRIER CURB, TYPE B
- ③ EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 3"
- ④ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 8"
- ⑤ EXISTING PCC SIDEWALK

CORE: C-18



PROPOSED TYPICAL CROSS SECTION  
NORTH 2ND AVENUE

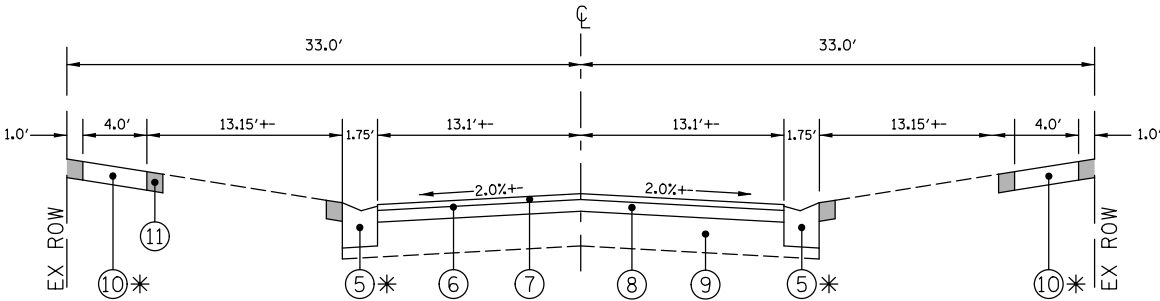
- ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2-1/4"
- ⑧ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"
- ⑨ EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, TO REMAIN



EXISTING TYPICAL CROSS SECTION  
EDWARD AVENUE

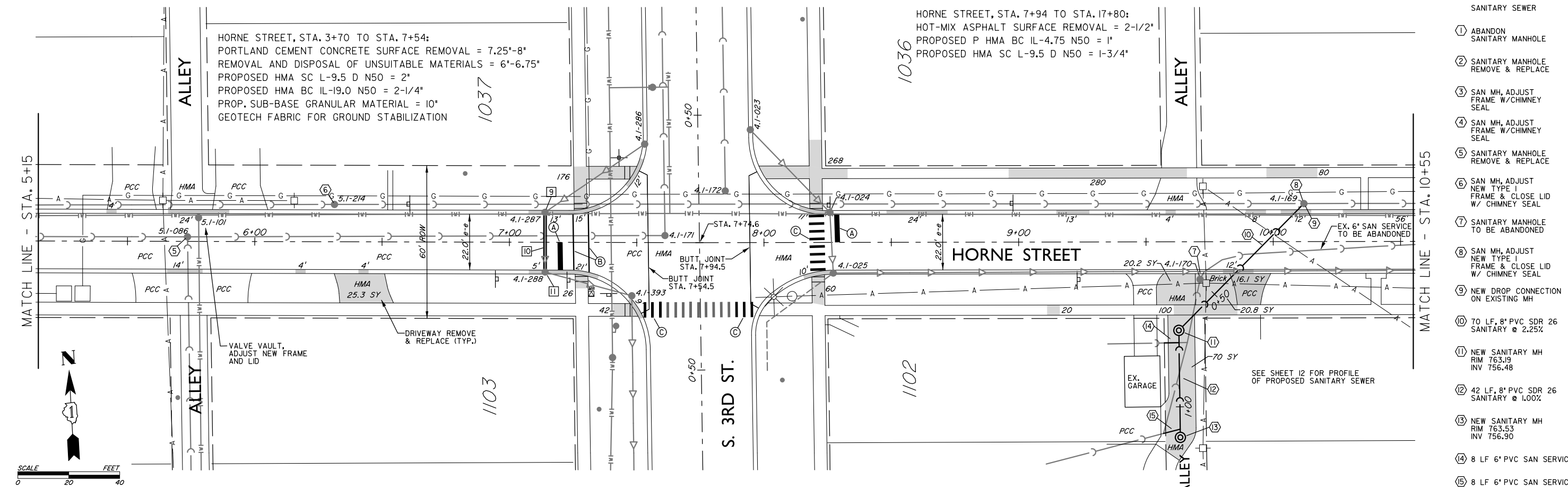
- ① EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B MODIFIED
- ② EXISTING HOT-MIX ASPHALT SURFACE & BINDER COURSE, 5" TO 9-1/2"
- ③ EXISTING AGGREGATE BASE COURSE, 5" TO 6-1/2"
- ④ EXISTING PCC SIDEWALK

CORES: C-26 & C-27



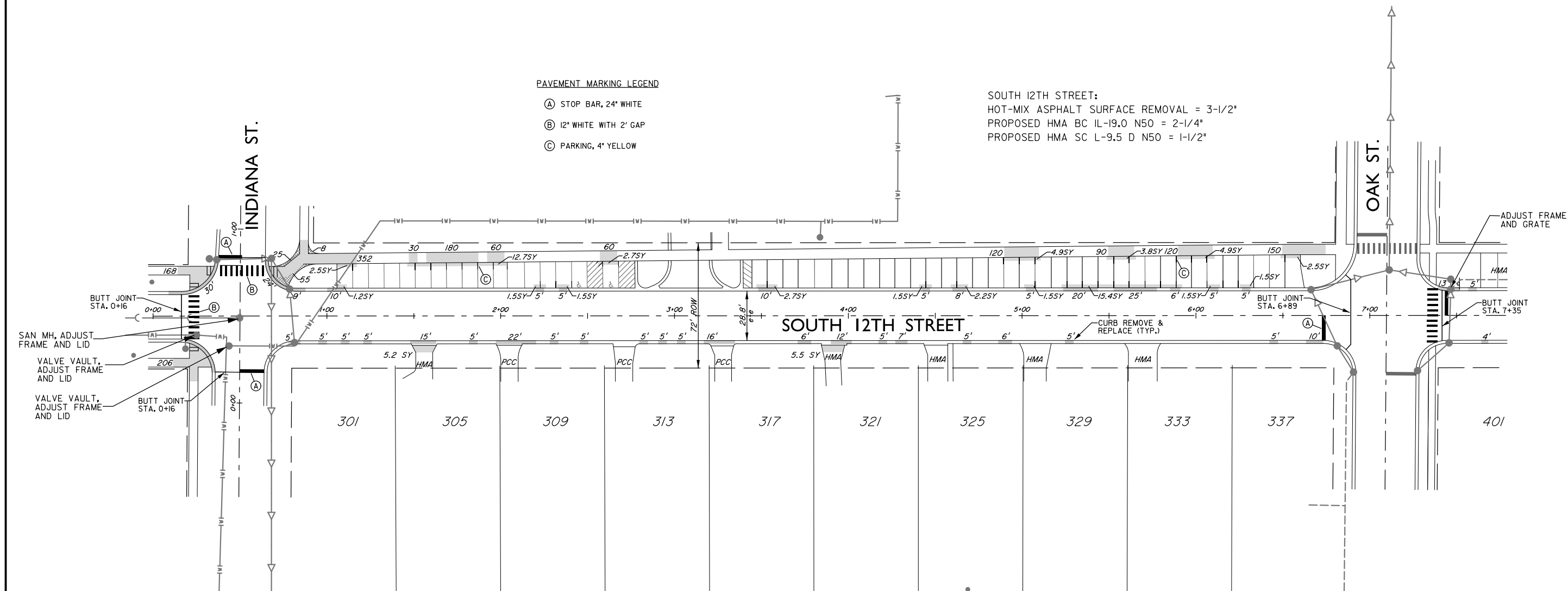
PROPOSED TYPICAL CROSS SECTION  
EDWARD AVENUE

- ⑤ EXISTING COMBINATION CONCRETE CURB & GUTTER, TYPE B MODIFIED
  - ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
  - ⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"
  - ⑧ PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
  - ⑨ EXISTING AGGREGATE BASE COURSE, TO REMAIN
  - ⑩ PROPOSED 5" PCC SIDEWALK 6" THROUGH DRIVEWAYS 2% MAX. CROSS SLOPE
  - ⑪ PARKWAY TO BE RESTORED WITH 4" TOPSOIL AND SEED (TYP)
- \*LOCATIONS AS SHOWN OF PLANS OR AS DETERMINED BY FIELD ENGINEER

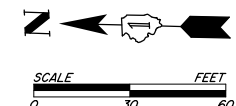


FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM HORNE STREET			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BH	REVISED -						20-0013-00-RS	KANE	37	11
	PLOT SCALE =	CHECKED -	REVISED -					CONTRACT NO.				
	PLOT DATE =	DATE - 1/17/2020	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA. TO STA.	FED. ROAD DIST. NO.1	ILLINOIS	FED. AID PROJECT	



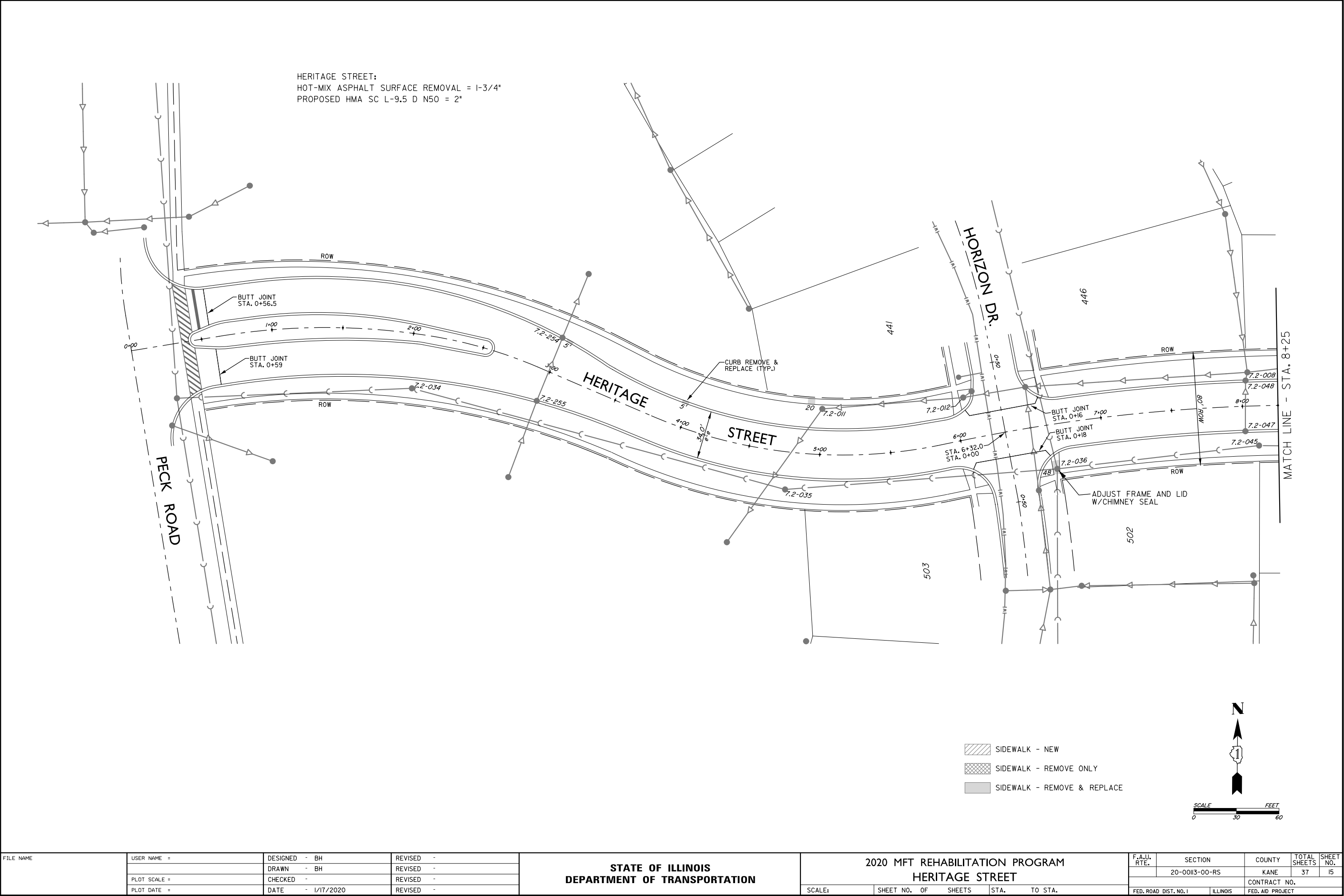


- SIDEWALK - NEW
- SIDEWALK - REMOVE ONLY
- SIDEWALK - REMOVE & REPLACE



FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM SOUTH 12TH STREET			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BH	REVIS	REVIS						20-0013-00-RS	KANE	37	13
	PLOT SCALE =	CHECKED -	REVIS					CONTRACT NO.				
	PLOT DATE =	DATE - 1/17/2020	REVIS		SCALE:	SHEET NO. OF	SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	





FILE NAME	USER NAME =	DESIGNED - BH	REVISED -
		DRAWN - BH	REVISED -
	PLOT SCALE =	CHECKED -	REVISED -
	PLOT DATE =	DATE - 1/17/2020	REVISED -

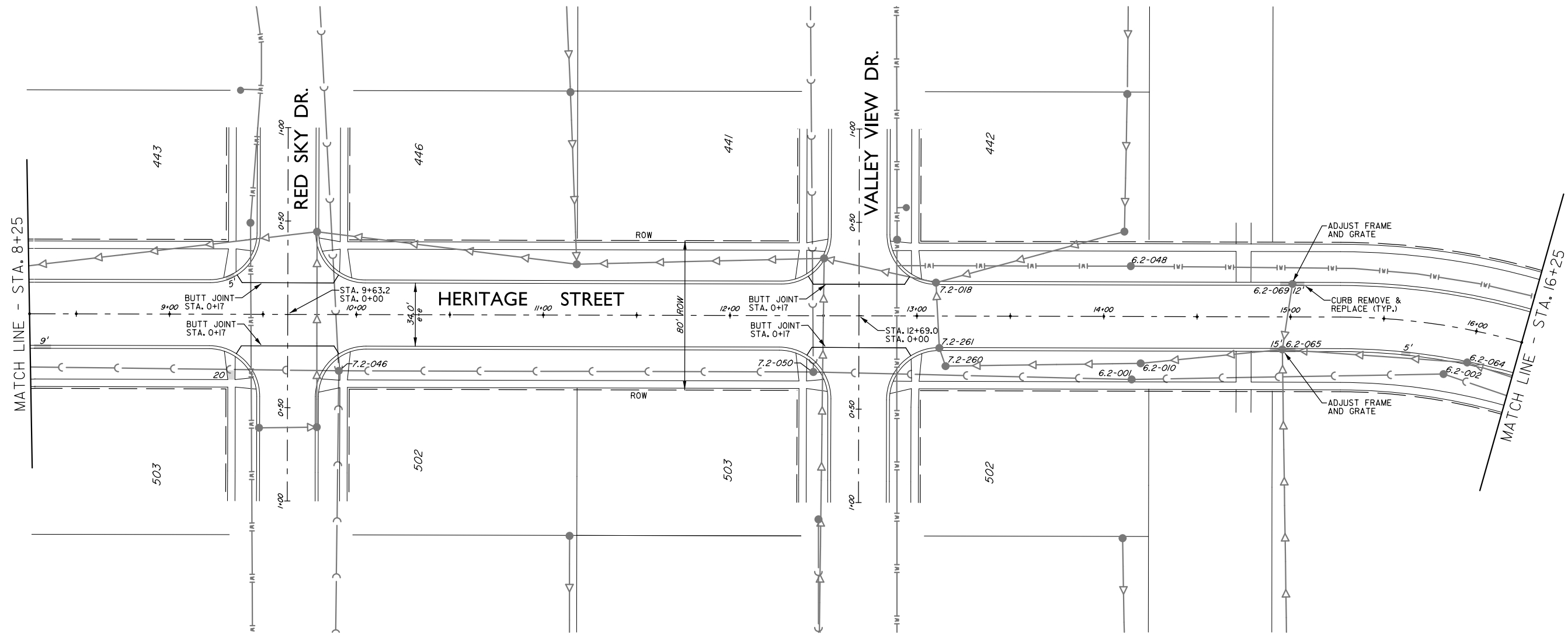
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

2020 MFT REHABILITATION PROGRAM  
HERITAGE STREET

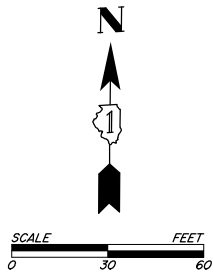
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	20-0013-00-RS	KANE	37	15
CONTRACT NO.				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

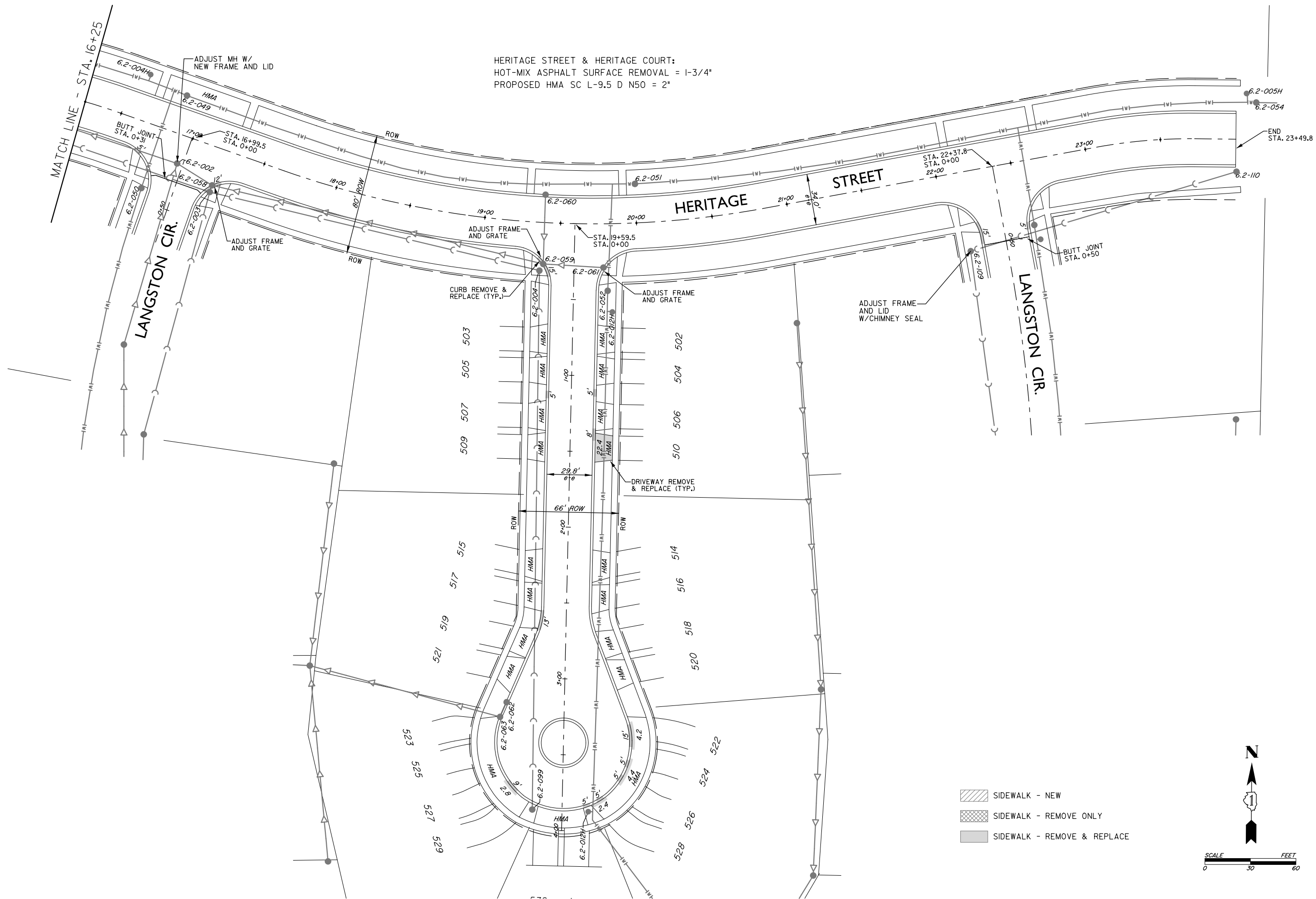
HERITAGE STREET:  
HOT-MIX ASPHALT SURFACE REMOVAL = 1-3/4"  
PROPOSED HMA SC L-9.5 D N50 = 2"



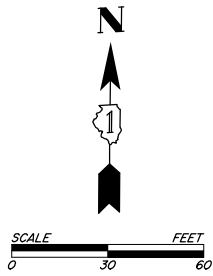
- SIDEWALK - NEW
- SIDEWALK - REMOVE ONLY
- SIDEWALK - REMOVE & REPLACE



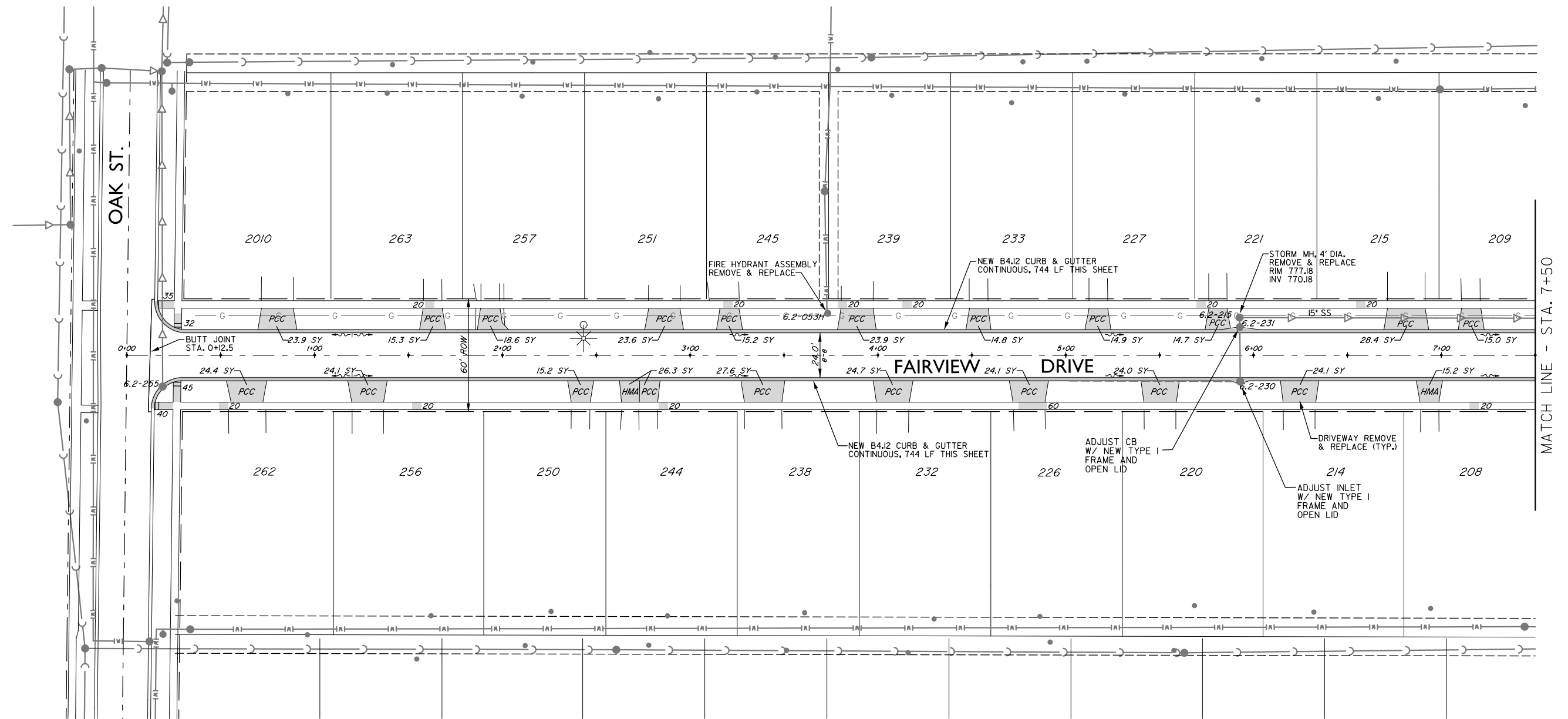
FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM HERITAGE STREET			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - BH	REVISED -						20-0013-00-RS	KANE	37	16
	PLOT DATE =	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO.				
		DATE - 1/17/2020	REVISED -					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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

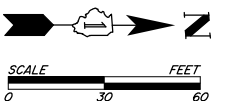


FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM HERITAGE STREET & COURT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - BH	REVISED -						20-0013-00-RS	KANE	37	17
	PLOT DATE =	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO.				
		DATE - 1/17/2020	REVISED -					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

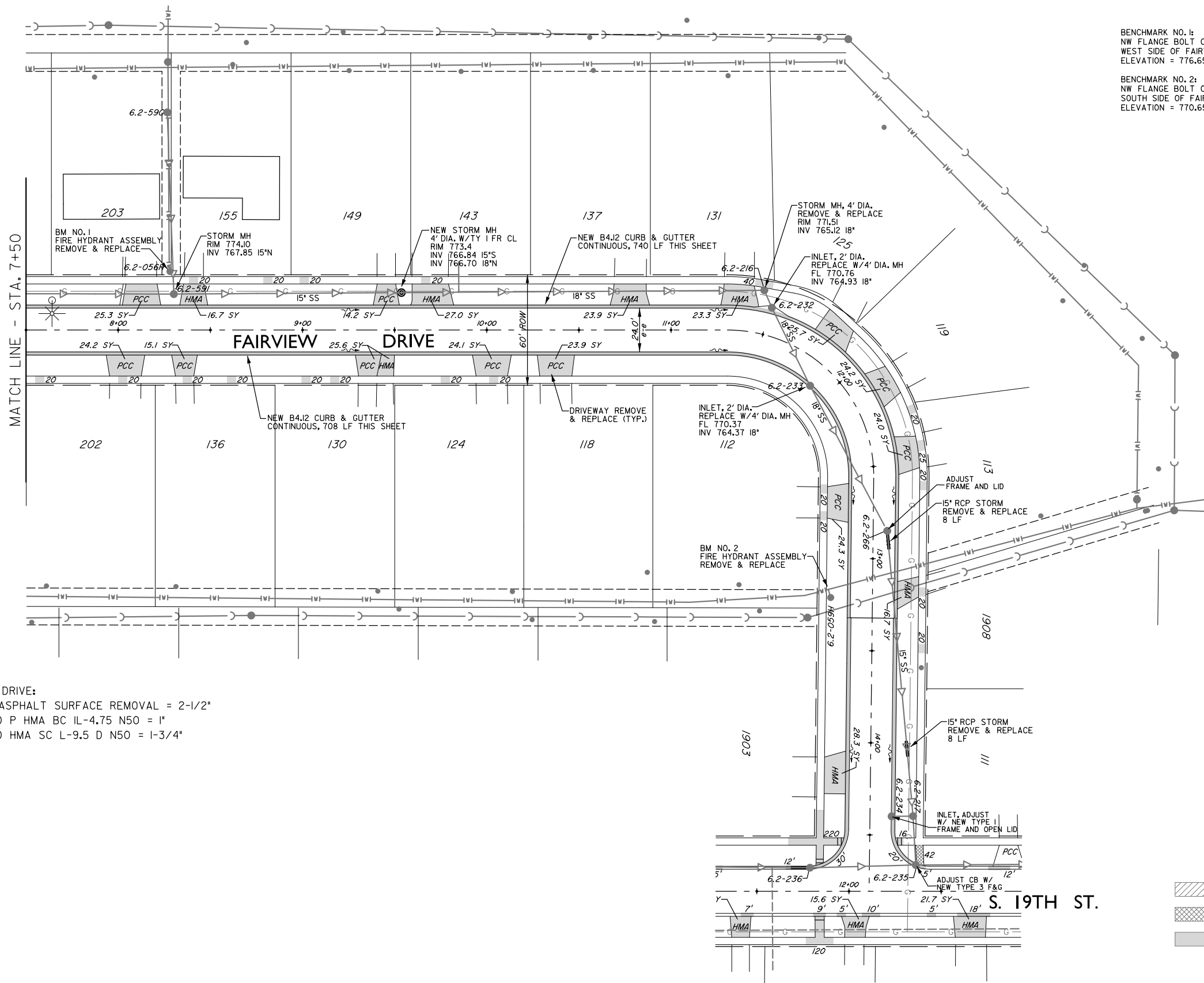


FAIRVIEW DRIVE:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2-1/2"  
PROPOSED P HMA BC IL-4.75 N50 = 1"  
PROPOSED HMA SC L-9.5 D N50 = 1-3/4"

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



FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM FAIRVIEW DRIVE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BH	REVISED -						20-0013-00-RS	KANE	37	18
	PLOT SCALE =	CHECKED -	REVISED -					CONTRACT NO.				
	PLOT DATE =	DATE - 1/17/2020	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	



BENCHMARK NO. 1:  
NW FLANGE BOLT ON FIRE HYDRANT 6.2-056H ON THE  
WEST SIDE OF FAIRVIEW DRIVE AT STATION 8+28.  
ELEVATION = 776.65 (NAVD88)

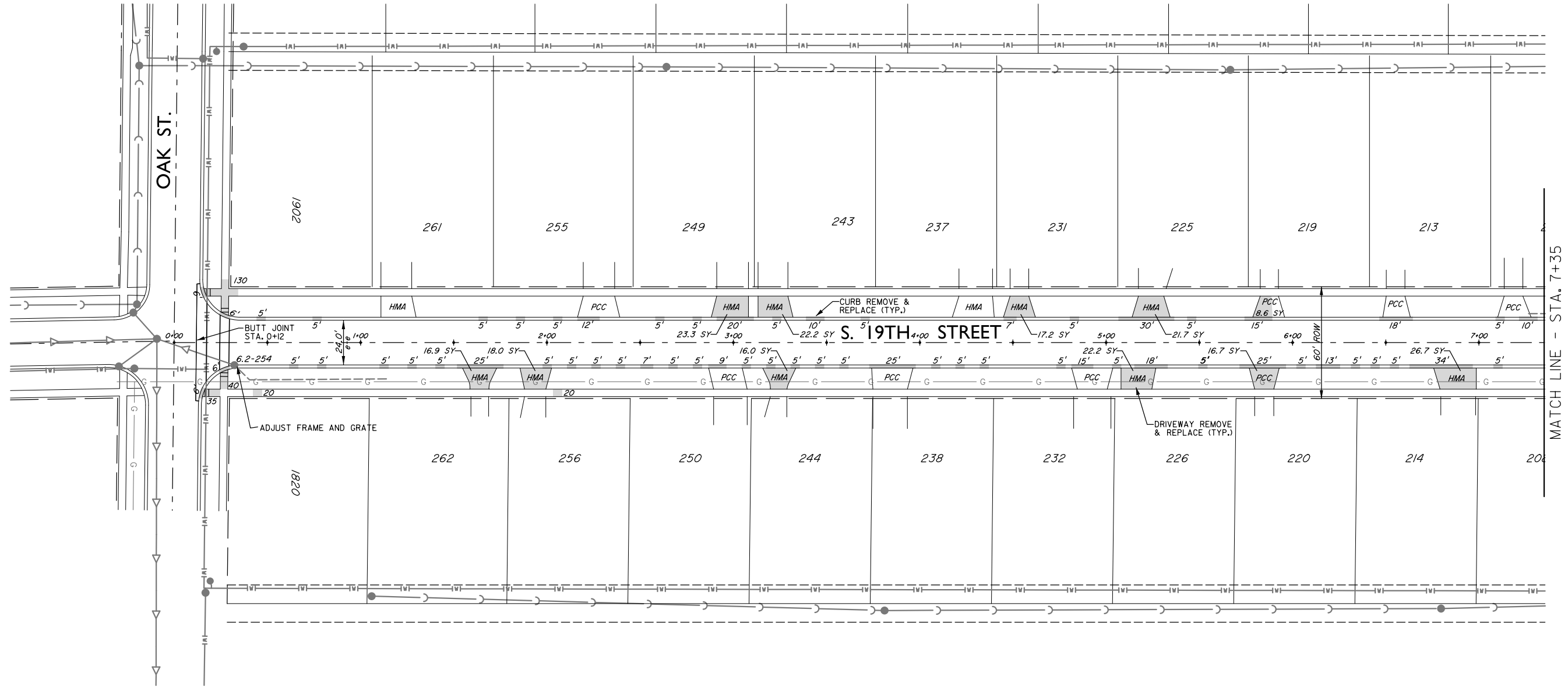
BENCHMARK NO. 2:  
NW FLANGE BOLT ON FIRE HYDRANT 6.2-059H ON THE  
SOUTH SIDE OF FAIRVIEW DRIVE AT STATION 13+21.  
ELEVATION = 770.65 (NAVD88)




FAIRVIEW DRIVE:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2-1/2"  
PROPOSED P HMA BC IL-4.75 N50 = 1"  
PROPOSED HMA SC L-9.5 D N50 = 1-3/4"

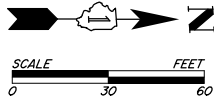
S. 19TH ST.

FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM FAIRVIEW DRIVE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BH		REVISED -						20-0013-00-RS	KANE	37	19
	PLOT SCALE =	CHECKED -	REVISED -					CONTRACT NO.				
	PLOT DATE =	DATE - 1/17/2020	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

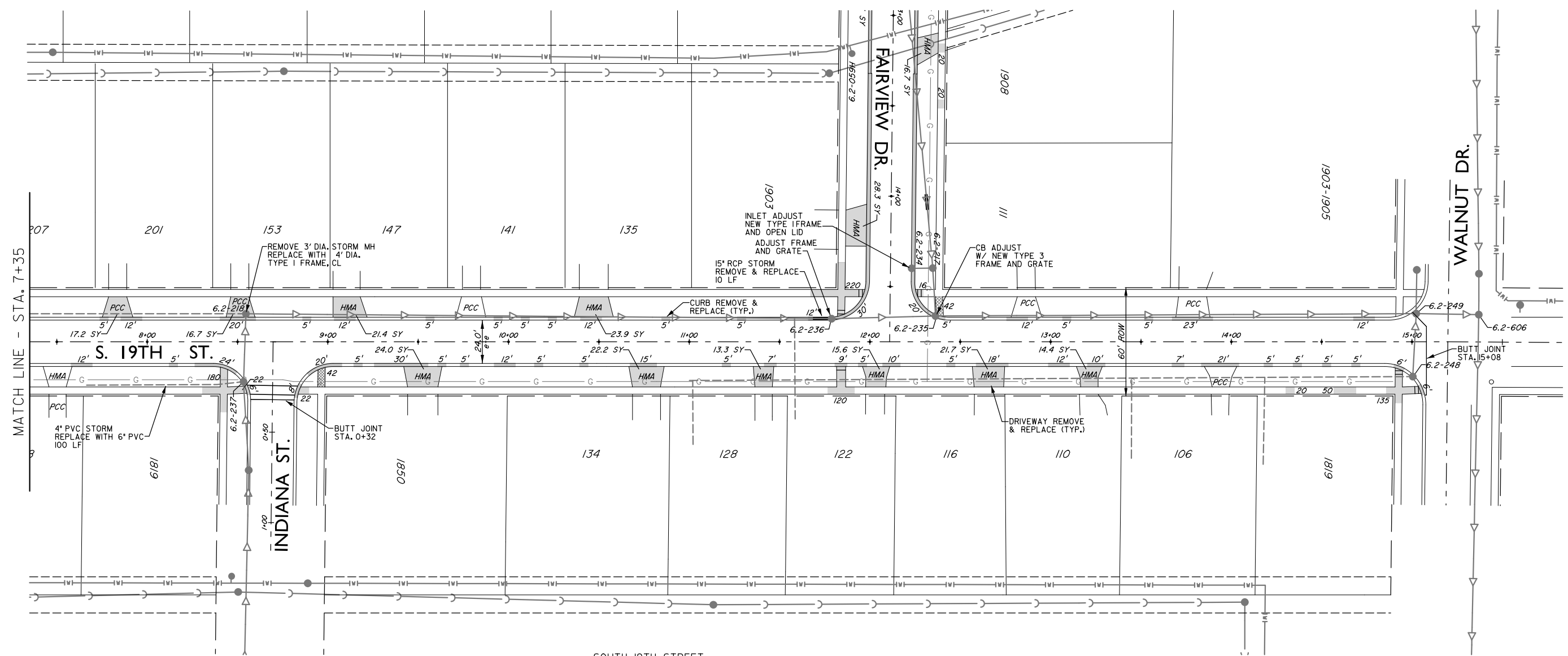
SOUTH 19TH STREET:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2-1/2"  
PROPOSED P HMA BC IL-4.75 N50 = 3/4"  
PROPOSED HMA SC L-9.5 D N50 = 2"



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

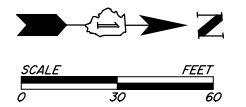


FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM SOUTH 19TH STREET			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - BH	REVISED -						20-0013-00-RS	KANE	37	20
	PLOT DATE =	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO.				
		DATE - 1/17/2020	REVISED -					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

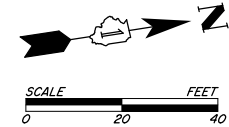
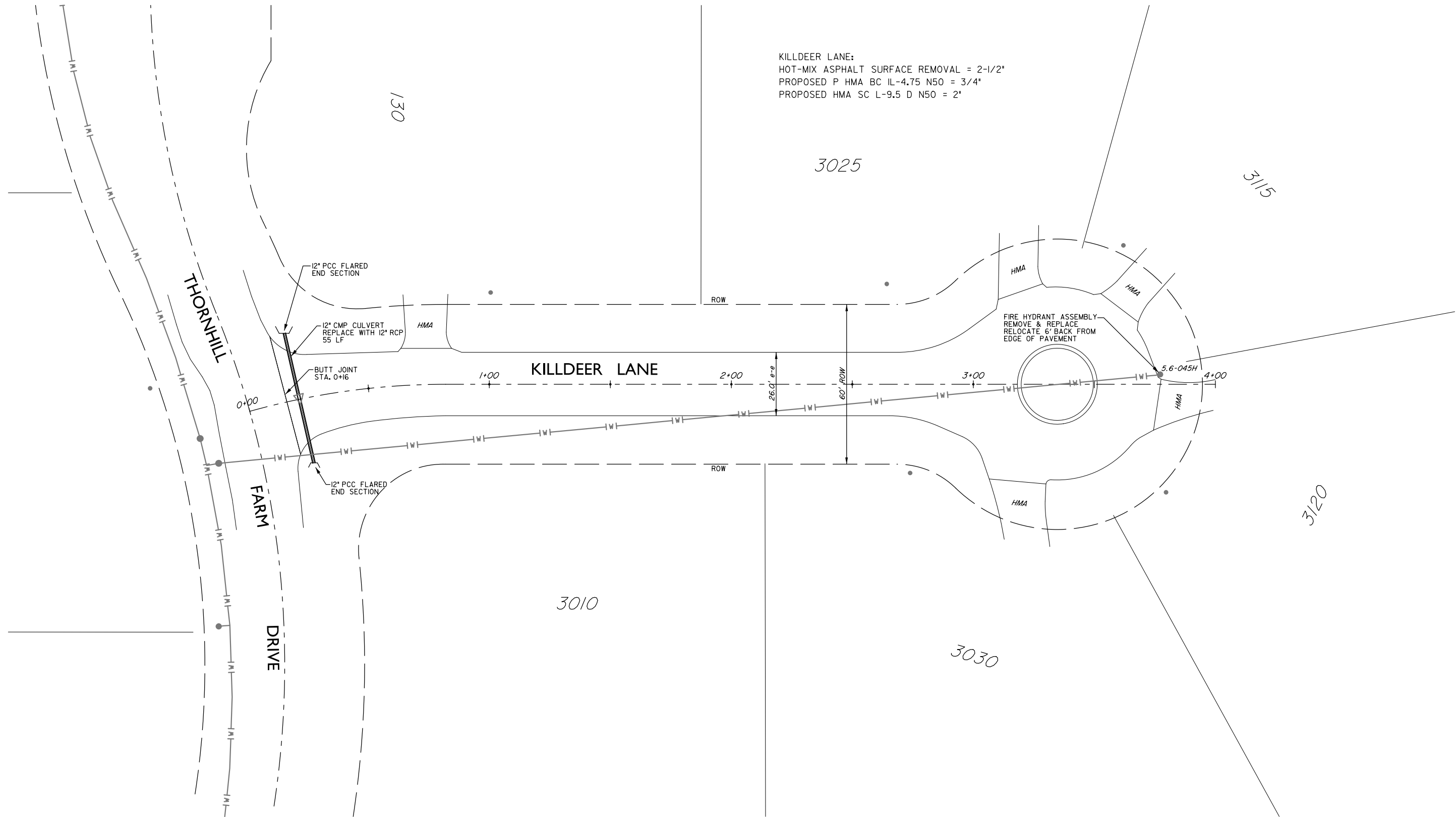


SOUTH 19TH STREET:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2-1/2"  
PROPOSED P HMA BC IL-4.75 N50 = 3/4"  
PROPOSED HMA SC L-9.5 D N50 = 2"

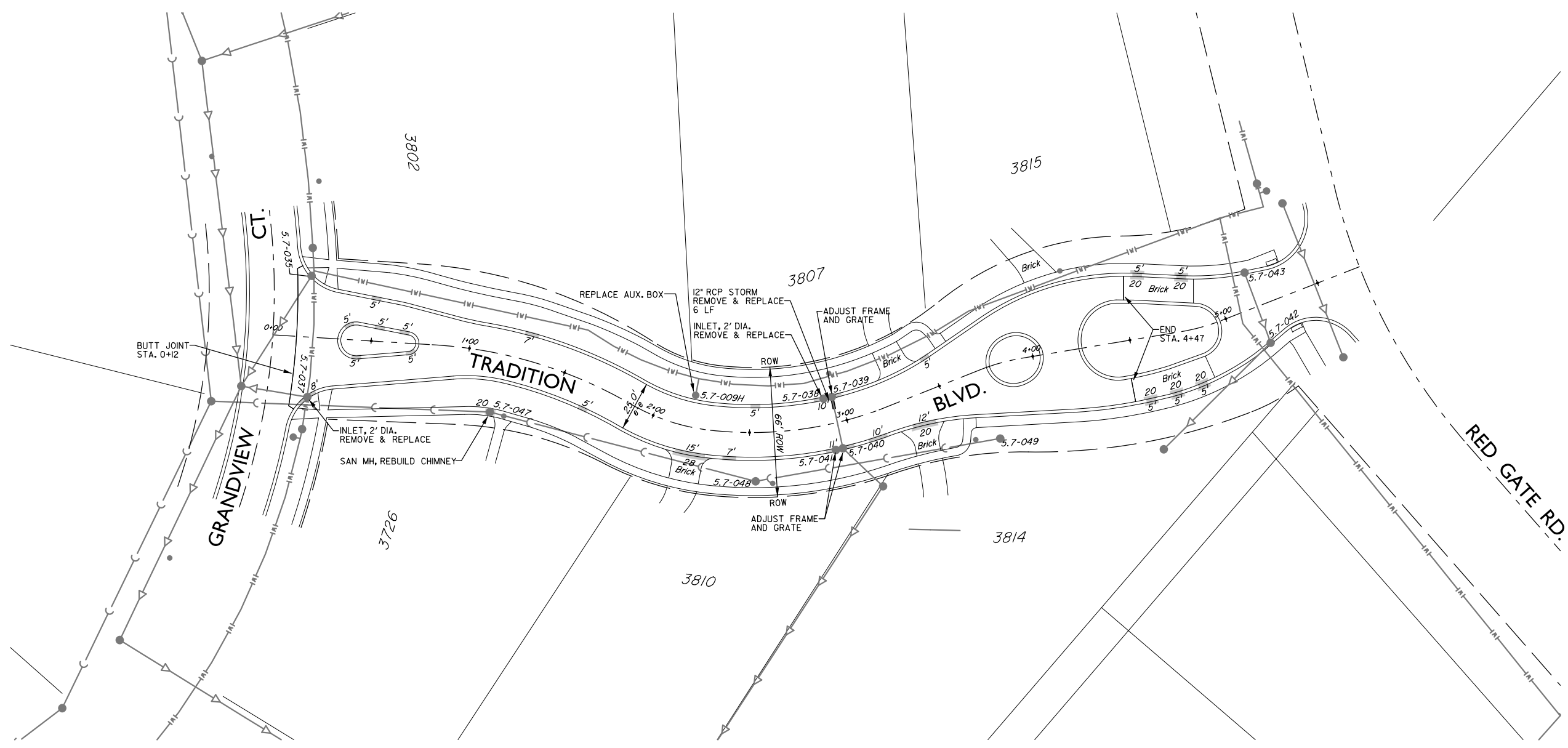
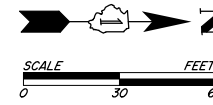
- SIDEWALK - NEW
- SIDEWALK - REMOVE ONLY
- SIDEWALK - REMOVE & REPLACE



FILE NAME	USER NAME =		DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM SOUTH 19TH STREET			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BH		CHECKED -	REVISED -						20-0013-00-RS	KANE	37	21
	PLOT SCALE =		DATE - 1/17/2020	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO.				
	PLOT DATE =								FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



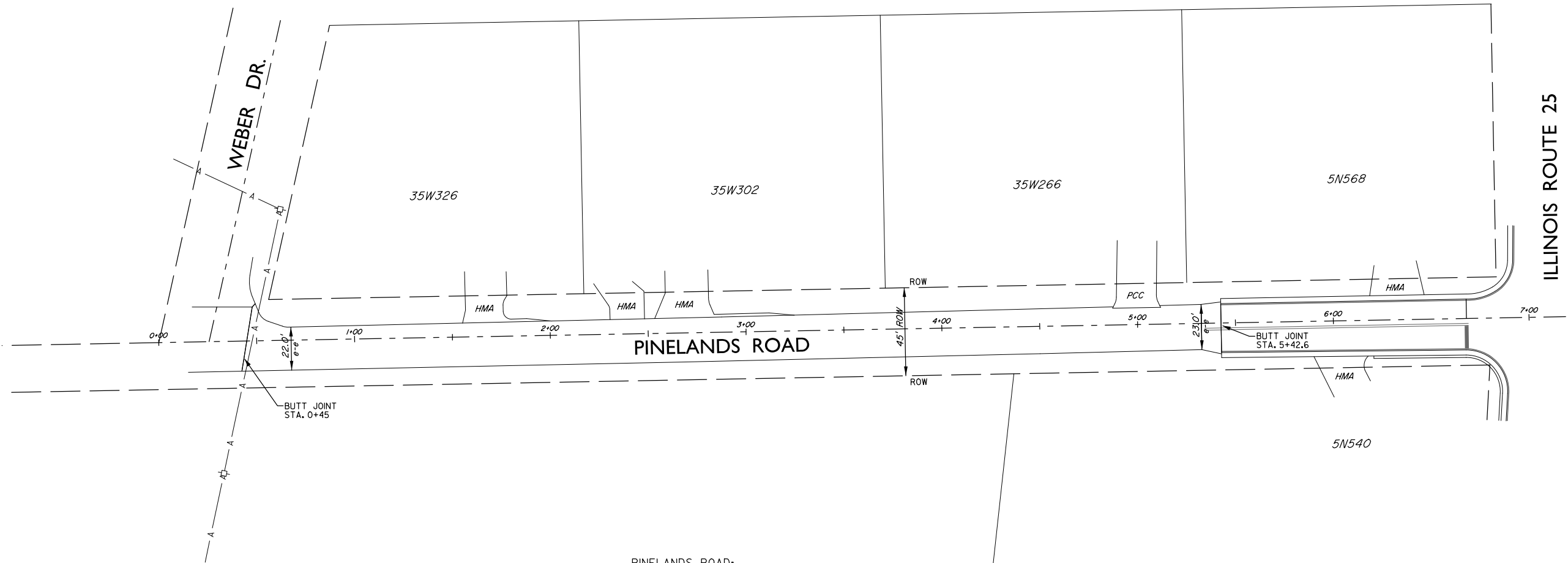
FILE NAME	USER NAME =		DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM KILLDEER LANE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BH		CHECKED -	REVISED -						20-0013-00-RS	KANE	37	22
	PLOT SCALE =		DATE - 1/17/2020	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO.				
	PLOT DATE =								FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



TRADITION BOULEVARD.:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2"  
PROPOSED P HMA BC IL-4.75 N50 = 3/4"  
PROPOSED HMA SC L-9.5 D N50 = 1-1/2"

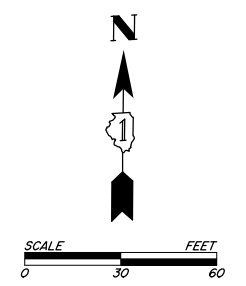
- SIDEWALK - NEW
- SIDEWALK - REMOVE ONLY
- SIDEWALK - REMOVE & REPLACE

FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM TRADITION BOULEVARD			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BH	REVISED -						20-0013-00-RS	KANE	37	23
	PLOT SCALE =	CHECKED -	REVISED -					CONTRACT NO.				
	PLOT DATE =	DATE - 1/17/2020	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	

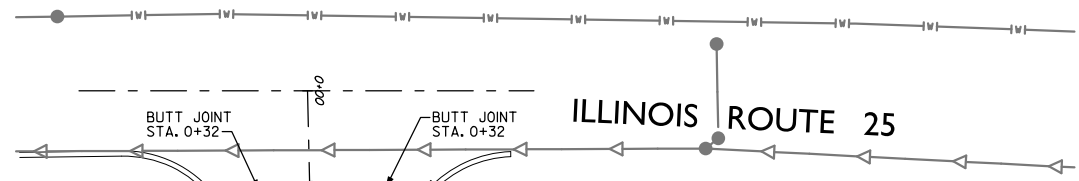


PINELANDS ROAD:  
HOT-MIX ASPHALT SURFACE REMOVAL = 3-1/2"  
PROPOSED HMA BC IL-19.0 N50 = 2-1/4"  
PROPOSED HMA SC L-9.5 D N50 = 1-1/2"

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

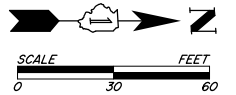


FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM PINELANDS ROAD			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - BH	REVISED -						20-00113-00-RS	KANE	37	24
	PLOT SCALE =	CHECKED -	REVISED -					CONTRACT NO.				
	PLOT DATE =	DATE - 1/17/2020	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	

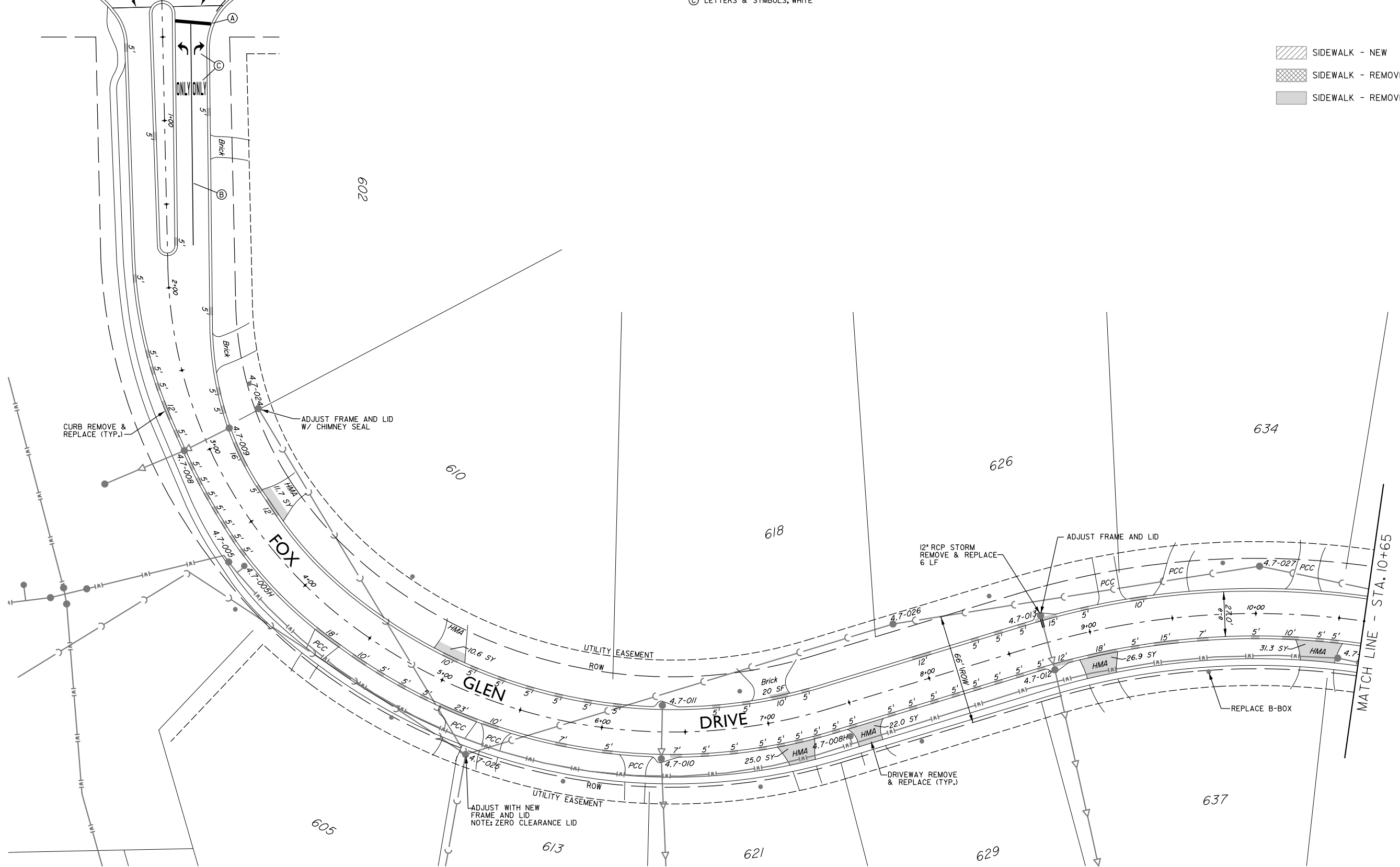


- PAVEMENT MARKING LEGEND
- (A) STOP BAR, 24" WHITE
  - (B) LANE LINE, 6" WHITE
  - (C) LETTERS & SYMBOLS, WHITE

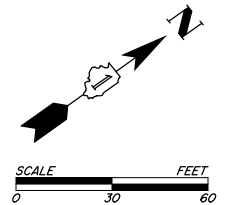
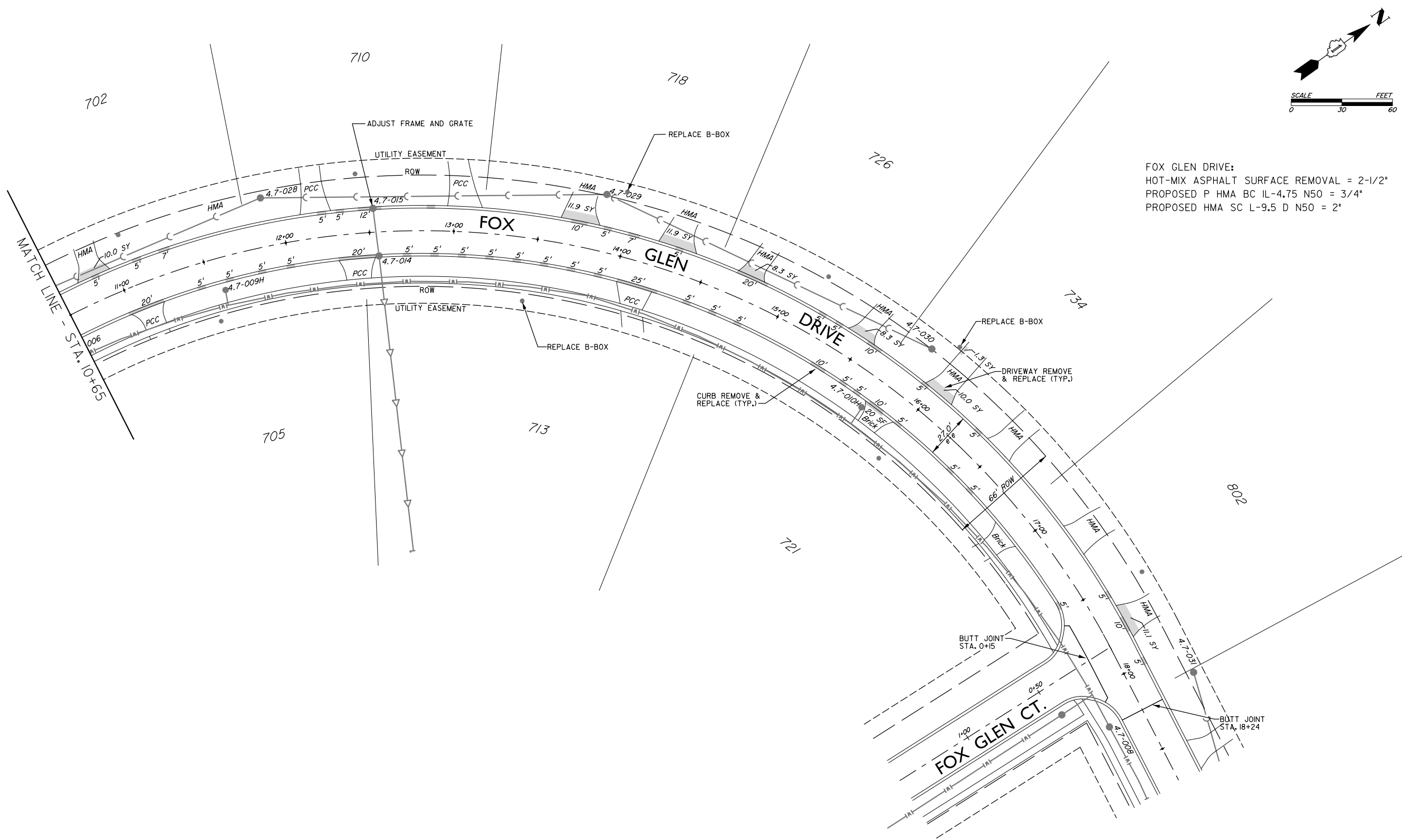
FOX GLEN DRIVE:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2-1/2"  
PROPOSED P HMA BC IL-4.75 N50 = 3/4"  
PROPOSED HMA SC L-9.5 D N50 = 2"



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



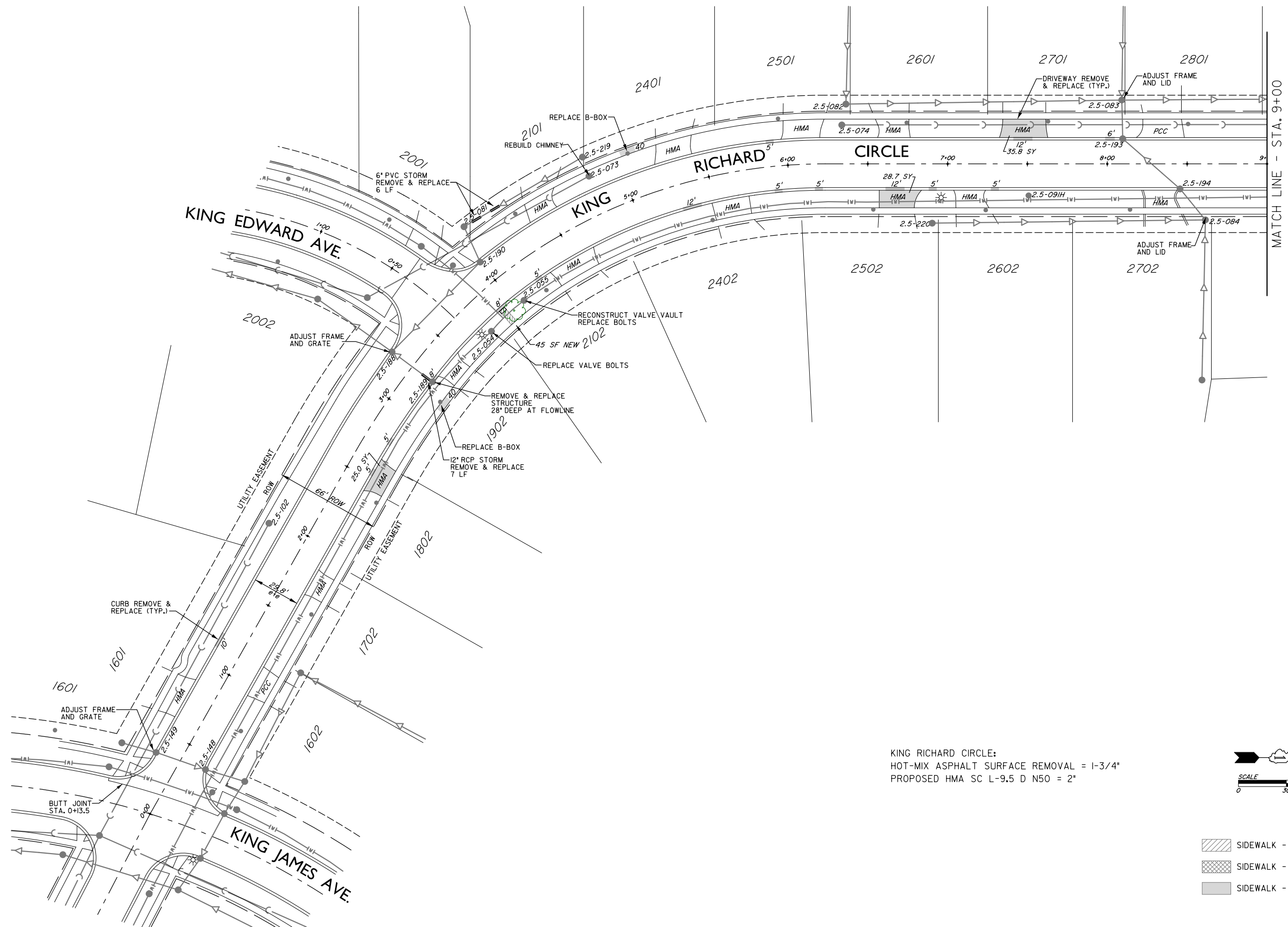
FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM FOX GLEN DRIVE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - BH	REVISED -						20-0013-00-RS	KANE	37	25
	PLOT DATE =	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO.				
		DATE - 1/17/2020	REVISED -					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



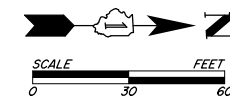
FOX GLEN DRIVE:  
HOT-MIX ASPHALT SURFACE REMOVAL = 2-1/2"  
PROPOSED P HMA BC IL-4.75 N50 = 3/4"  
PROPOSED HMA SC L-9.5 D N50 = 2"

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

FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM FOX GLEN DRIVE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - BH	REVISED -						20-0013-00-RS	KANE	37	26
	PLOT DATE =	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO.				
		DATE - 1/17/2020	REVISED -					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

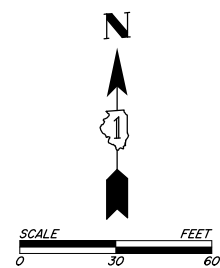
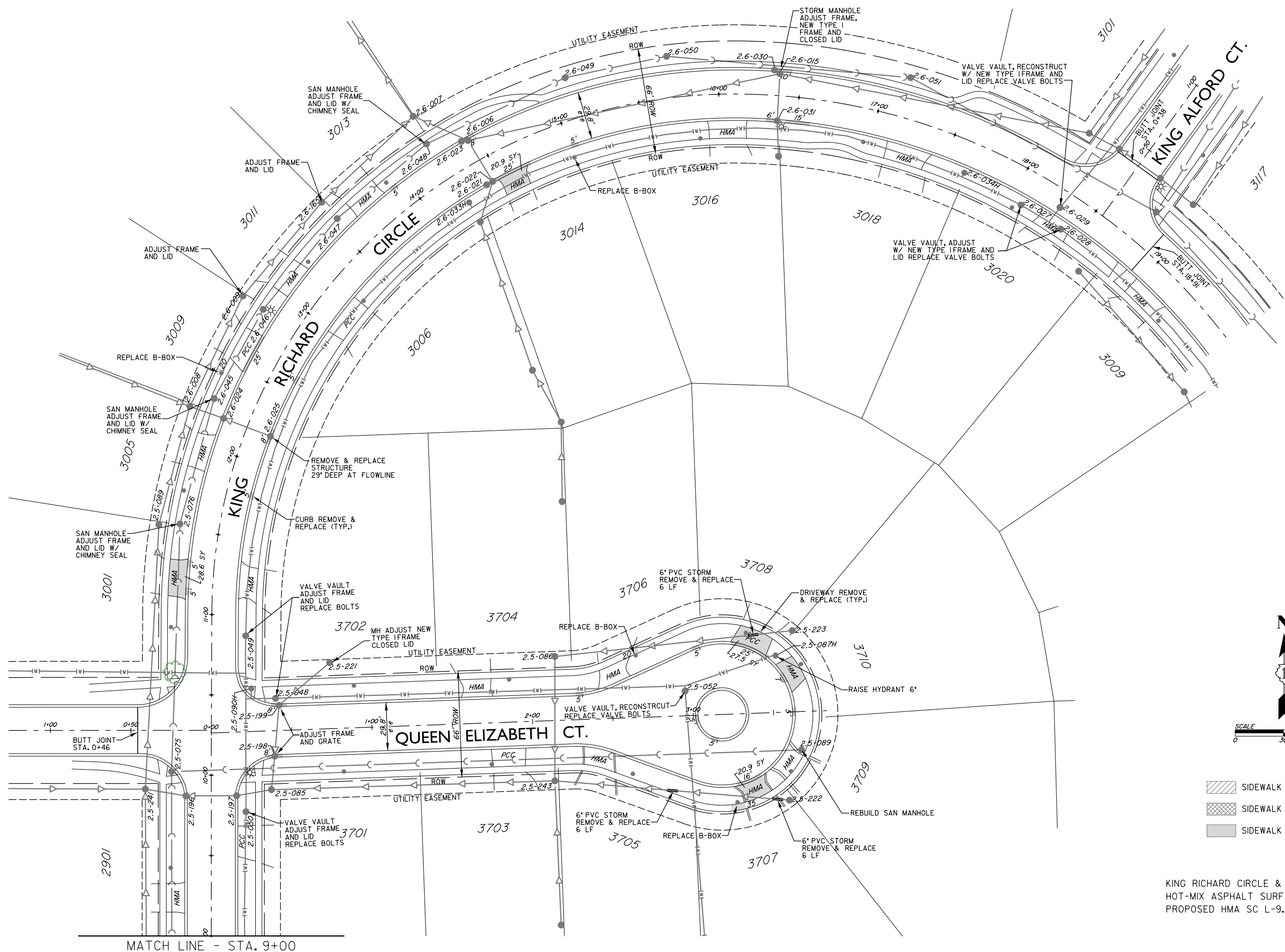


KING RICHARD CIRCLE:  
HOT-MIX ASPHALT SURFACE REMOVAL = 1-3/4"  
PROPOSED HMA SC L-9.5 D N50 = 2"



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

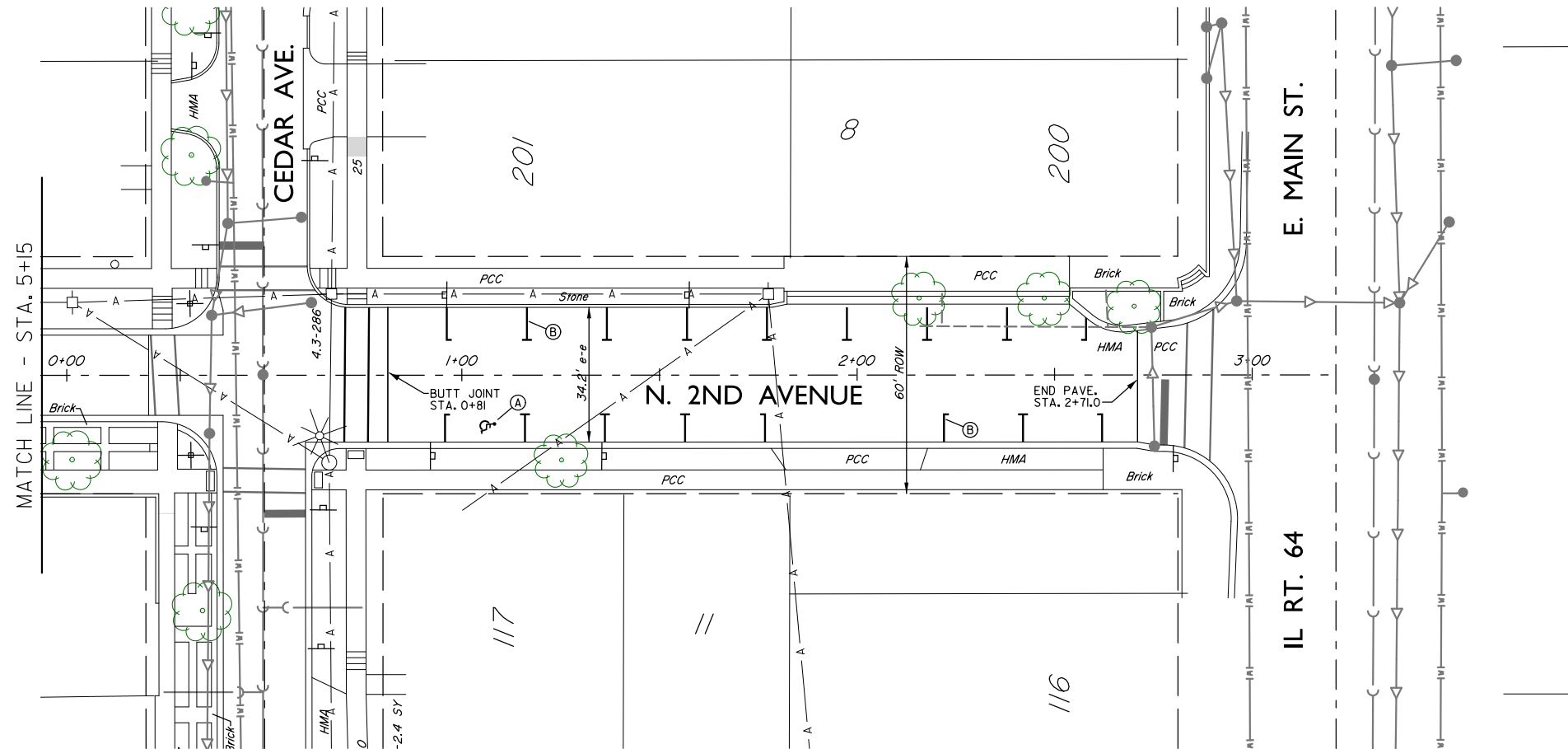
FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM KING RICHARD CIRCLE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - BH	REVISED -						20-0013-00-RS	KANE	37	27
	PLOT DATE =	CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO.				
		DATE - 1/17/2020	REVISED -					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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

KING RICHARD CIRCLE & QUEEN ELIZABETH COURT:  
HOT-MIX ASPHALT SURFACE REMOVAL = 1-3/4"  
PROPOSED HMA SC L-9.5 D N50 = 2"

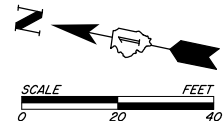
FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM KING RICHARD CIR. & QUEEN ELIZABETH CT.			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - BH	REVIS	REVIS						20-0013-00-RS	KANE	37	28
	PLOT SCALE =	CHECKED -	REVIS		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO.				
	PLOT DATE =	DATE - 1/17/2020	REVIS					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING LEGEND

- (A) LETTERS & SYMBOLS, WHITE
- (B) PARKING, 6" WHITE

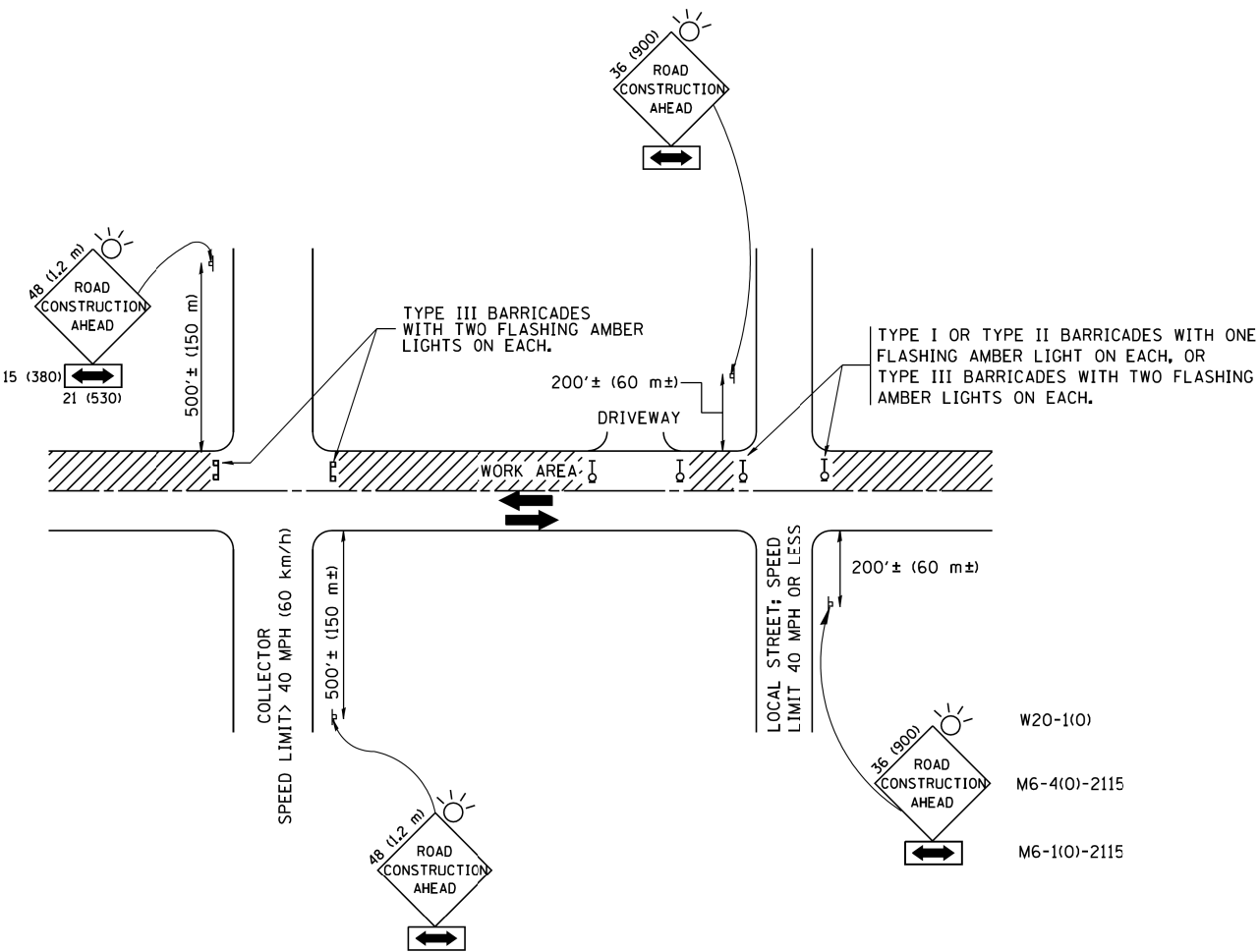
NORTH 2ND AVENUE:  
HOT-MIX ASPHALT SURFACE REMOVAL = 3"  
PROPOSED P HMA BC IL-4.75 N50 = 1"  
PROPOSED HMA SC L-9.5 D N50 = 2-1/4"



FILE NAME	USER NAME =	DESIGNED - BH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM NORTH 2ND AVENUE			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
		DRAWN - BH	REVISED -						20-00113-00-RS	KANE	37	29		
	PLOT SCALE =	CHECKED -	REVISED -		SCALE:			SHEET NO. OF SHEETS			STA.	TO STA.	CONTRACT NO.	
	PLOT DATE =	DATE - 1/17/2020	REVISED -					FED. ROAD DIST. NO. 1			ILLINOIS	FED. AID PROJECT		



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	20-00113-00-RS	KANE	37	31
<b>BD400-05 BD32</b>		<b>CONTRACT NO.</b>		
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.

3. 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.

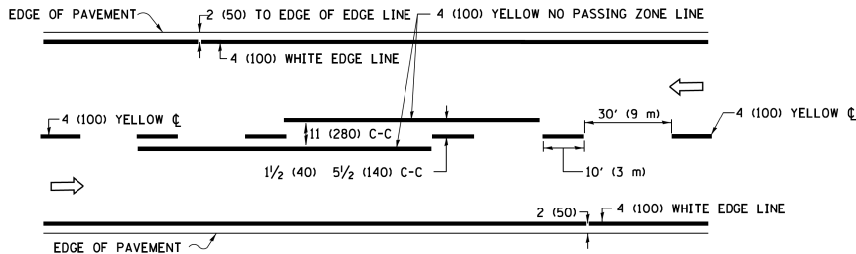
D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

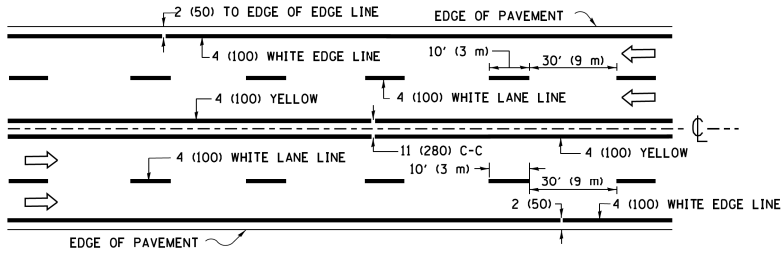
FILE NAME = W:\diststd\22x34\tcl0.dgn	USER NAME = gegl1enobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

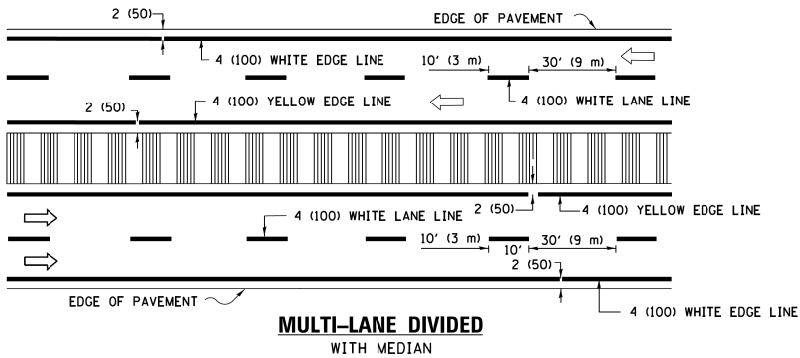
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					20-00113-00-RS	KANE	37	32
				TC-10		CONTRACT NO.		
SCALE: NONE				SHEET NO. 1 OF 1 SHEETS		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
				STA. TO STA.				



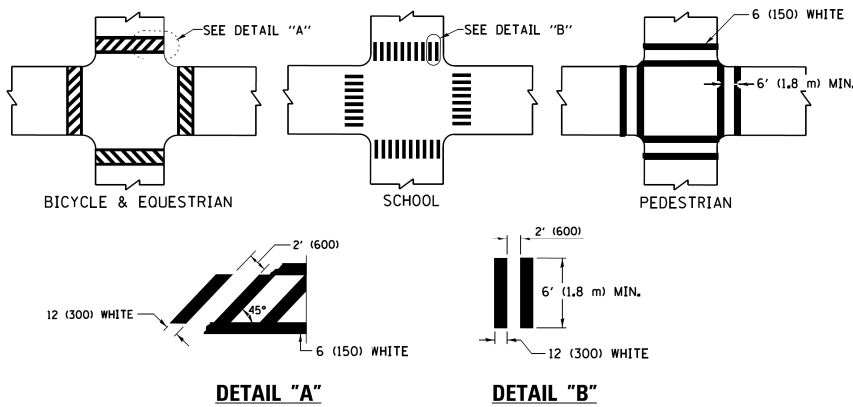
**2-LANE ROADWAY**



**MULTI-LANE UNDIVIDED**

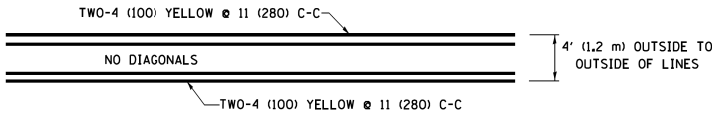


**TYPICAL LANE AND EDGE LINE MARKING**

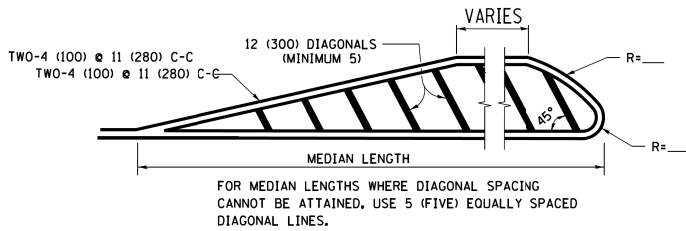


**TYPICAL CROSSWALK MARKING**

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

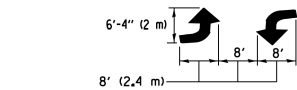
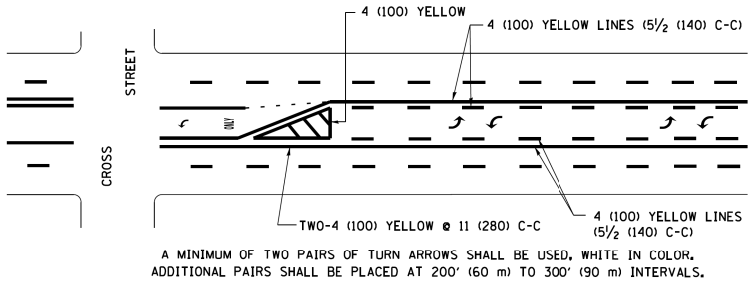


**4' (1.2 m) WIDE MEDIANS ONLY**



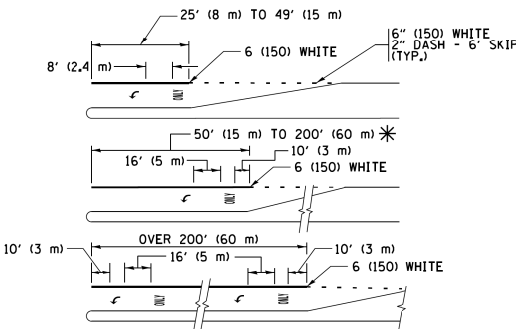
DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

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



**MEDIAN WITH TWO-WAY LEFT TURN LANE**

**TYPICAL PAINTED MEDIAN MARKING**

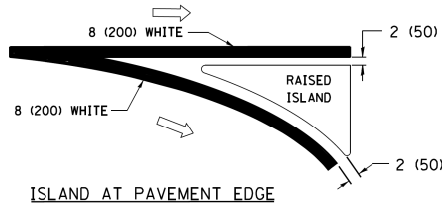
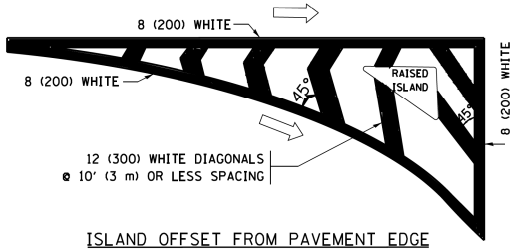


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

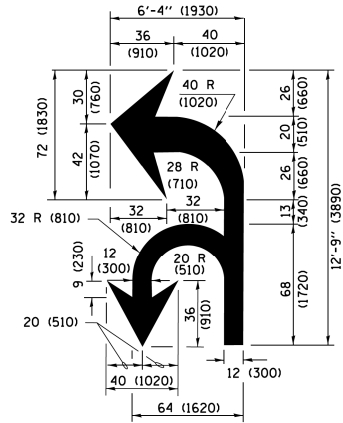
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

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

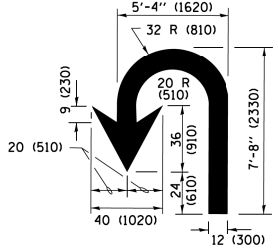
**TYPICAL TURN LANE MARKING**



**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**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 1/2 (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 1/2 (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.
CORE 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" IS 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 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
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.

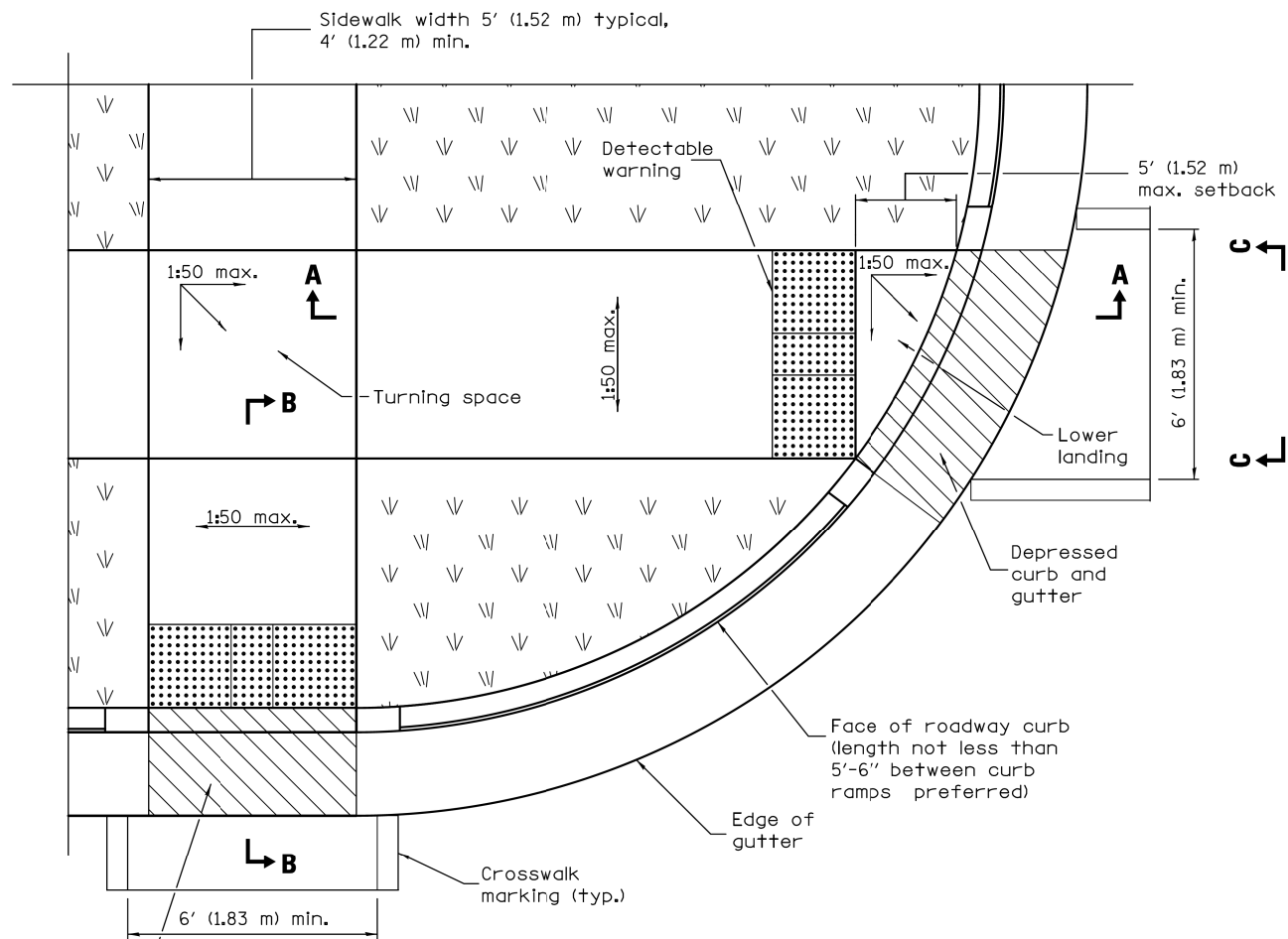
FILE NAME =	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pwt\11084EBID\TEG\111nois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist		DRAWN	REVISED - C. JUCIUS 07-01-13
	PLOT SCALE = 50.000' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
Default	PLOT DATE = 4/13/2016	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

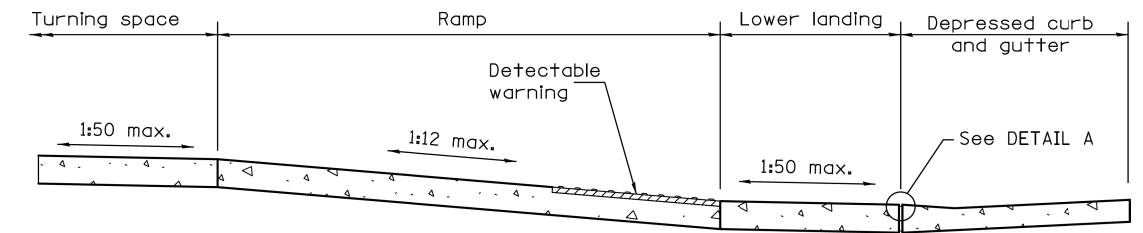
**DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	20-00113-00-RS	KANE	37	33
	TC-13			CONTRACT NO.
		ILLINOIS	FED. AID PROJECT	

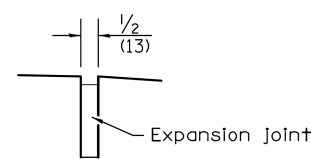


**RAMPS IN LANDSCAPED AREA**  
**SETBACK ≤ 5'**

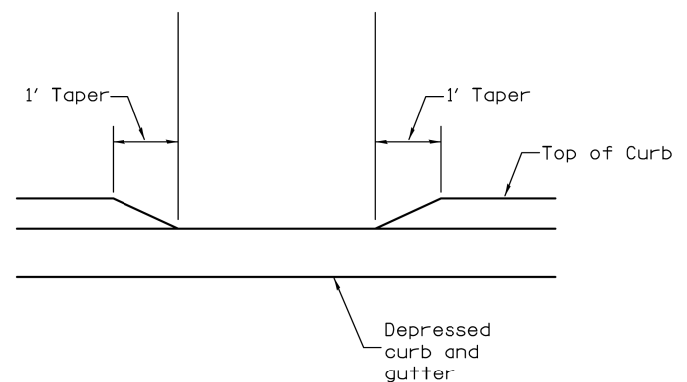


**SECTION A-A**

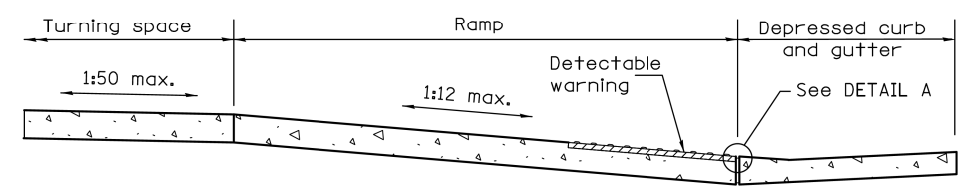
② The running slope of the curb ramp shall not require the ramp length to exceed 15' (4.5 m).



**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).

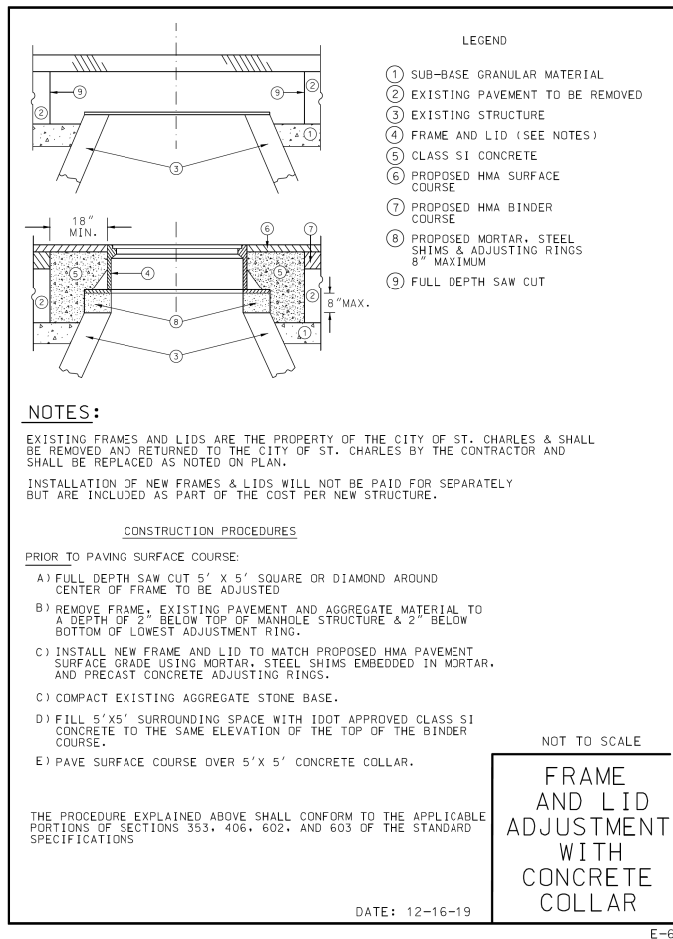
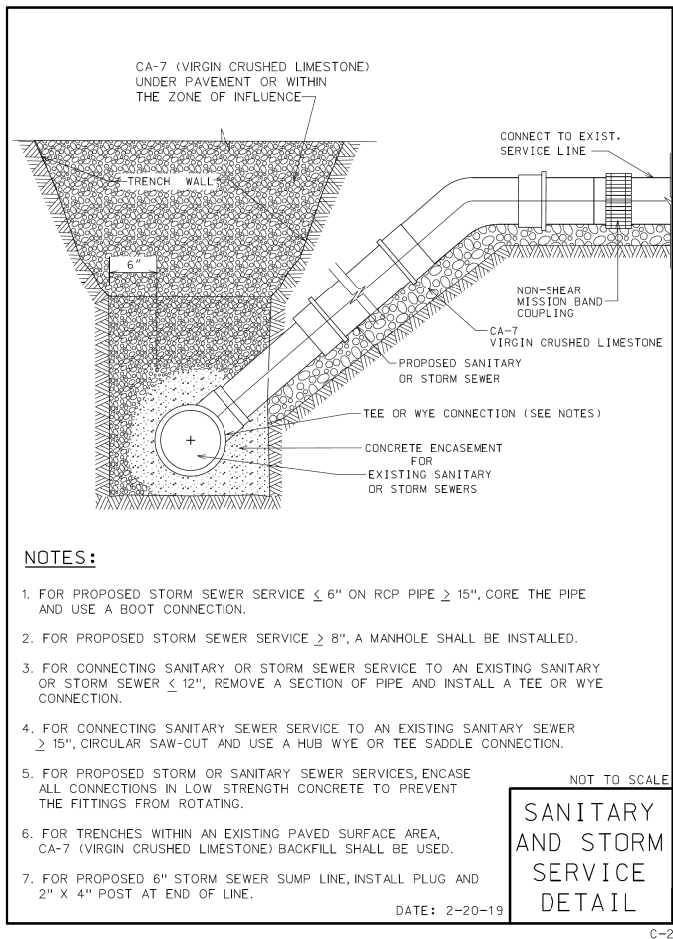
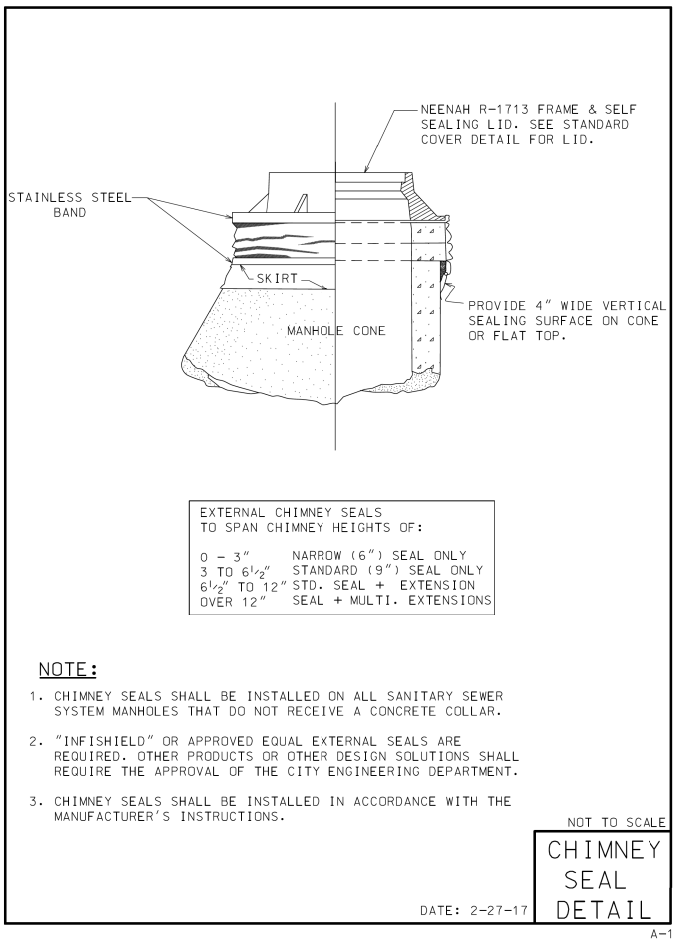
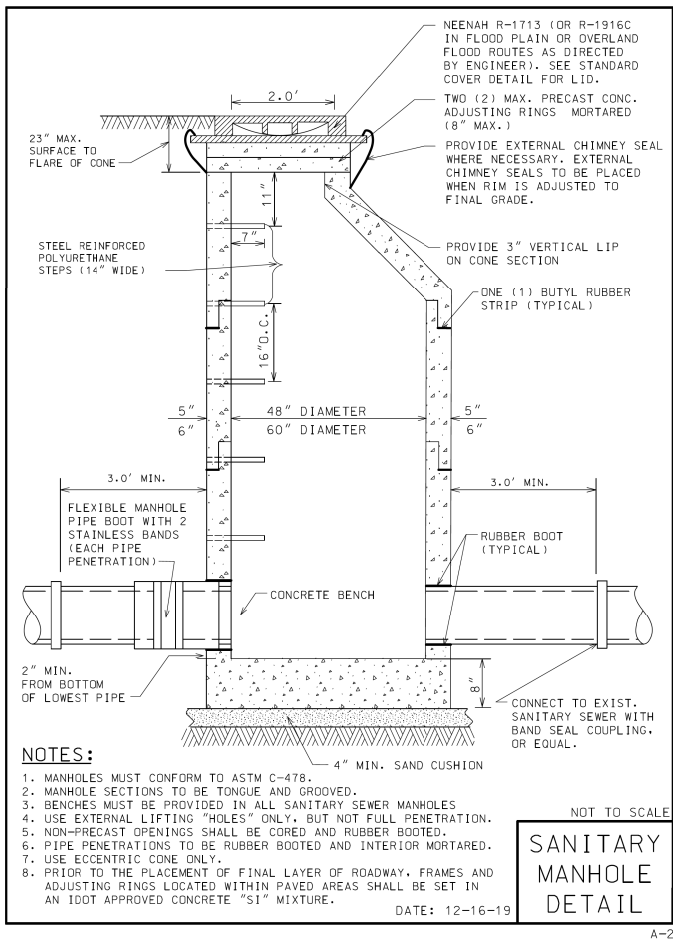
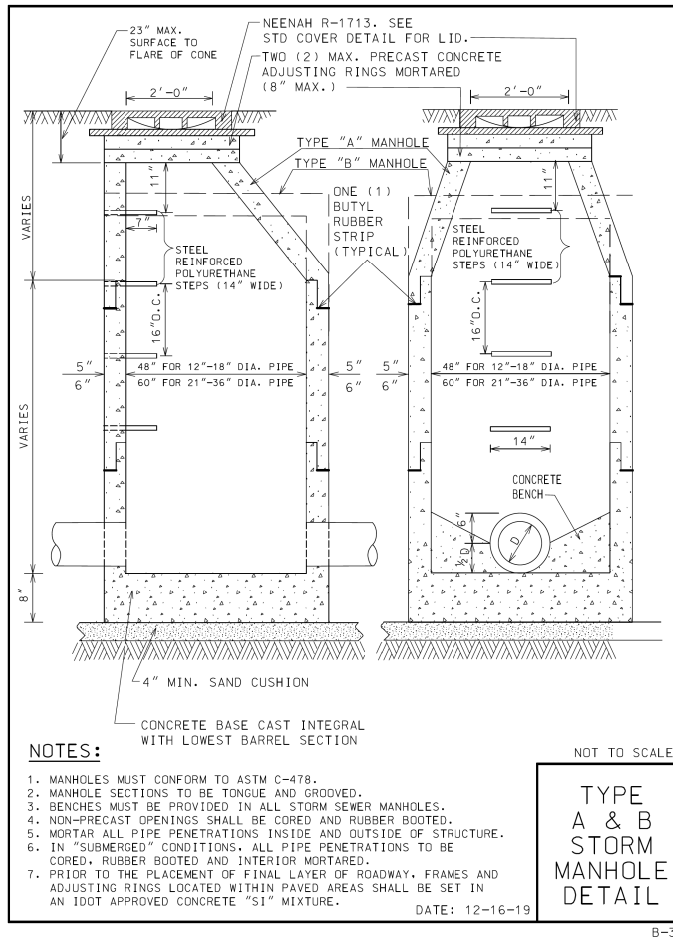
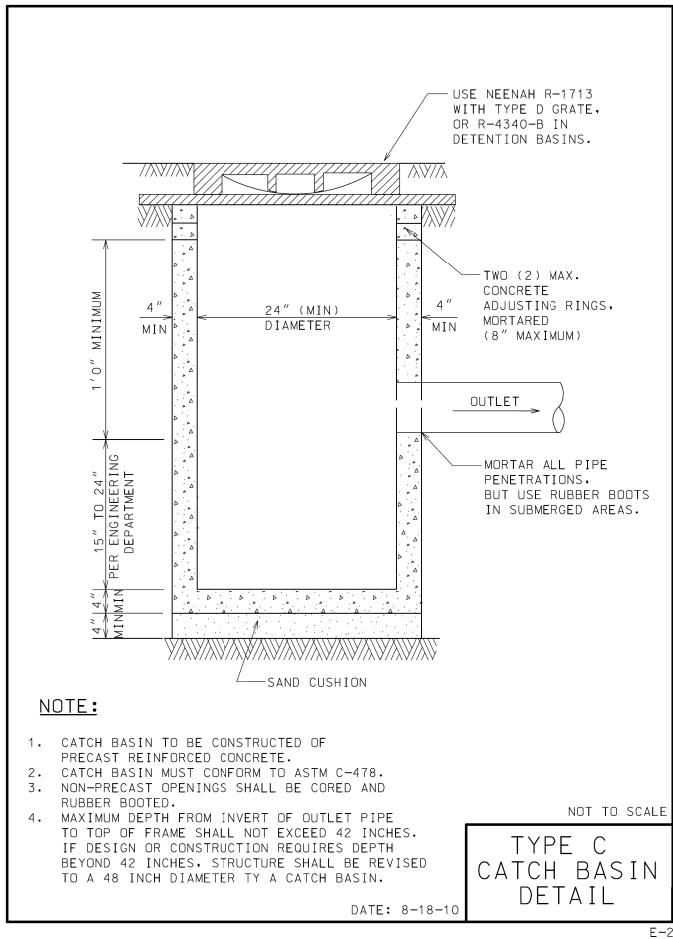
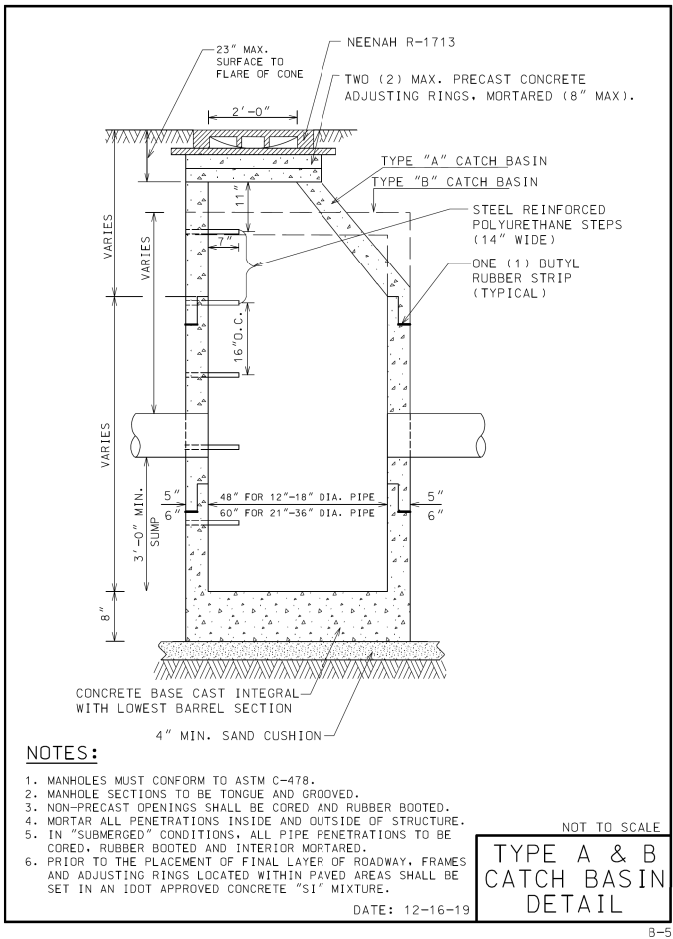
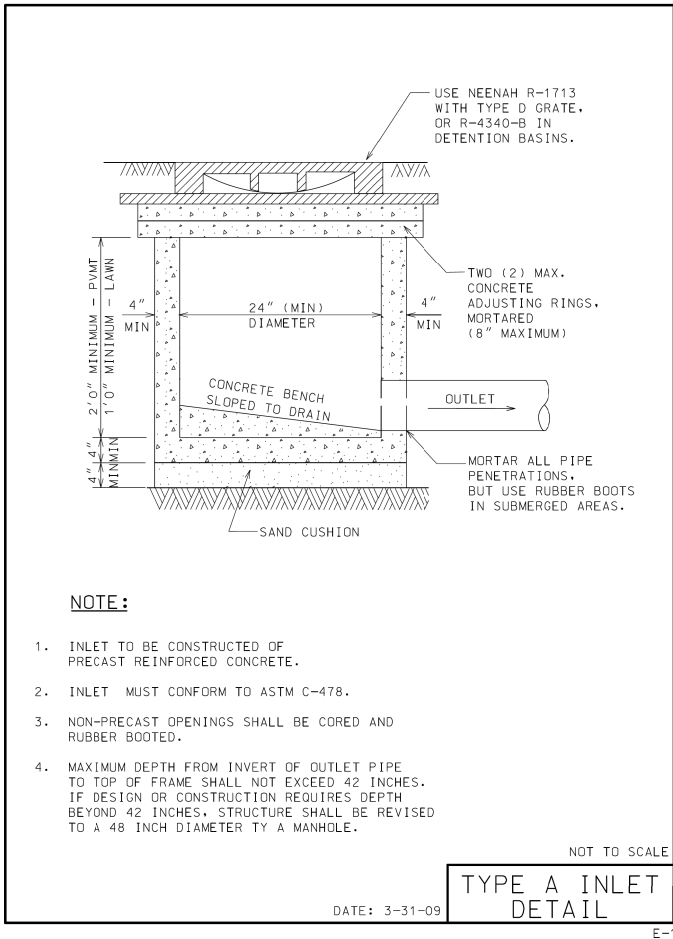
Where 1:50 maximum slope is shown, 1:64 is preferred.

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

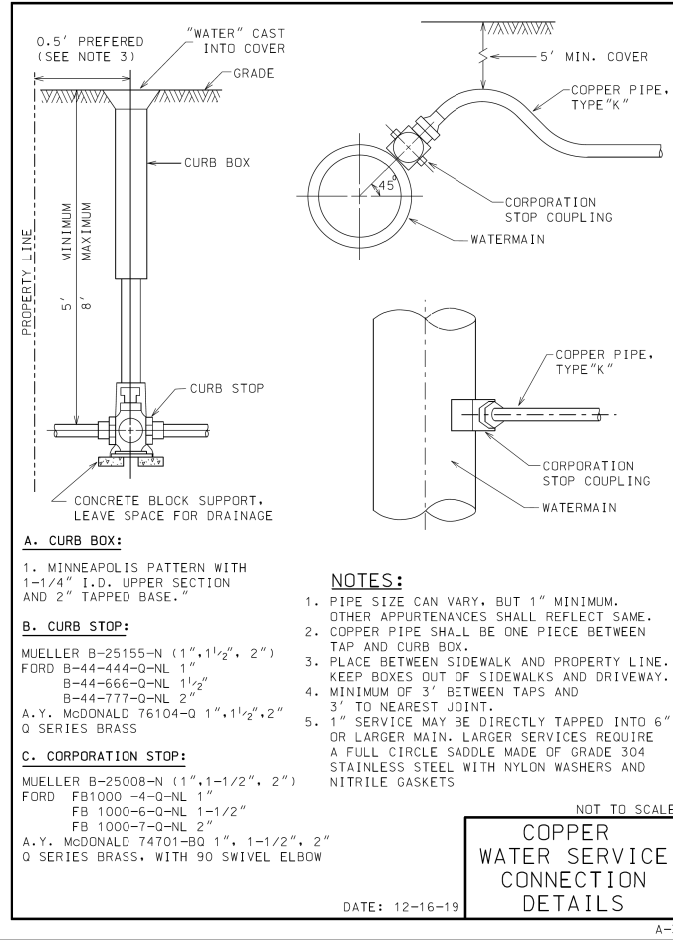
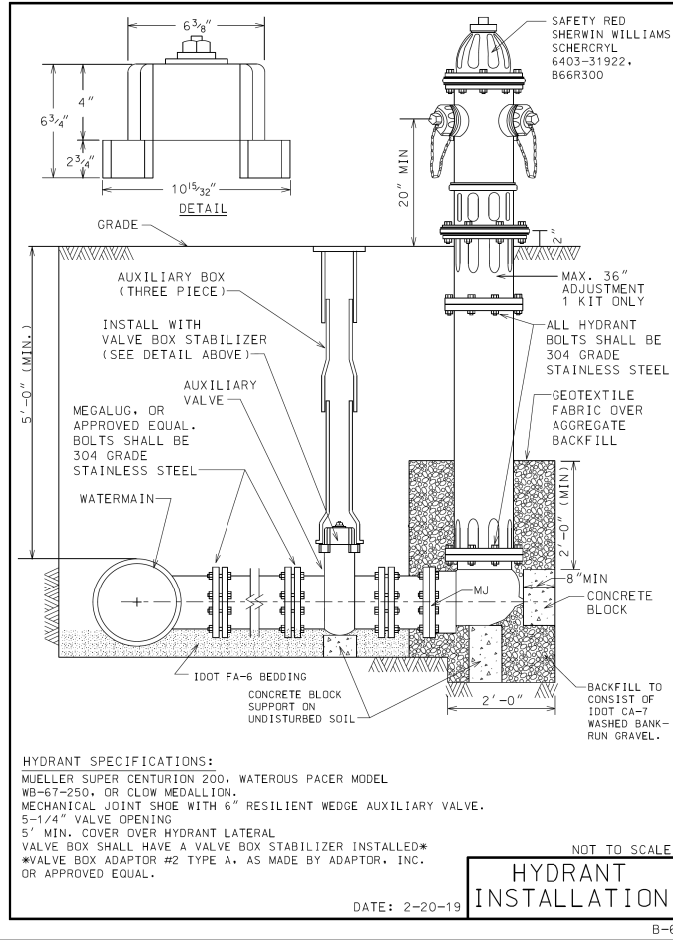
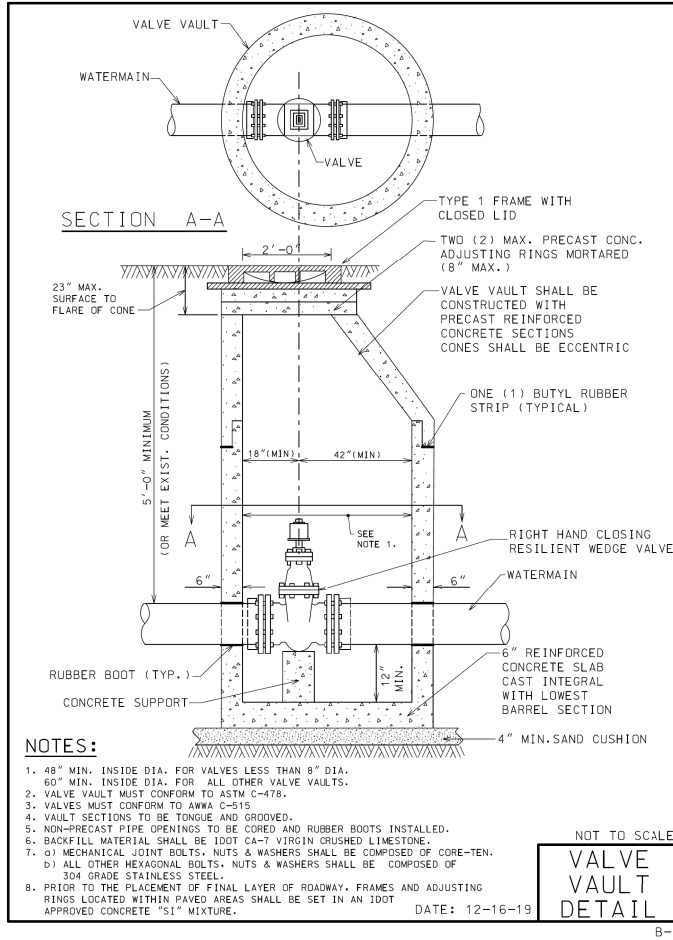
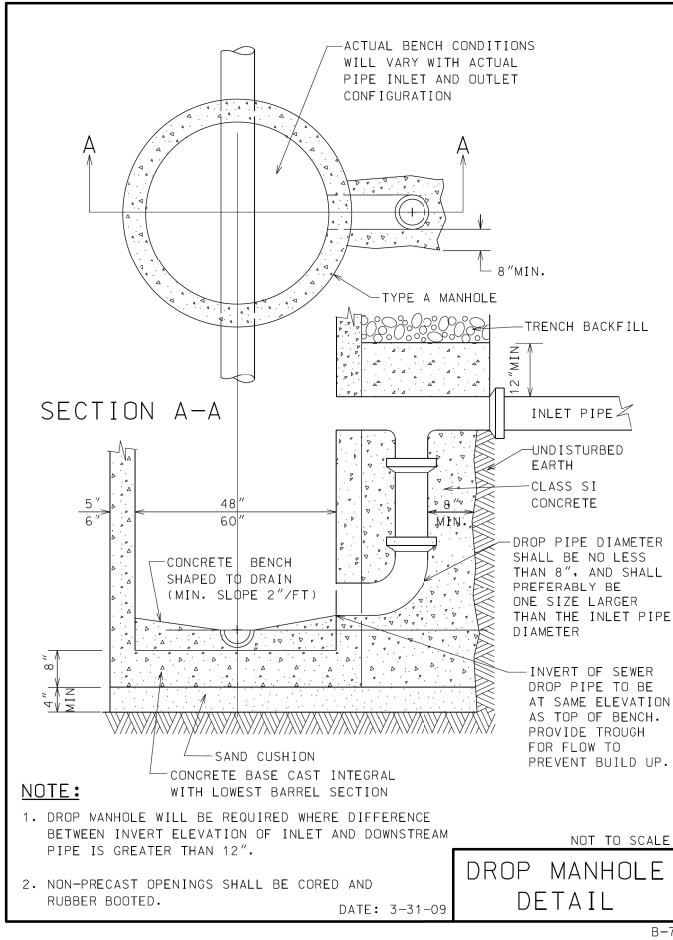
All dimensions are in inches (millimeters) unless otherwise shown.

**PERPENDICULAR CURB RAMPS  
FOR SIDEWALKS**

Date: February 8, 2016



FILE NAME	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		2020 MFT REHABILITATION PROGRAM TYPICAL DETAILS - CITY OF ST. CHARLES		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						20-0013-00-RS	KANE	37	35
	PLOT SCALE =	CHECKED -	REVISED -									
	PLOT DATE =	DATE - 1/17/2020	REVISED -									
SCALE:		SHEET NO. OF SHEETS		STA. TO STA.		FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT		

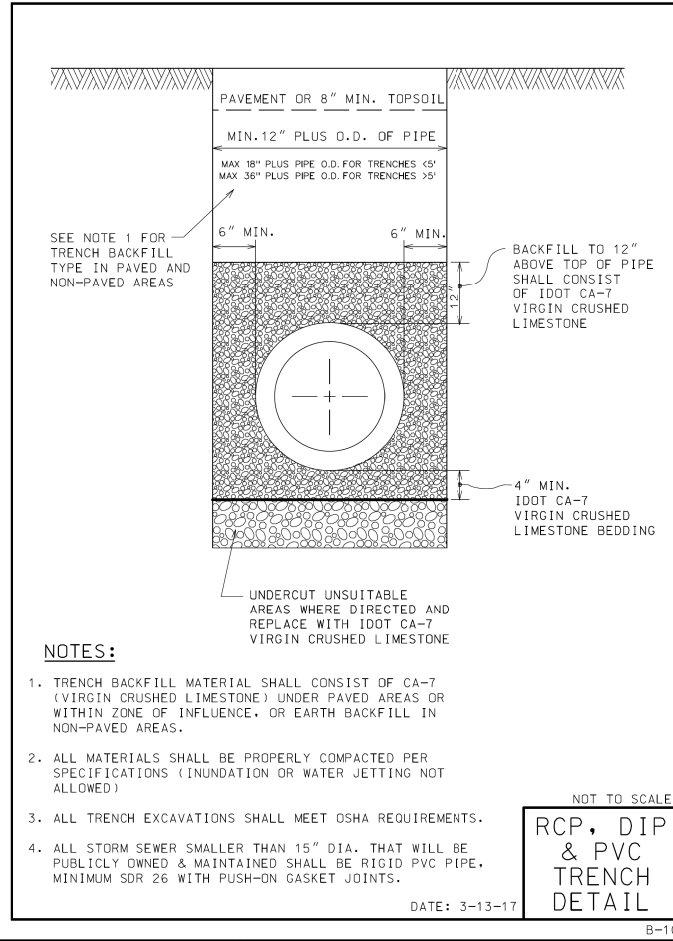


EROSION CONTROL BLANKET:		DESCRIPTION
STANDARD	UUM-530	EROSION CONTROL BLANKET
UUM-531		EROSION CONTROL BLANKET, TURF REINF. MAT
INLET PROTECTION:		DESCRIPTION
STANDARD	IL-555	EXCAVATED DRAIN
IL-560		FABRIC DROP
IL-562		SOD FILTER
UUM-561C		FILTER BAG
UUM-561D		SEDIMENT BAG/FILTER
END SECTION INLET PROTECTION:		DESCRIPTION
STANDARD	IL-508SF	CULVERT INLET PROTECTION - SILT FENCE
IL-508ST		CULVERT INLET PROTECTION - STONE
DITCH CHECK:		DESCRIPTION
STANDARD	UUM-514PC	PLASTIC PERMEABLE
UUM-514RC		ROLLED EROSION CONTROL
UUM-514SC		SYNTHETIC POROUS CONTROL
UUM-514UF		URETHANE FOAM GEOTEXTILES
UUM-514VC		VEGETATED EROSION CONTROL
IL-605CA		ROCK CHECK DAM - COARSE AGGREGATE
IL-605R		ROCK CHECK DAM - RIPRAP
SILT FENCE:		DESCRIPTION
STANDARD	UUM-620A	SILT FENCE
UUM-620AW		SILT FENCE WITH WIRE SUPPORT
UUM-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		
EROSION CONTROL		

B-6

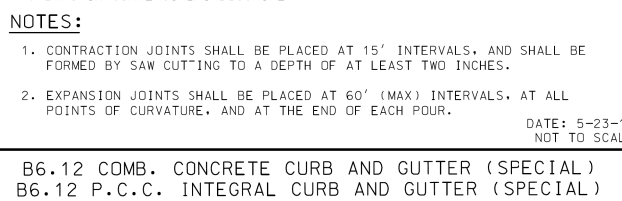
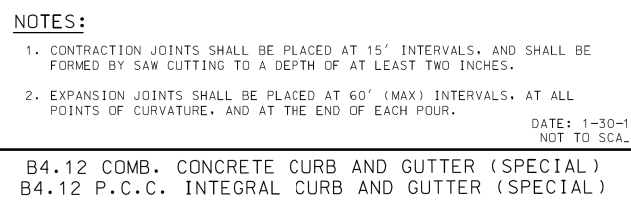
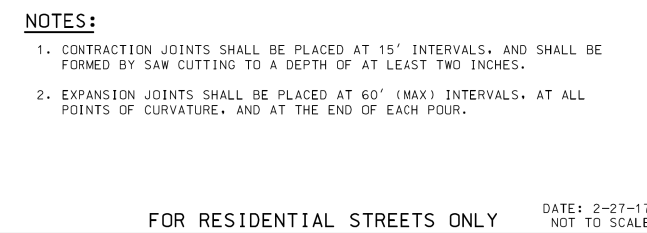
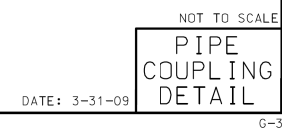
Minimum Restrained Lengths (in feet) back from both sides of fitting							
Fitting type/nominal size	4"	6"	8"	10"	12"	16"	
90 Degree Bend	17	25	32	38	45	59	
45 Degree Bend	7	10	13	16	19	24	
22.5 Degree Bend	3	5	6	8	9	12	
11.25 Degree Bend	2	2	3	4	4	6	
Dead End	39	55	73	87	103	134	
Top Side Vertical 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							
WATER MAIN RESTRAINT							

C-7



FILE NAME	USER NAME =	DESIGNED -	REVISED -	2020 MFT REHABILITATION PROGRAM TYPICAL DETAILS - CITY OF ST. CHARLES	SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -								20-00113-00-RS	KANE	37	36
	PLOT SCALE =	CHECKED -	REVISED -							CONTRACT NO.				
	PLOT DATE =	DATE - 1/17/2020	REVISED -							FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



FILE NAME	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	2020 MFT REHABILITATION PROGRAM TYPICAL DETAILS - CITY OF ST. CHARLES					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -								20-00113-00-RS	KANE	37	37
	PLOT SCALE =	CHECKED -	REVISED -											
	PLOT DATE =	DATE - 1/17/2020	REVISED -											
					SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.				
										FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
									CONTRACT NO.					