

STATE OF ILLINOIS
 COOK COUNTY
 CITY OF EVANSTON
**PLANS FOR 2022 REBUILD IL /
 MFT RESURFACING PROJECT**
22-00292-00-RS
(BID No.:22-23)

INDEX OF SHEETS

1. TITLE SHEET
2. SUMMARY OF QUANTITIES & GENERAL NOTES
3. ELM AVENUE (Lincoln Street - Central Street)
4. FLORENCE AVENUE (Cleveland Street - Monroe Street)
5. GRANT STREET (Asbury Avenue - Ridge Avenue)
- 6-7. GREENLEAF STREET (Hinman Avenue - Sheridan Road)
8. HARRISON STREET (McDaniel Avenue - Elm Avenue)
9. HARRISON STREET (Prairie Avenue - Green Bay Road)
10. MADISON STREET (Florence Avenue - Wesley Avenue)
11. MCDANIEL AVENUE (South Dead End - Lee Street)
12. MULFORD STREET (Asbury Avenue - Barton Avenue)
- 13-16. ASBURY AVENUE (Oakton Street - Dempster Street) HMA SURFACE PATCHING
- 17-24. CENTRAL STREET (Crawford Avenue - Ridge Avenue) HMA SURFACE PATCHING
- 25-31. RIDGE AVENUE (Howard Street - Church Street) HMA SURFACE PATCHING
- 31-34. SOUTH BOULEVARD (Chicago Avenue - South City Limit) HMA SURFACE PATCHING
- 35-36. STATE STANDARDS & DETAIL SHEETS



RESURFACING LENGTH = 6,173 FEET (1.17 MILES)
SURFACE PATCHING LENGTH = 32,400 FEET (6.10 MILES)

FOR UNDERGROUND UTILITY INFORMATION
 AND LOCATIONS, CALL
J.U.L.I.E
 TOLL FREE
 TELEPHONE No. 1-800-892-0123

HIGHWAY STANDARDS:

420001-10	424026-03
424001-11	442101-09
424006-05	442201-03
424011-04	606001-08
424016-05	780001-05
424021-06	

TRAFFIC STANDARDS:

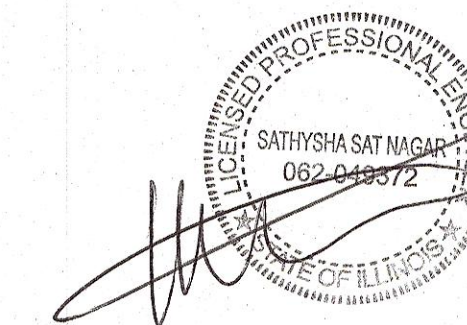
701301-04	701611-01
701501-06	701701-10
701602-10	701801-06
701606-10	701901-08

DISTRICT ONE DETAILS

TC-10	BD-08
TC-13	BD-32
TC-26	TS-07

NOTICE

NO WORK TO BE DONE
 WITHIN THE PAVED
 STREET AREA FOR FIVE
 YEARS BY ANY UTILITY



EXPIRES 11/30/2023

2022 REBUILD IL/MFT RESURFACING PROJECT
TITLE SHEET

SCALE	PROJECT NUMBER: 22-00292-00-RS	ISSUED FOR: CONSTRUCTION	DESIGNED BY: PC	
HORIZONTAL N/A	BID NUMBER: 22-23	DATE: 02/25/2022	DRAWN BY: DT	SHEET 1 OF 36
VERTICAL N/A			CHECKED BY: SN	

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DATE	NO.	REVISION

STANDARD SYMBOLS

- EXISTING DETECTABLE WARNINGS
- PROPOSED DETECTABLE WARNINGS
- SIDEWALK REMOVAL AND REPLACEMENT
- NEW SIDEWALK
- DRIVEWAY REMOVAL & REPLACEMENT (CONCRETE)
- DRIVEWAY REMOVAL & REPLACEMENT (ASPHALT)
- DRIVEWAY AND SIDEWALK REMOVAL
- PAVEMENT REMOVAL AND REPLACEMENT
- PAVEMENT REMOVAL
- HOT-MIX ASPHALT OR CONCRETE SURFACE REMOVAL
- EXISTING INLET
- INLET TO BE CONSTRUCTED
- INLET TO BE ADJUSTED
- EXISTING CATCH BASIN
- CATCH BASIN TO BE CONSTRUCTED
- EXISTING MOUSE HOLE WITH CATCH BASIN
- EXISTING MANHOLE
- MANHOLE TO BE CONSTRUCTED
- CATCH BASIN, MANHOLE OR VALVE VAULT TO BE FILLED WITH SAND
- NEW FRAMES & GRATES FOR CATCH BASIN, MANHOLE, & VALVE VAULT
- FRAMES & GRATES TO BE ADJUSTED FOR CATCH BASINS, MANHOLES & VALVE VAULT
- CATCH BASINS AND MANHOLES TO BE RECONSTRUCTED
- EXISTING BUFFALO BOX
- PROPOSED BUFFALO BOX
- EXISTING VALVE BOX
- PROPOSED VALVE BOX
- EXISTING VALVE VAULT
- VALVE VAULT TO BE CONSTRUCTED
- VALVE VAULT TO BE RECONSTRUCTED
- EXISTING FIRE HYDRANT WITH AUXILIARY VALVE
- NEW FIRE HYDRANT WITH AUXILIARY VALVE
- FIRE HYDRANT & AUXILIARY VALVE TO BE MOVED (SYMBOL WITH "M" LETTER, INDICATES NEW LOCATION)
- EXISTING WATER MAIN
- EXISTING COMBINED SEWER
- PROPOSED COMBINED SEWER
- EXISTING RELIEF/STORM SEWER
- PROPOSED RELIEF/STORM SEWER
- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- EXISTING TYPE B CURB
- PROPOSED TYPE B CURB
- EXISTING TYPE B6.12 CURB & GUTTER
- PROPOSED TYPE B6.12 CURB & GUTTER
- SUMMIT
- EXISTING STANDARD STREET LIGHT
- STANDARD STREET LIGHT TO BE MOVED (SYMBOL WITH "M" LETTER, INDICATES NEW LOCATION)
- EXISTING HANDHOLE
- EXISTING CONTROLLER
- TOP OF CURB GRADE STATIONING
- FLOW LINE GRADE STATIONING
- EXISTING TELEPHONE OR POWER POLE
- EXISTING RIGHT OF WAY
- RAILROAD OR UTILITY TRACKS
- DECIDUOUS TREES
- EVERGREEN TREES
- HEDGE, BUSHES
- UTILITY MANHOLE
- STREET LIGHT CABLE
- EXISTING CITY'S FIBER CABLE
- EXISTING COMED MAIN
- EXISTING TELEPHONE MAIN
- EXISTING CABLE TV MAIN
- EXISTING GAS MAIN
- INLET TO BE REMOVED
- CATCH BASIN TO BE REMOVED
- MANHOLE OR VALVE VAULT TO BE REMOVED
- FIRE HYDRANT TO BE REMOVED

SUMMARY OF QUANTITIES				Project No.: 22-00292-00-RS												
Item No.	Item	Unit	Total Quantity	ELM AVENUE	FLORENCE AVENUE	GRANT STREET	GREENLEAF STREET	HARRISON STREET	HARRISON STREET	MADISON AVENUE	McDANIEL AVENUE	MULFORD STREET	ASBURY AVENUE	CENTRAL STREET	RIDGE AVENUE	SOUTH BOULEVARD
				(Lincoln St to Central St)	(Cleveland St to Monroe St)	(Asbury Av to Ridge Av)	(Huffman Av to Sheridan Road)	(McDaniel Av to Elm Av)	(Prairie Av to Green Bay Road)	(Florence Av to Wesley Av)	(South Dead End to Lee St)	(Asbury Av to Barton Av)	(Oakton St to Dempster St)	(Crawford Av to Ridge Av)	(Howard St to Church St)	(Chicago Av to South City Limit)
1	TEMPORARY FENCE	FOOT	2,320	510	145	110	730	50	95	210	160	310				
2	TREE TRUNK PROTECTION	EACH	11	4			2		1	1	1	2				
3	TREE ROOT PRUNING	FOOT	1,285	380	35	25	485	20	45	70	60	155				
4	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	161	19	9	28	42	9	5	23	14	12				
5	SUPPLEMENTAL WATERING	UNIT	18	3	1	1	7	1	1	1	1	2				
6	EARTH EXCAVATION	CU YD	8	2												
7	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	72	14	3	3	27	3	3	7	3	9				
8	SODDING, SALT TOLERANT	SQ YD	1,485	320	50	45	610	40	60	105	60	195				
9	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	449	110	20	10	190	5	28	35	20	31				
10	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	80				80									
11	H.E.S. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	87	27	5		40		2	7	3	3				
12	AGGREGATE FOR TEMPORARY ACCESS	TON	11				5		6							
13	BITUMINOUS MATERIALS (TACK COAT)	POUND	18,290	1,995	1,280	2,430	5,450	920	1,370	2,290	1,330	1,225				
14	AGGREGATE (PRIME COAT)	TON	83	9	6	10	25	4	6	11	6	6				
15	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	17	2	1	3	4	1	1	2	2	1				
16	LEVELING BINDER (MACHINE METHOD), N50	TON	1,051	115	70	142	310	55	81	130	78	70				
17	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,380	105	210	135	360	45	110	220	85	110				
18	TEMPORARY RAMP	SQ YD	420	35	70	40	110	15	30	65	25	30				
19	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	3,464	251	162	305	680	116	173	290	168	154	340	375	220	230
20	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	55				32			11	6	6				
21	TEMPORARY HOT-MIX ASPHALT	TON	6	1	1		1		1	1	1	1				
22	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	71	25			35					11				
23	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	90							90						
24	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6,780	1,235	675	370	545	320	785	1,515	325	1,010				
25	DETECTABLE WARNINGS	SQ FT	760	180	60	70	130	40	40	160	20	60				
26	HOT-MIX ASPHALT SURFACE REMOVAL 2 INCH	SQ YD	9,730										2,820	3,200	1,800	1,910
27	HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	18,855	2,100	1,210	2,565	5,660	975	1,410	2,310	1,385	1,240				
28	PAVEMENT REMOVAL	SQ YD	275	85			170			6		14				
29	DRIVEWAY PAVEMENT REMOVAL	SQ YD	251	25			125			90		11				
30	CURB REMOVAL	FOOT	2,650	545	50		1,125			425	105	400				
31	COMBINATION CURB AND GUTTER REMOVAL	FOOT	705	85	125	60	75	25		215	120					
32	SIDEWALK REMOVAL	SQ FT	6,875	1,330	675	370	545	320	785	1,515	325	1,010				
33	CLASS C PATCHES, SPECIAL, 9" (HES)	SQ YD	60				35					25				
34	CLASS D PATCHES, SPECIAL, 9"	SQ YD	415	75	20		185	20	60	30	25					
35	FIBER GLASS FABRIC REPAIR SYSTEM	SQ YD	110			40						70				
36	CATCH BASINS TO BE RECONSTRUCTED	EACH	1						1							
37	MANHOLES TO BE RECONSTRUCTED	EACH	6	1	1	1	2		1			1				
38	VALVE VAULTS TO BE RECONSTRUCTED	EACH	3	1					1			1				
39	VALVE BOXES TO BE ADJUSTED	EACH	10	1	1	1	2	1	2		1	1				
40	FRAMES AND GRATES TO BE ADJUSTED	EACH	13	2			7			1	2	1				
41	FRAMES AND LIDS TO BE ADJUSTED	EACH	9	1	1	1	3		1	1	1	1				
42	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	38	5	4	5	12	2	1	8	1					
43	FRAMES AND LIDS, OPEN LID (SPECIAL)	EACH	3				1		1		1					
44	FRAMES AND LIDS, CLOSED LID (SPECIAL)	EACH	19	1	3	3	5		2	3		2				
45	CONCRETE CURB, TYPE B (AEP Modified)	FOOT	935		50		75		385	105		320				
46	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (AEP Modified)	FOOT	2,420	630	125	60	1,125	25	40	215	120	80				
47	NON-SPECIAL WASTE DISPOSAL	CU YD	60	25			35									
48	SOIL DISPOSAL ANALYSIS	EACH	1				1									
49	MOBILIZATION	LSUM	1	0.15	0.10	0.10	0.15	0.10	0.10	0.10	0.10	0.10				
50	TRAFFIC CONTROL AND PROTECTION	LSUM	1	0.15	0.10	0.10	0.15	0.10	0.10	0.10	0.10	0.10				
51	PAVEMENT MARKING TAPE, TYPE 1	FOOT	1,805	200	210	120	595	110	120	230	60	160				
52	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	350	35	40	20	125	15	20	45	20	30				
53	DETECTOR LOOP REPLACEMENT	FOOT	305										75	80	150	
54	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	111										37	37		37
55	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10,260	40			60					4,130	3,650	1,350	1,030	
56	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	8,565	165	195	220	1,420	110	290	540	85	215	1,910	2,475	530	410
57	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	940										25	575	210	130
58	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1,111	55	80	45	275	26	60	85	30	90	180	120	65	
59	CHANGEABLE MESSAGE SIGN	CAL DAYS	24										6	6		
60	PREFORMED THERMOPLASTIC BICYCLE SYMBOLS	EACH	12													
61	CONSTRUCTION LAYOUT	LSUM	1	0.15	0.10	0.10	0.15	0.10	0.10	0.10	0.10	0.10				
62	STREET SWEEPING	EACH	9	1	1	1	1	1	1	1	1	1				
63	REMOVING AND RESETTING PAVERS	SQ FT	80	45			10				25					
64	LAWN SPRINKLER SYSTEM REPAIRS	FOOT	480	140			310					20				

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE MIX "D", N50 (IL 9.5 mm)	3.5%@50 Gyr
LEVELING BINDER (MACHINE METHOD) N50 (L9.5mm)	4%@50 Gyr
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	4%@50 Gyr
PATCHES	
CLASS D PATCHES(HMA BINDER IL 19mm)	4%@50 Gyr
DRIVEWAYS / SPEED HUMPS	
HOT-MIX ASPHALT SURFACE COURSE MIX "D", N50 (IL 9.5 mm)	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 70-22" AND FOR NON POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

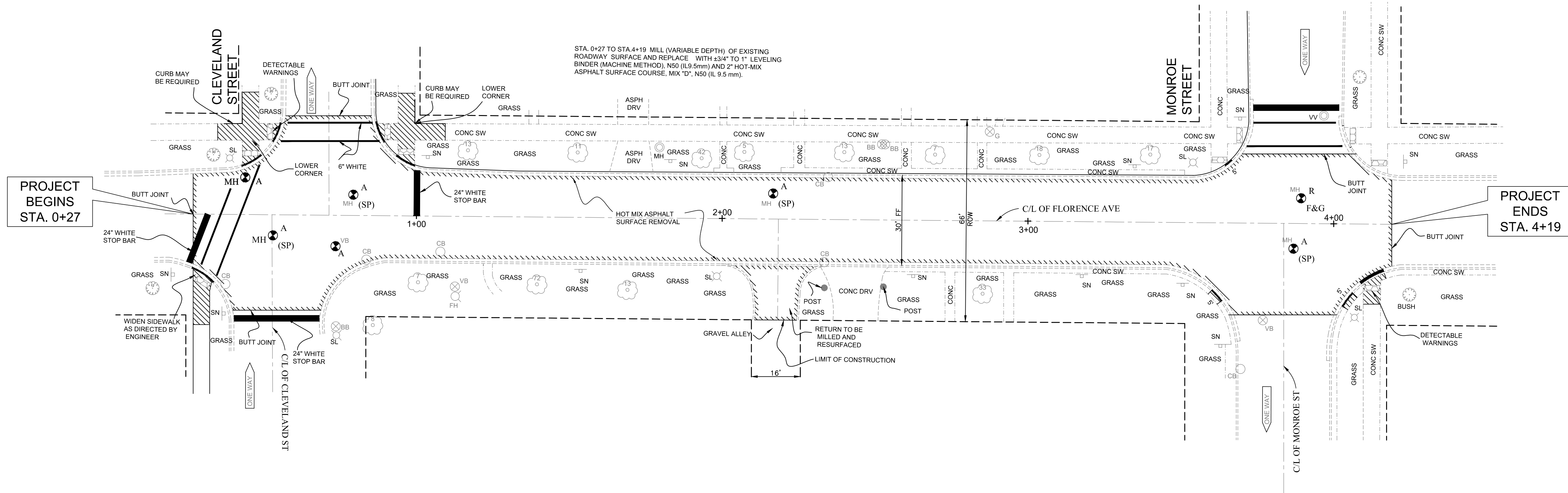
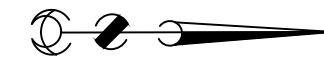
HOT-MIX ASPHALT SURFACE PATCHINGS

ALL LOCATIONS OF SURFACE PATCHES AND NECESSARY PAVEMENT MARKINGS ON ASBURY AVENUE, CENTRAL STREET, RIDGE AVENUE, AND SOUTH BOULEVARD WILL BE FIELD DETERMINED. ALL EXISTING TRAFFIC SIGNAL DETECTOR LOOPS DAMAGED DURING PATCHING OPERATIONS WILL BE REINSTALLED, AS DIRECTED BY ENGINEER.

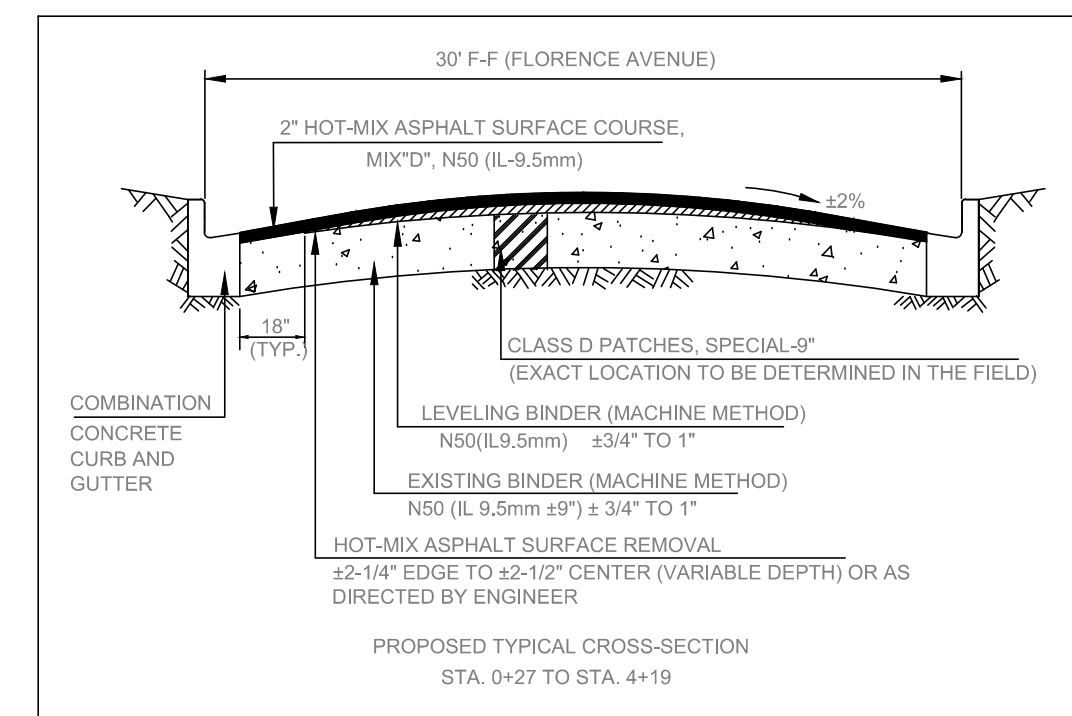
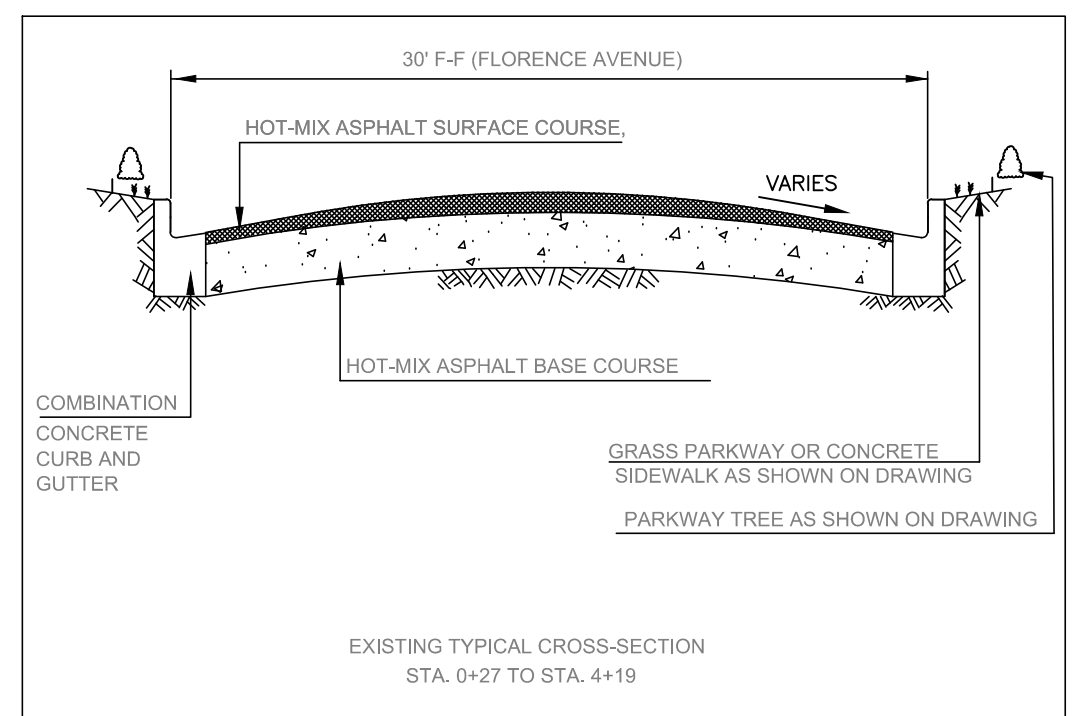
GENERAL NOTES

1. ALL DIMENSIONS SHOWN ON THE PLANS ARE TO THE FACE OF CURB.
2. ANY REFERENCE TO "STANDARDS" THROUGHOUT THE PLANS, SPECIFICATIONS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
3. ALL FULL DEPTH SAW-CUTTING OF EXISTING PAVEMENT, CURB, SIDEWALKS AND SURFACES WHEN REQUIRED FOR REMOVAL OR CONSTRUCTION OR AS DIRECTED BY THE ENGINEER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS PAY ITEMS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION. ALL EXISTING UTILITIES SHALL BE PROTECTED, SUPPORTED AND MAINTAINED IN SERVICE AND RESTORED TO THE CONDITION IN WHICH THEY WERE FOUND, OR BETTER, AT NO EXTRA COST TO THE CONTRACT.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
6. ALL ROAD SIGNS, STREET SIGNS AND TRAFFIC SIGNS WHICH NEED TO BE RELOCATED OR MOVED DUE TO CONSTRUCTION SHALL BE TAKEN DOWN AND STORED BY THE CONTRACTOR AT HIS OWN EXPENSE, EXCEPT THOSE WHICH THE ENGINEER DEEMS NECESSARY FOR PROPER TRAFFIC CONTROL. AFTER COMPLETION OF THE WORK, THE CONTRACTOR SHALL, AT THE DIRECTION OF THE ENGINEER, RESET ALL SAID SIGNS AT THE LOCATION DESIGNATED BY THE ENGINEER.
7. ALL DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS. DRIVEWAYS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR "P.C.C. DRIVEWAY PAVEMENT" OR "INCIDENTAL HOT-MIX ASPHALT SURFACING" PER TON AND "AGGREGATE BASE COURSE, TYPE B-6 INCH" PER SQUARE YARD ACCORDINGLY.
8. ALL NEW TYPE B CURB AND TYPE B6.12 COMBINATION CONCRETE CURB AND GUTTER ADJACENT TO NEW OR EXISTING P.C.C. PAVEMENT OR BASE COURSE SHALL BE PLACED WITH THE BARS IN CONFORMANCE WITH DETAILS SHOWN IN THE DETAIL SHEET AND/OR SPECIFICATIONS. THE COST OF FURNISHING, DRILLING, SETTING THE BARS, MORTARING, ETC. SHALL BE INCLUDED IN THE UNIT PRICE BID PER FOOT FOR THE TYPE OF CURB INDICATED ON THE PLANS.
9. HOT-MIX ASPHALT SURFACE REMOVAL SHALL BE GROUND AS DIRECTED BY RESIDENT ENGINEER BUT NOT LESS THAN 1-1/2" IN DEPTH AND WILL BE PAID FOR "HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)" PER SQUARE YARD. ALL EQUIPMENT FOR SURFACE REMOVAL MUST OPERATE ONLY ON THE STREET. CONTRACTOR SHALL NOT OPERATE ANY EQUIPMENT ON TOP OF THE CURB. ALL NECESSARY MANUAL CHIPPINGS SHALL BE CONSIDERED INCIDENTAL TO THE "HOT-MIX ASPHALT SURFACE REMOVAL" PAY ITEM.
10. THE CONTRACTOR WILL BE REQUIRED TO CONSTRUCT ALL NEW FRAMES AND LIDS IN CONFORMANCE WITH DETAILS OF STANDARD FRAMES AND LIDS SHOWN IN THE PLAN.
11. PROTECTIVE COAT SHALL BE APPLIED TO ALL CONCRETE CURB, CONCRETE CURB AND GUTTER, CONCRETE SIDEWALK, CONCRETE DRIVEWAYS. THIS WORK WILL NOT BE PAID SEPARATELY BUT CONSIDERED INCIDENTAL TO THE CONTRACT.
12. ALL DOWEL AND THE BARS USED FOR P.C.C. PAVEMENT REMOVAL AND REPLACEMENT IN EXISTING CONCRETE BASE COURSE SHALL BE PLACED IN CONFORMANCE WITH THE CONTRACT DRAWINGS AND SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER. ALL THE CLASS "B" PATCHES MUST BE COVERED WITH 1" STEEL PLATE, TO ALLOW THE TRAFFIC TO USE THE STREET. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN UNIT PRICE OF CLASS "B" PATCHES.
13. THE CONTRACTOR SHALL NOT CLOSE THROUGH TRAFFIC MORE THAN ONE BLOCK AND ONE INTERSECTION AT ANY GIVEN TIME.
14. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION TRAFFIC CONTROL AND LANE CLOSURE. ANY TIME DURING PROJECT DETOUR IS REQUIRED, CONTRACTOR NEED TO SUBMIT DETOUR PLANS FOR APPROVAL BY THE CITY. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE OF TRAFFIC CONTROL AND PROTECTION, PAY ITEM.
15. ALL UNBALASTED TYPE I & TYPE II BARRICADES SHALL HAVE TWO SANDBAGS ON THE BOTTOM RAIL.
16. THE CONTRACTOR WILL BE REQUIRED TO RESTORE ALL OLD FRAMES AND LIDS AT THE LOCATION DIRECTED BY THE ENGINEER. THE CITY OF EVANSTON WILL ARRANGE FOR PICK UP AT LATER TIME. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
17. THE CONTRACTOR MUST OBTAIN A FIRE HYDRANT PERMIT IN ORDER TO USE THE CITY WATER. FOR MORE INFORMATION, CONTACT THE WATER DEPARTMENT AT (847)475-6880 OR (847)448-4311
18. IF ANY SOFT OR YIELDING MATERIALS ARE DETECTED AFTER EXCAVATION TO THE PROPOSED SUBGRADE, THE CONTRACTOR WILL, AT THE DIRECTION OF THE ENGINEER, REMOVE THE MATERIAL AND REPLACE IT WITH SUB-BASE GRANULAR MATERIAL, TYPE B. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "EARTH EXCAVATION" AND PER SQUARE YARD FOR "AGGREGATE BASE COURSE TYPE B".
19. ALL ITEMS WITHIN THE EXISTING STREET SCAPE WHICH ARE DAMAGED OR DISTURBED AS A RESULT OF THIS WORK SHALL BE REPLACED TO EQUAL OR BETTER QUALITY AT THE CONTRACTOR'S EXPENSE.
20. THE CONTRACTOR WILL BE REQUIRED TO GIVE ADEQUATE NOTIFICATION TO THE CITY OF EVANSTON METER SHOP PRIOR TO THE RECONNECTION OF ANY BROKEN HOUSE SERVICES. PHONE NUMBER (847)475-6880 OR (847)448-4311
21. THE CONTRACTOR SHALL BE AWARE THAT THERE ARE EXISTING LAWN SPRINKLER SYSTEM LOCATED IN THE PARKWAYS. THE CONTRACTOR WILL BE REQUIRED TO PROTECT THE EXISTING LAWN SPRINKLER SYSTEM. ANY DAMAGED DONE TO THE EXISTING LAWN SPRINKLER SYSTEM SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF PROPERTY OWNER AND ENGINEER.
22. THE CONTRACTOR SHALL NOTIFY AS NECESSARY, ALL TESTING AGENCIES SUFFICIENTLY AN ADVANCE OF CONSTRUCTION. FAILURE OF CONTRACTOR TO ALLOW PROPER NOTIFICATION TIME WHICH RESULTS IN TESTING COMPANIES BEING UNABLE TO VISIT THE SITE AND PERFORM TESTING WILL CAUSE THE CONTRACTOR TO SUSPEND OPERATION TO BE TESTED UNTIL TESTING OPERATIONS. COSTS OF SUSPENSION OF WORK TO BE BORNE BY THE CONTRACTOR.
23. CONSTRUCTION ACTIVITIES MAY OCCUR BETWEEN 7:00AM AND 5:00PM MONDAY THROUGH FRIDAY AND 8:00AM TO 4

FLORENCE AVENUE
(ASPHALT OVER BAM)



- NOTE:**
- (1) TEMPORARY FENCE INSTALLATION AND EARTH SAWCUTS OF TREE ROOTS (ROOT PRUNING) WILL BE FIELD DETERMINED, PRIOR TO ANY REMOVAL OPERATIONS.
 - (2) EXACT LOCATIONS OF THE CLASS "B" PATCHES (HES) AND/OR CLASS "D" PATCHES WILL BE FIELD DETERMINED, AFTER MILLING OF EXISTING ROADWAY SURFACE.
 - (3) THE CONTRACTOR SHALL BE RESPONSIBLE TO VISUALLY FIELD VERIFY ALL STRUCTURES CALLING FOR RECONSTRUCTION OR REPLACEMENT IN ORDER TO DETERMINE THE EXTEND AND MAGNITUDE OF THE WORK REQUIRED. FULL DEPTH SAW CUTTING WILL BE REQUIRED FOR ALL UTILITY WORK.
 - (4) ADDITIONAL CONCRETE REMOVAL AND REPLACEMENT WORK WILL BE FIELD DETERMINED.



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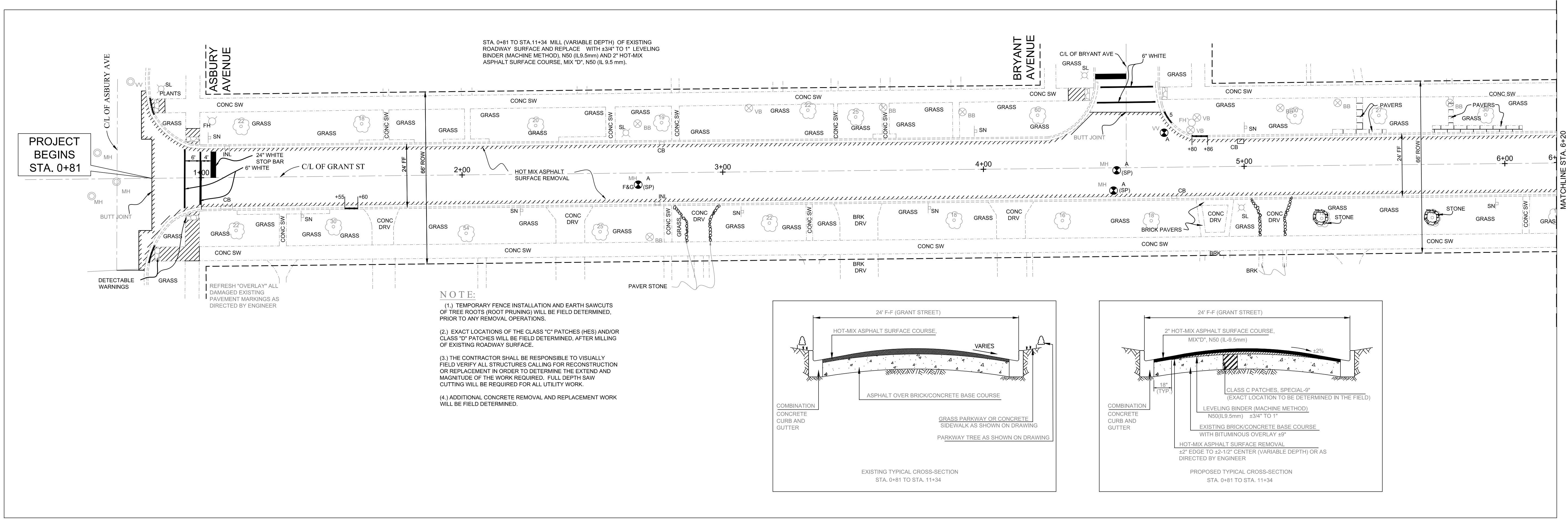
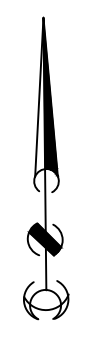
CITY OF EVANSTON
PUBLIC WORKS AGENCY
BUREAU OF CAPITAL PLANNING AND
ENGINEERING

DATE	NO.	REVISION
XX/XX/XXXX	4	
XX/XX/XXXX	3	
XX/XX/XXXX	2	
XX/XX/XXXX	1	

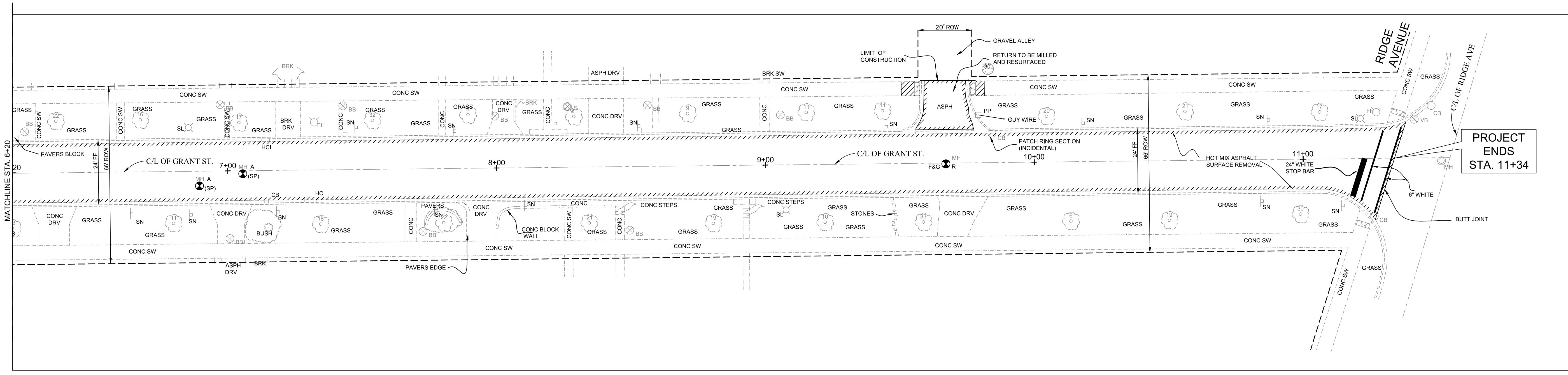
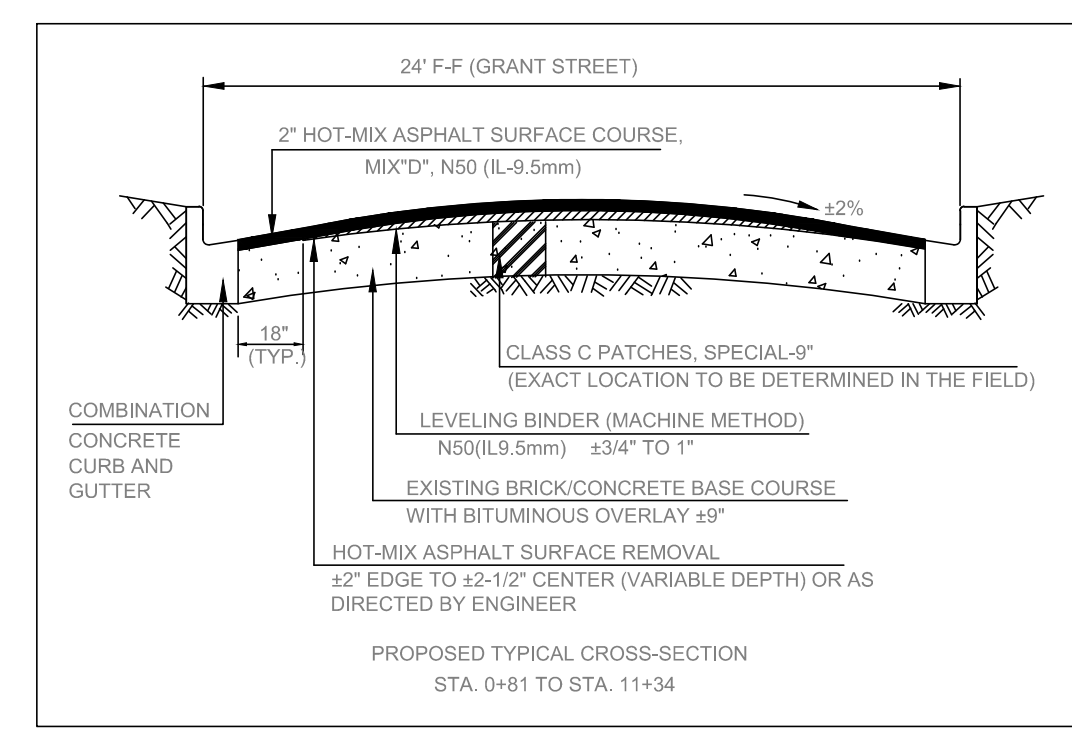
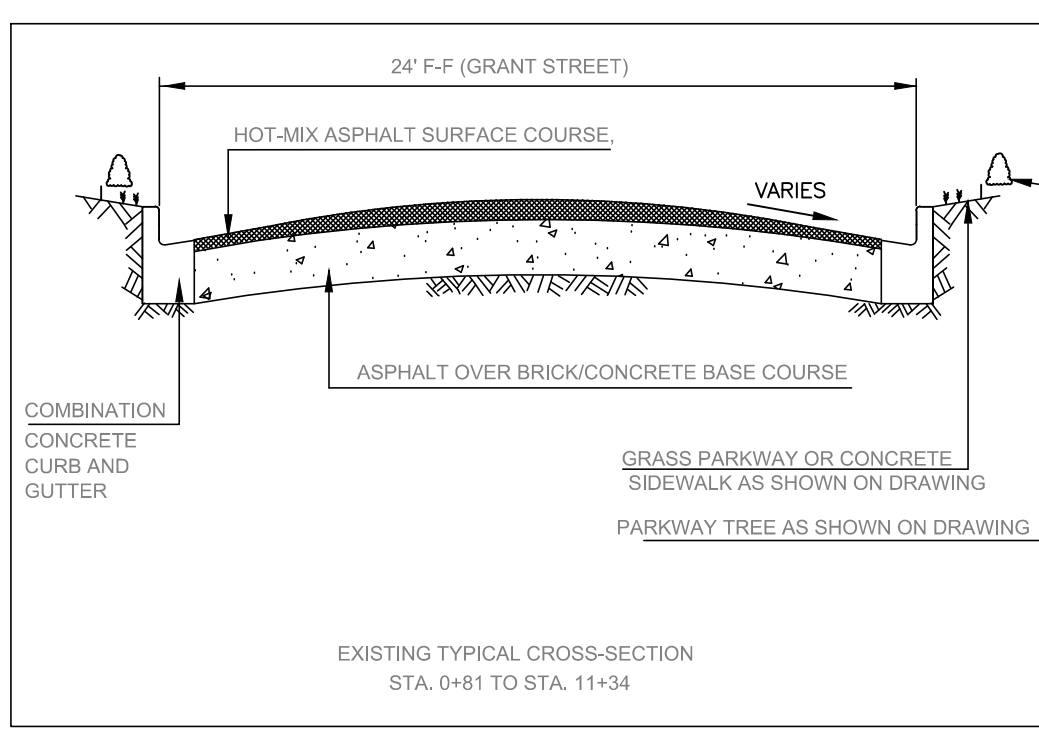
2022 REBUILD IL/MFT RESURFACING PROJECT
FLORENCE AVENUE (Cleveland Street - Monroe Street)

SCALE	PROJECT NUMBER:	ISSUED FOR:	CONSTRUCTION	DESIGNED BY:	SHEET
HORIZONTAL 1" = 20'	22-00292-00-RS			PC	4 OF 36
VERTICAL N/A	BID NUMBER: 22-23	DATE: 02/25/2022		DT	
				SN	

GRANT STREET
(ASPHALT OVER BRICKS/CONCRETE)



- NOTE:**
- (1) TEMPORARY FENCE INSTALLATION AND EARTH SAWCUTS OF TREE ROOTS (ROOT PRUNING) WILL BE FIELD DETERMINED, PRIOR TO ANY REMOVAL OPERATIONS.
 - (2) EXACT LOCATIONS OF THE CLASS "C" PATCHES (HES) AND/OR CLASS "D" PATCHES WILL BE FIELD DETERMINED, AFTER MILLING OF EXISTING ROADWAY SURFACE.
 - (3) THE CONTRACTOR SHALL BE RESPONSIBLE TO VISUALLY FIELD VERIFY ALL STRUCTURES CALLING FOR RECONSTRUCTION OR REPLACEMENT IN ORDER TO DETERMINE THE EXTENT AND MAGNITUDE OF THE WORK REQUIRED. FULL DEPTH SAW CUTTING WILL BE REQUIRED FOR ALL UTILITY WORK.
 - (4) ADDITIONAL CONCRETE REMOVAL AND REPLACEMENT WORK WILL BE FIELD DETERMINED.



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CITY OF EVANSTON
PUBLIC WORKS AGENCY
BUREAU OF CAPITAL PLANNING AND
ENGINEERING

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XX/XX/XXXX	2	
XX/XX/XXXX	1	
DATE	NO.	REVISION

2022 REBUILD IL/MFT RESURFACING PROJECT
GRANT STREET (Asbury Avenue - Ridge Avenue)

SCALE
HORIZONTAL 1" = 20'
VERTICAL N/A

PROJECT NUMBER: PW-22-00292-00-RS
ISSUED FOR: CONSTRUCTION
DATE: 02/25/2022

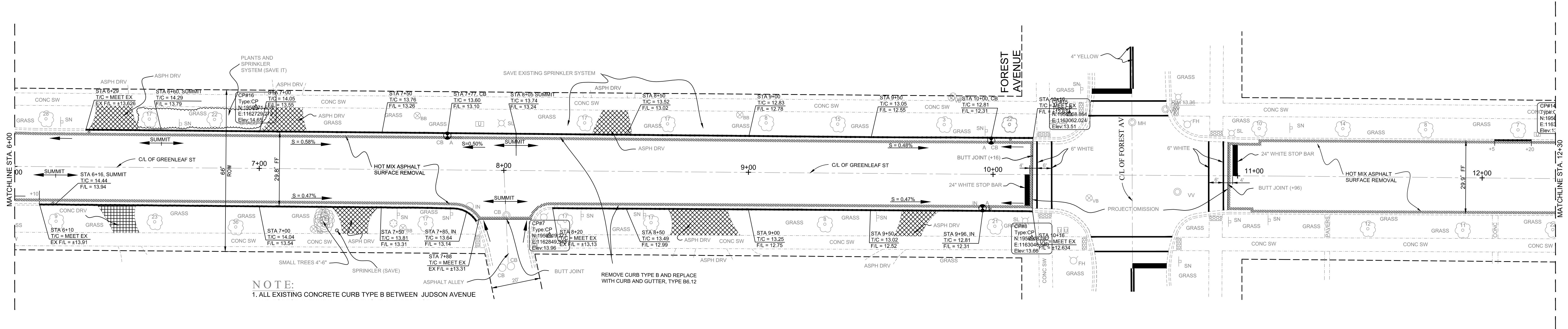
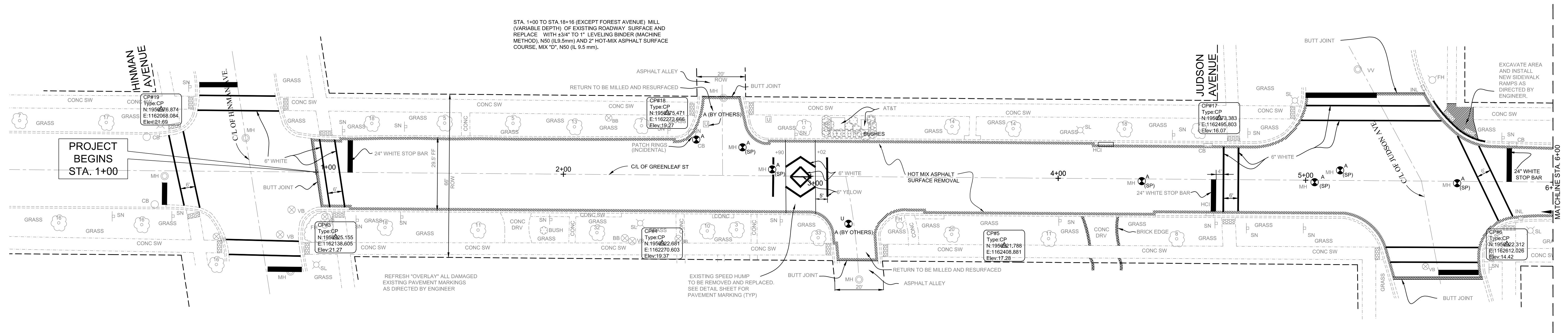
DESIGNED BY: PC
DRAWN BY: DT
CHECKED BY: SN

SHEET
5 OF 36

GREENLEAF STREET
(ASPHALT OVER MACADAM)



STA. 1+00 TO STA. 16+16 (EXCEPT FOREST AVENUE) MILL (VARIABLE DEPTH) OF EXISTING ROADWAY SURFACE AND REPLACE WITH 3/4" TO 1" LEVELING BINDER (MACHINE METHOD), N50 (L9.5mm) AND 2" HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N50 (L 9.5 mm).



NOTE:
1. ALL EXISTING CONCRETE CURB TYPE B BETWEEN JUDSON AVENUE

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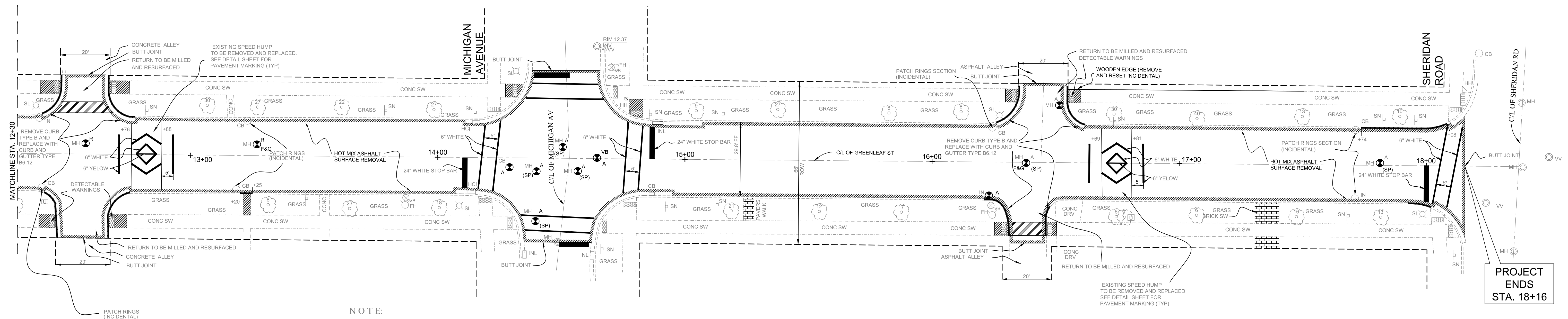
CITY OF EVANSTON
PUBLIC WORKS AGENCY
BUREAU OF CAPITAL PLANNING AND
ENGINEERING

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DATE	NO.	REVISION

2022 REBUILD IL/MFT RESURFACING PROJECT
GREENLEAF STREET (Hinman Avenue - Sheridan Road)

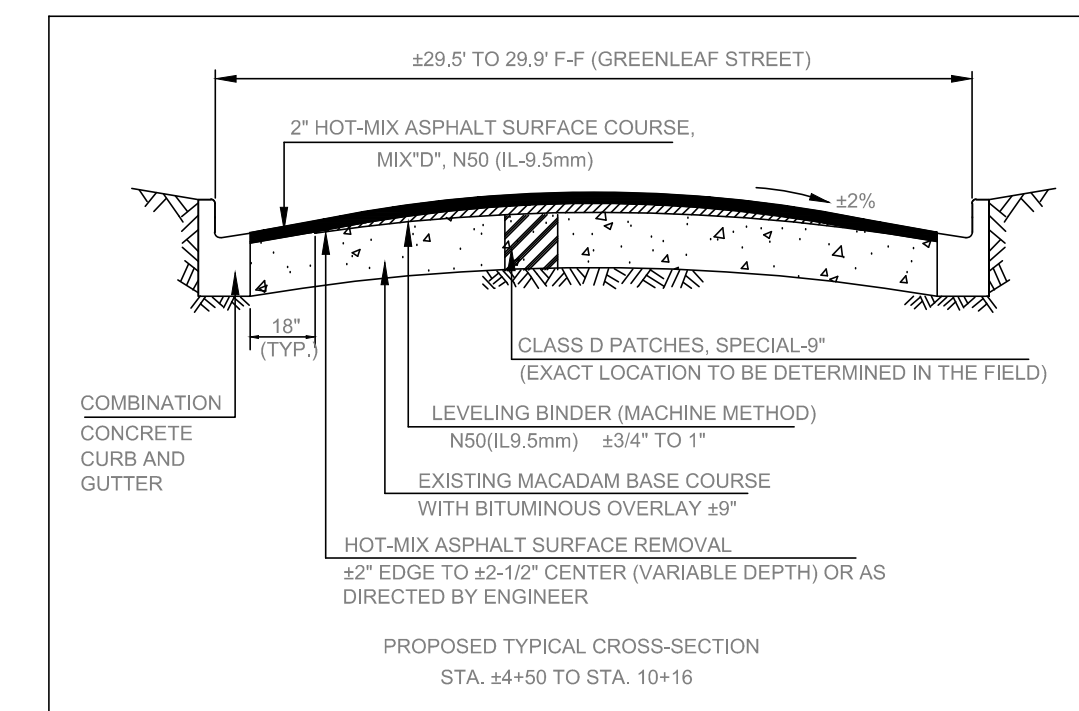
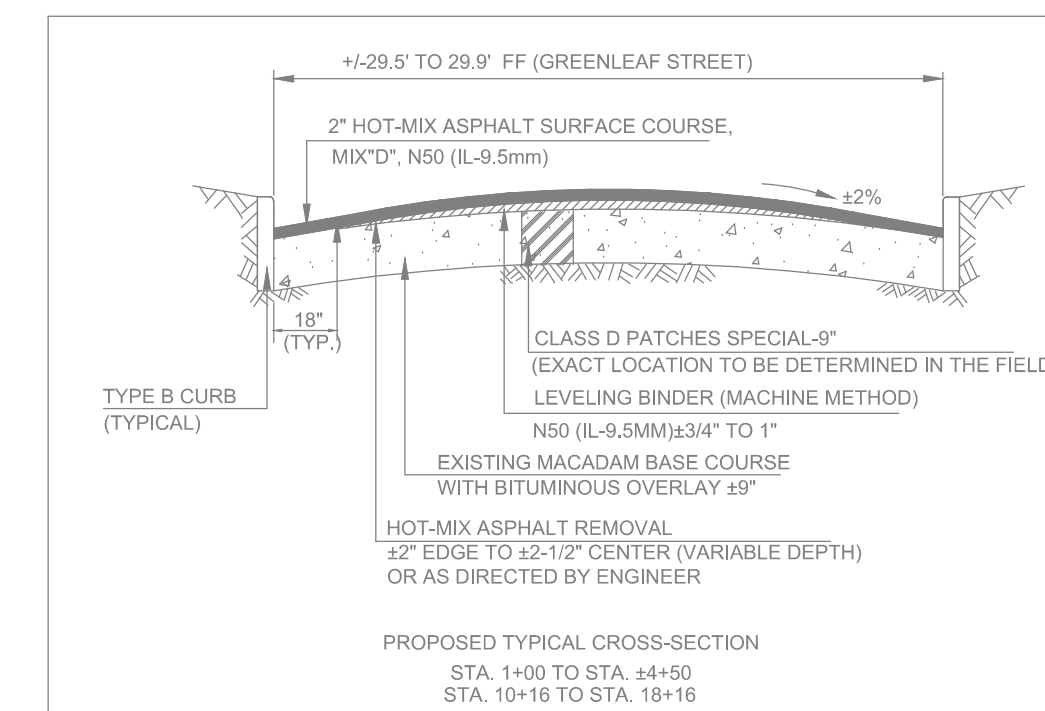
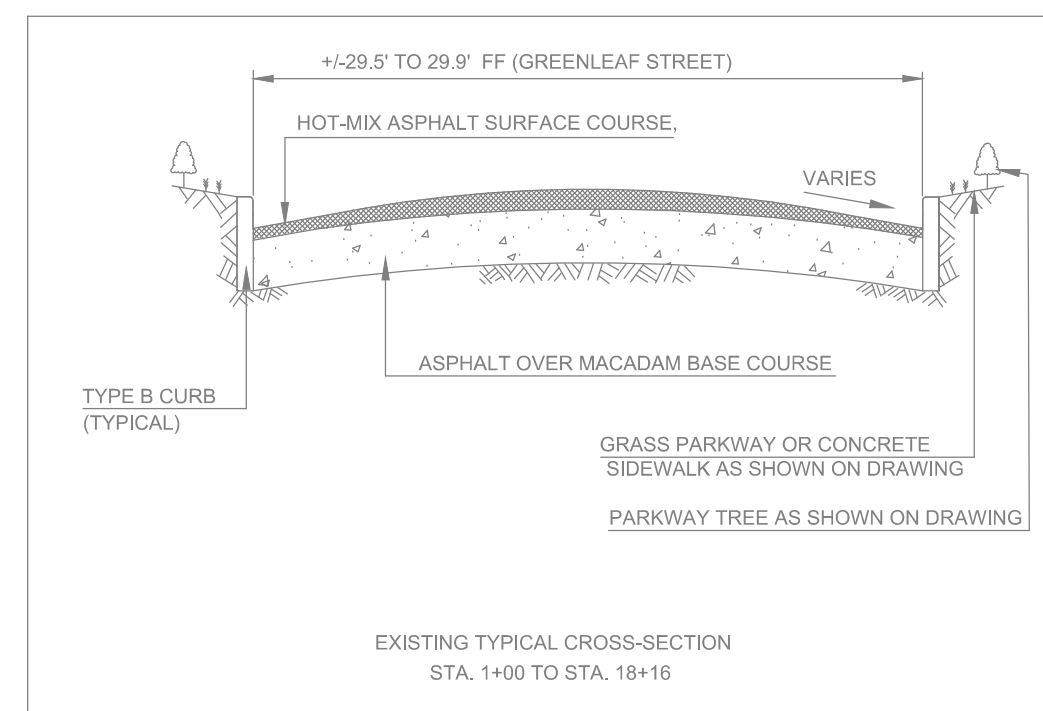
SCALE	PROJECT NUMBER:	22-00292-00-RS	ISSUED FOR:	CONSTRUCTION	DESIGNED BY: PC	SHEET 6 OF 36
HORIZONTAL 1" = 20'	BID NUMBER:	22-23	DATE:	02/25/2022	DRAWN BY: DT	
VERTICAL N/A					CHECKED BY: SN	

GREENLEAF STREET
(ASPHALT OVER MACADAM)



NOTE:

- (1) TEMPORARY FENCE INSTALLATION AND EARTH SAWCUTS OF TREE ROOTS (ROOT PRUNING) WILL BE FIELD DETERMINED, PRIOR TO ANY REMOVAL OPERATIONS.
- (2) HOT-MIX ASPHALT SURFACE REMOVAL FOR SPEED HUMP WILL BE PAID AT THE CONTRACT UNIT PRICE PER SQ.YD. FOR HOT-MIX ASPHALT SURFACE REMOVAL.
- (3) CONTRACTOR WILL BE REQUIRED TO INSTALL SPEED HUMP SEPARATELY. AFTER SURFACE COURSE IS PLACED, SPEED HUMPS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR "INCIDENTAL HOT-MIX ASPHALT SURFACING". BUTT JOINTS FOR SPEED HUMPS WILL BE INCIDENTAL TO THE VARIOUS PAY ITEMS.
- (4) EXACT LOCATIONS OF THE CLASS "C" PATCHES (HES) AND/OR CLASS "D" PATCHES WILL BE FIELD DETERMINED, AFTER MILLING OF EXISTING ROADWAY SURFACE.
- (5) EXISTING TYPE B CURB WILL BE REMOVED AND REPLACED WITH COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 AT STREET AND/OR ALLEY CORNERS, ALSO BETWEEN JUDSON AVENUE AND FOREST AVENUE.
- (6) THE WORK IN NOTE 5 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE BID FOR "PAVEMENT REMOVAL", "CURB REMOVAL", AND "COMBINATION CONCRETE CURB AND GUTTER TYPE B6.12".
- (7) THE CONTRACTOR SHALL BE RESPONSIBLE TO VISUALLY FIELD VERIFY ALL STRUCTURES CALLING FOR RECONSTRUCTION OR REPLACEMENT IN ORDER TO DETERMINE THE EXTEND AND MAGNITUDE OF THE WORK REQUIRED. FULL DEPTH SAW CUTTING WILL BE REQUIRED FOR ALL UTILITY WORK.
- (8) ADDITIONAL CONCRETE REMOVAL AND REPLACEMENT WORK WILL BE FIELD DETERMINED.



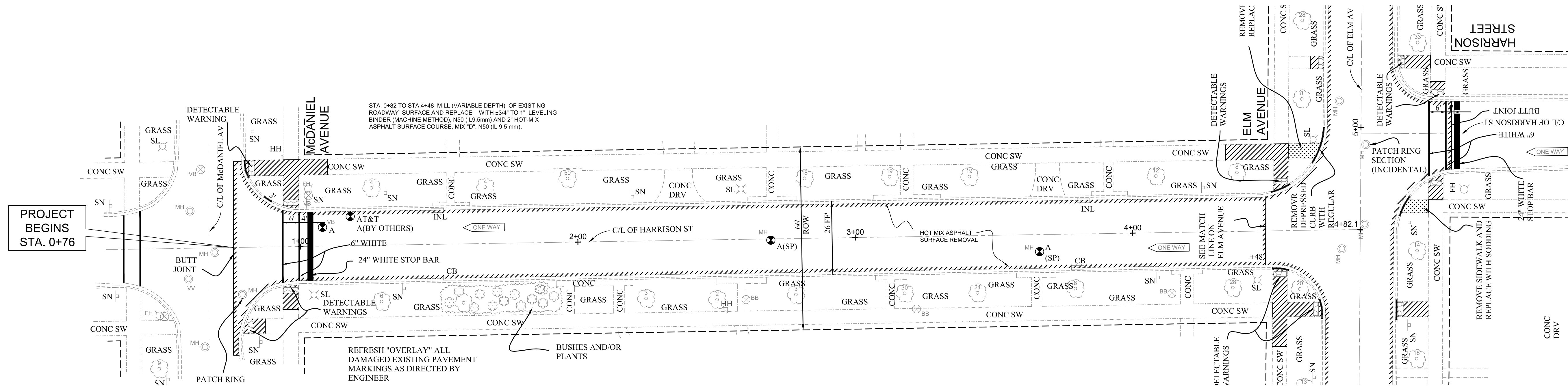
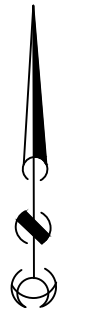
2022 REBUILD IL/MFT RESURFACING PROJECT
GREENLEAF STREET (Hinman Avenue - Sheridan Road)

SCALE	PROJECT NUMBER:	ISSUED FOR:	DESIGNED BY:	SHEET 7 OF 36
HORIZONTAL 1" = 20'	22-00292-00-RS	CONSTRUCTION	PC	
VERTICAL N/A	BID NUMBER: 22-23	DATE: 02/25/2022	DT SN	

DATE	NO.	REVISION
XX/XX/XXXX	4	
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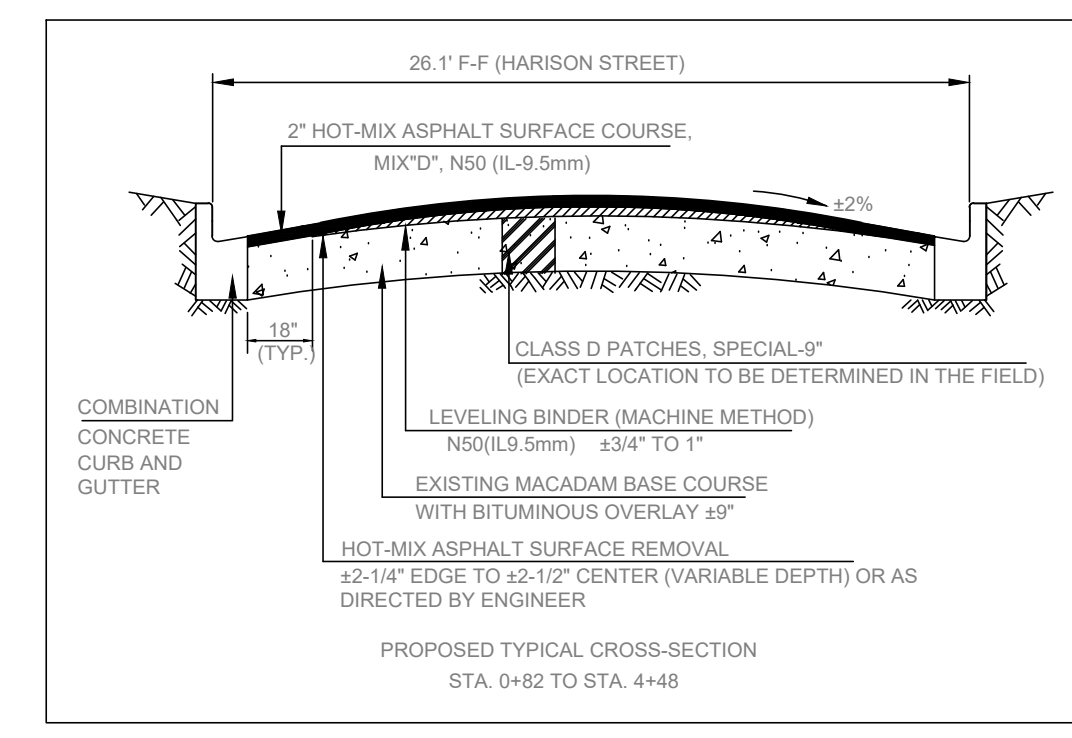
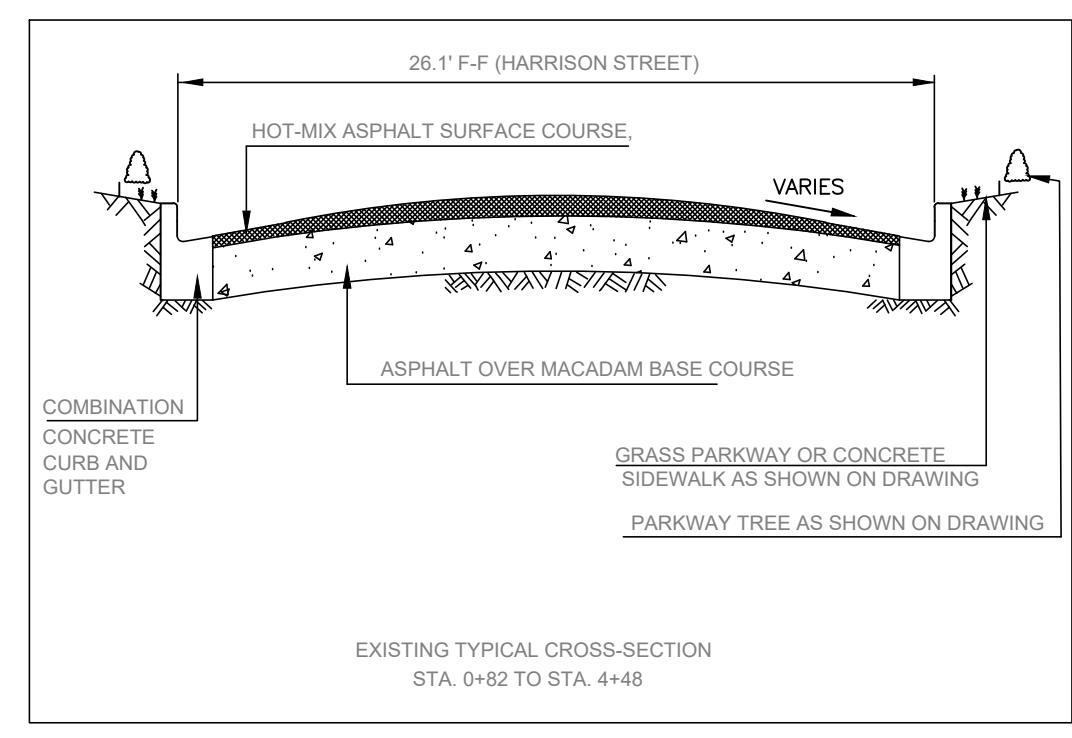
CITY OF EVANSTON
PUBLIC WORKS AGENCY
BUREAU OF CAPITAL PLANNING AND
ENGINEERING

HARRISON STREET
(ASPHALT OVER MACADAM)



NOTE:

- (1) TEMPORARY FENCE INSTALLATION AND EARTH SAWCUTS OF TREE ROOTS (ROOT PRUNING) WILL BE FIELD DETERMINED, PRIOR TO ANY REMOVAL OPERATIONS.
- (2) EXACT LOCATIONS OF THE CLASS "C" PATCHES (HES) AND/OR CLASS "D" PATCHES WILL BE FIELD DETERMINED, AFTER MILLING OF EXISTING ROADWAY SURFACE.
- (3) THE CONTRACTOR SHALL BE RESPONSIBLE TO VISUALLY FIELD VERIFY ALL STRUCTURES CALLING FOR RECONSTRUCTION OR REPLACEMENT IN ORDER TO DETERMINE THE EXTENT AND MAGNITUDE OF THE WORK REQUIRED. FULL DEPTH SAW CUTTING WILL BE REQUIRED FOR ALL UTILITY WORK.
- (4) ADDITIONAL CONCRETE REMOVAL AND REPLACEMENT WORK WILL BE FIELD DETERMINED.



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CITY OF EVANSTON
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ENGINEERING

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DATE	NO.	REVISION

2022 REBUILD IL/MFT RESURFACING PROJECT
HARRISON STREET (McDaniel Avenue - Elm Avenue)

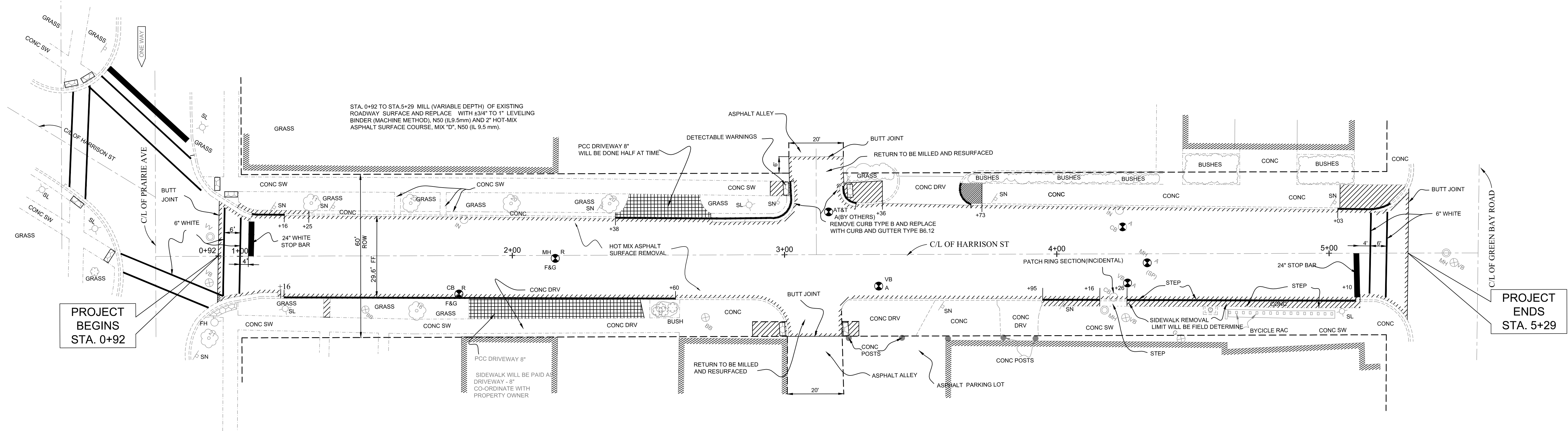
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HORIZONTAL	1" = 20'
VERTICAL	1" = N/A

PROJECT NUMBER:	22-00292-00-RS
BID NUMBER:	22-23

ISSUED FOR:	CONSTRUCTION
DATE:	02/25/2022

DESIGNED BY:	PC
DRAWN BY:	DT
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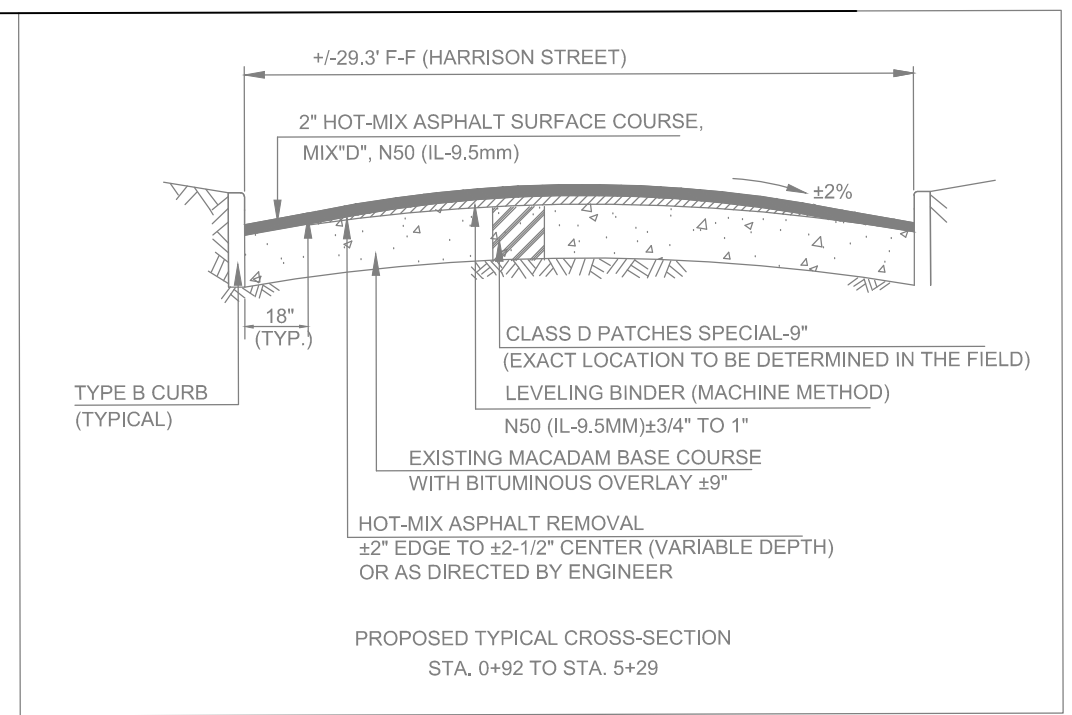
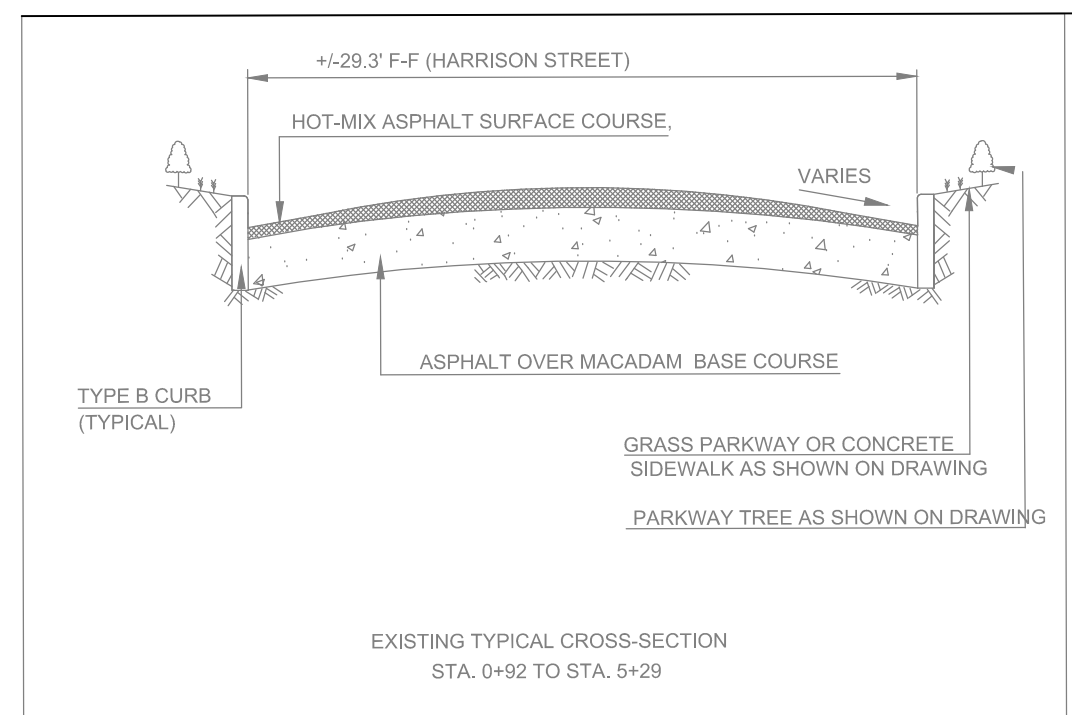
HARRISON STREET
(ASPHALT OVER MACADAM)



PROJECT BEGINS STA. 0+92

PROJECT ENDS STA. 5+29

- NOTE:**
- TEMPORARY FENCE INSTALLATION AND EARTH SAWCUTS OF TREE ROOTS (ROOT PRUNING) WILL BE FIELD DETERMINED, PRIOR TO ANY REMOVAL OPERATIONS.
 - EXACT LOCATIONS OF THE CLASS "C" PATCHES (HES) AND/OR CLASS "D" PATCHES WILL BE FIELD DETERMINED, AFTER MILLING OF EXISTING ROADWAY SURFACE.
 - EXISTING TYPE B CURB WILL BE REMOVED AND REPLACED WITH COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12, AT STREET AND/OR ALLEY CORNERS.
 - THE WORK IN NOTE 3 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE BID FOR "PAVEMENT REMOVAL", "CURB REMOVAL", AND "COMBINATION CONCRETE CURB AND GUTTER TYPE B6.12".
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO VISUALLY FIELD VERIFY ALL STRUCTURES CALLING FOR RECONSTRUCTION OR REPLACEMENT IN ORDER TO DETERMINE THE EXTENT AND MAGNITUDE OF THE WORK REQUIRED. FULL DEPTH SAW CUTTING WILL BE REQUIRED FOR ALL UTILITY WORK.
 - ADDITIONAL CONCRETE REMOVAL AND REPLACEMENT WORK WILL BE FIELD DETERMINED.



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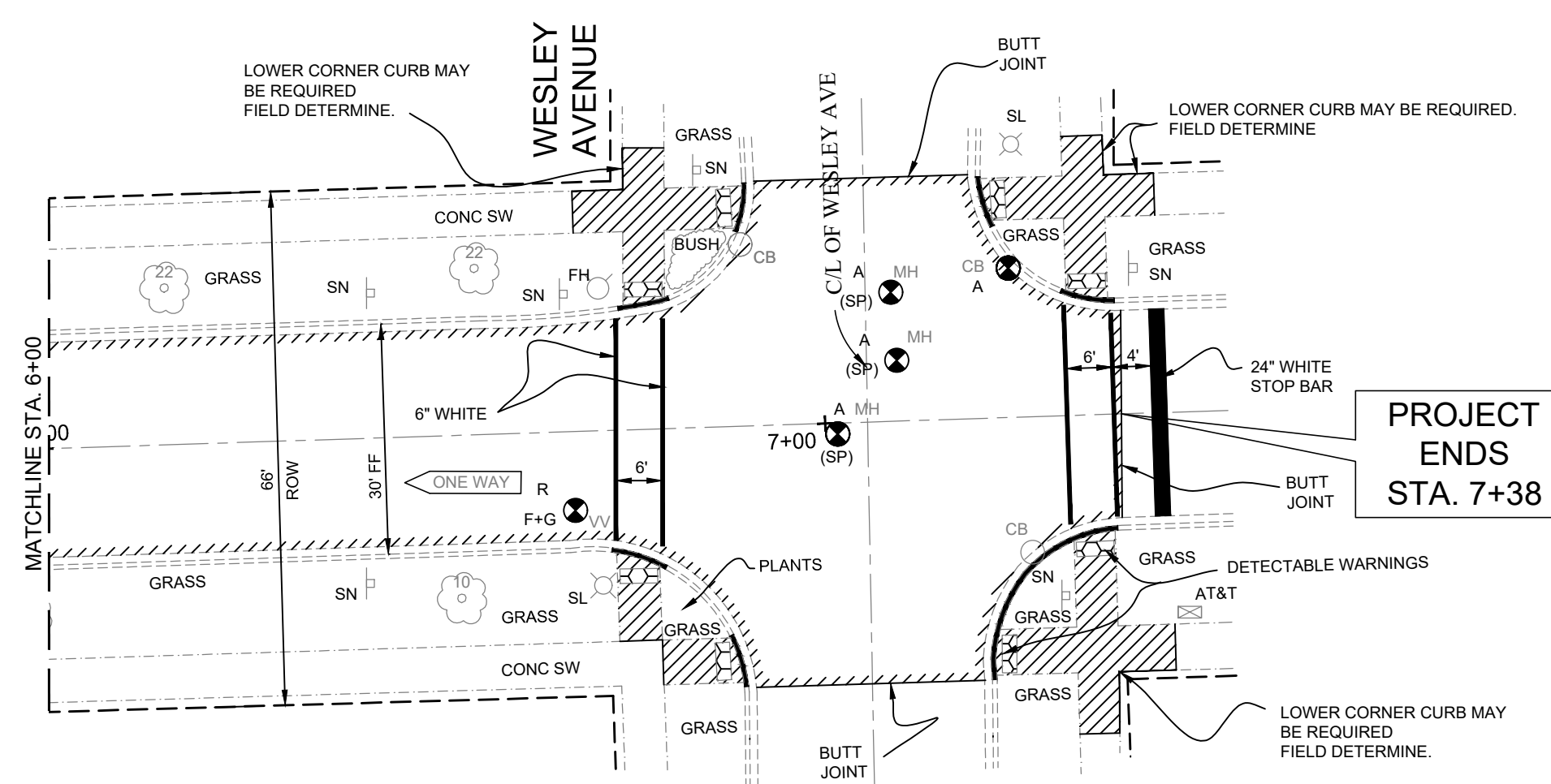
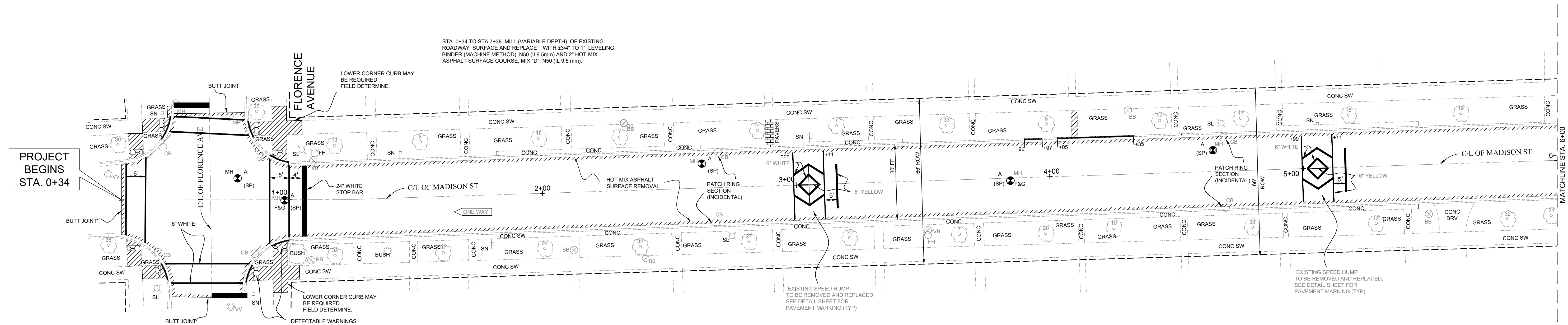
CITY OF EVANSTON
PUBLIC WORKS AGENCY
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DATE	NO.	REVISION

**2022 REBUILD IL/MFT RESURFACING PROJECT
HARRISON STREET (PRAIRIE AVE TO GREEN BAY RD)**

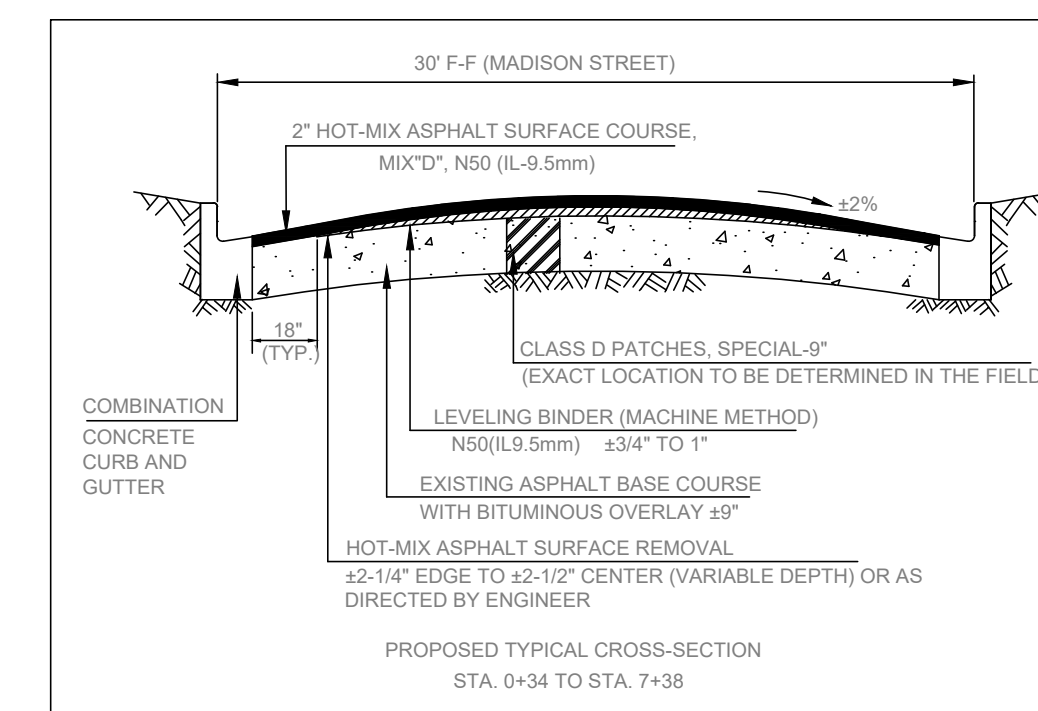
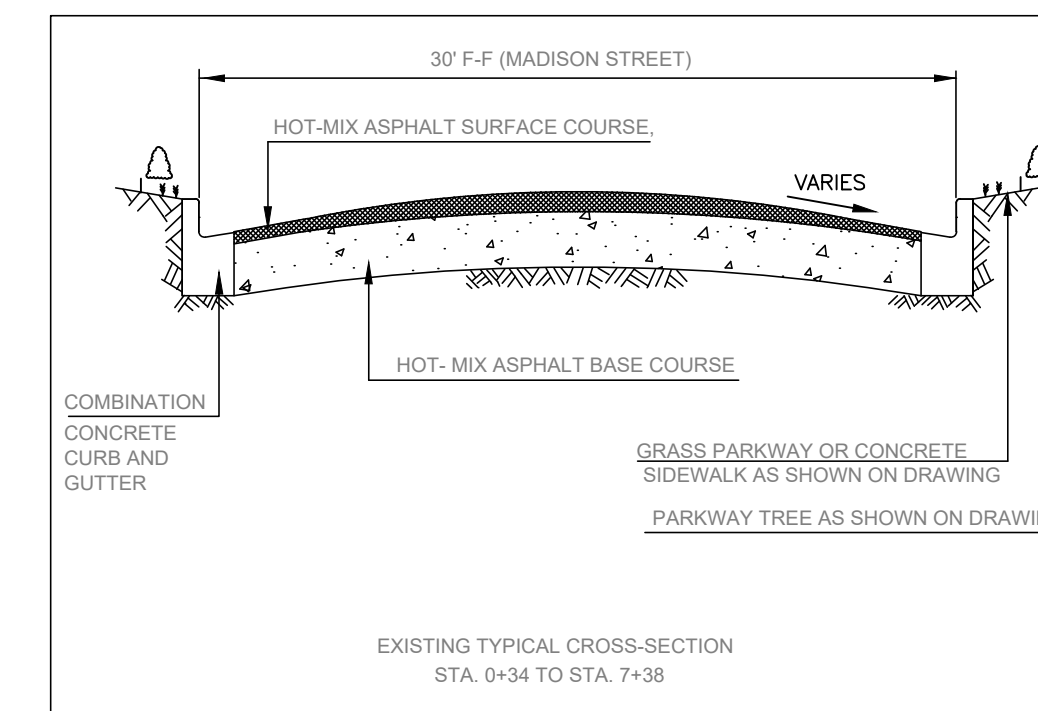
SCALE HORIZONTAL 1" = 20' VERTICAL N/A	PROJECT NUMBER:	22-00292-00-RS	ISSUED FOR:	CONSTRUCTION	DESIGNED BY: PC
	BID NUMBER:	22-23	DATE:	02/25/2022	DRAWN BY: DT
					CHECKED BY: SN
					SHEET 9 OF 36

MADISON STREET
(ASPHALT OVER HMA)



NOTE:

- (1) TEMPORARY FENCE INSTALLATION AND EARTH SAWCUTS OF TREE ROOTS (ROOT PRUNING) WILL BE FIELD DETERMINED, PRIOR TO ANY REMOVAL OPERATIONS.
- (2) HOT-MIX ASPHALT SURFACE REMOVAL FOR SPEED HUMP WILL BE PAID AT THE CONTRACT UNIT PRICE PER SQ.YD. FOR HOT-MIX ASPHALT SURFACE REMOVAL.
- (3) CONTRACTOR WILL BE REQUIRED TO INSTALL SPEED HUMP SEPARATELY. AFTER SURFACE COURSE IS PLACED, SPEED HUMPS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR "INCIDENTAL HOT-MIX ASPHALT SURFACING" BUTT JOINTS FOR SPEED HUMPS WILL BE "INCIDENTAL TO THE VARIOUS PAY ITEMS.
- (4) EXACT LOCATIONS OF THE CLASS "D" PATCHES (HES) AND/OR CLASS "D" PATCHES WILL BE FIELD DETERMINED, AFTER MILLING OF EXISTING ROADWAY SURFACE.
- (5) THE CONTRACTOR SHALL BE RESPONSIBLE TO VISUALLY FIELD VERIFY ALL STRUCTURES CALLING FOR RECONSTRUCTION OR REPLACEMENT IN ORDER TO DETERMINE THE EXTENT AND MAGNITUDE OF THE WORK REQUIRED. FULL DEPTH SAW CUTTING WILL BE REQUIRED FOR ALL UTILITY WORK.
- (6) ADDITIONAL CONCRETE REMOVAL AND REPLACEMENT WORK WILL BE FIELD DETERMINED.

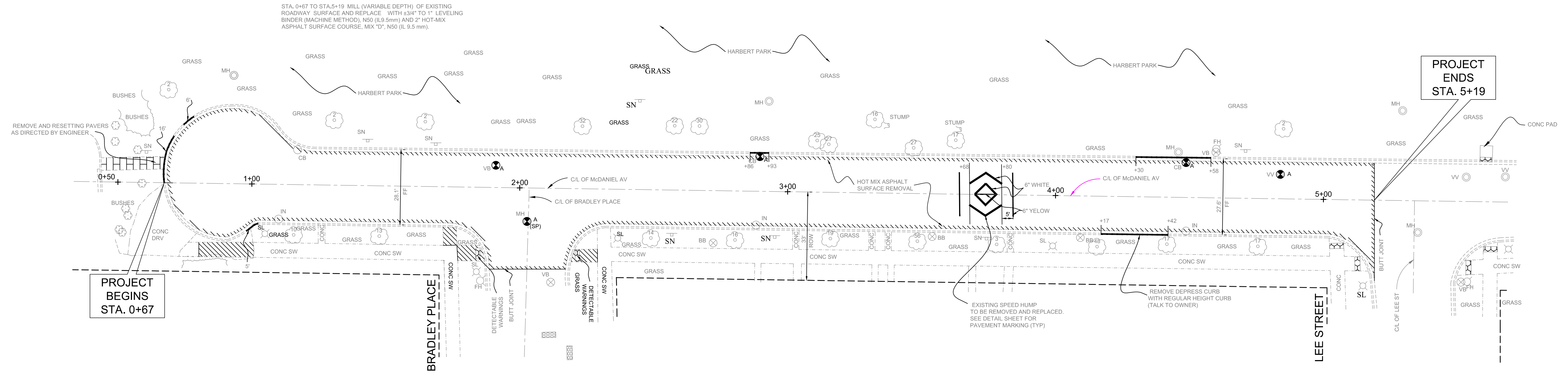
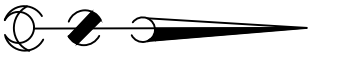


2022 REBUILD IL/MFT RESURFACING PROJECT
MADISON STREET (Florence Avenue - Wesley Avenue)

SCALE	PROJECT NUMBER:	22-00292-00-RS	ISSUED FOR:	CONSTRUCTION	DESIGNED BY: PC	SHEET 10 OF 36
HORIZONTAL 1" = 20'	BID NUMBER:	22-23	DATE:	02/25/2022	DRAWN BY: DT	
VERTICAL NONE	CHECKED BY: SN					

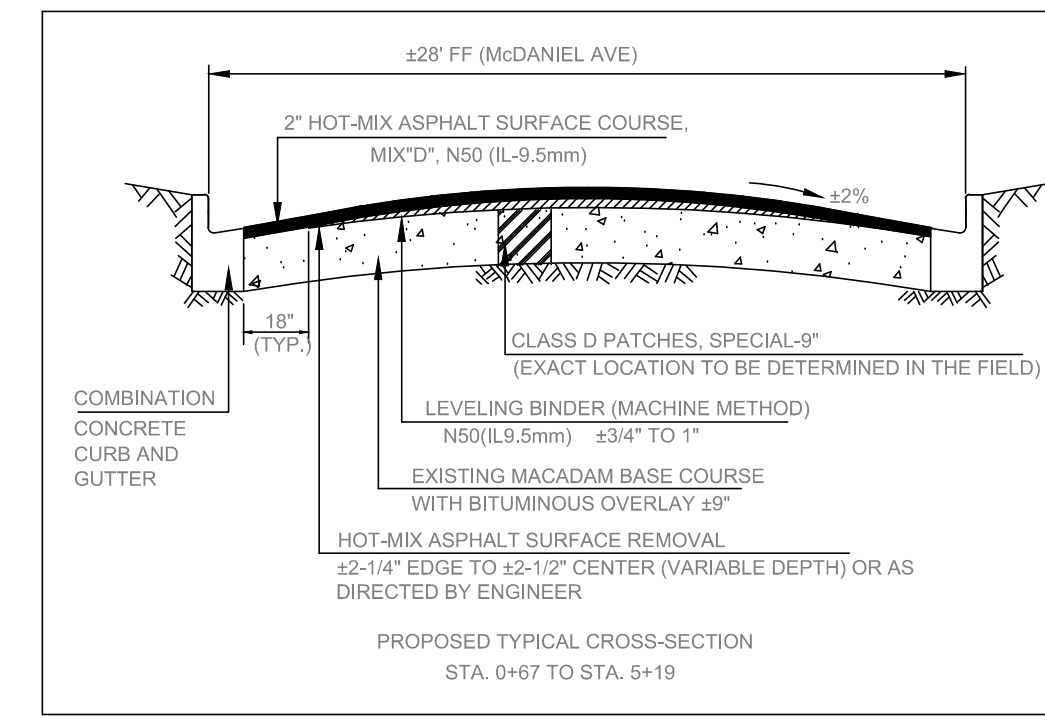
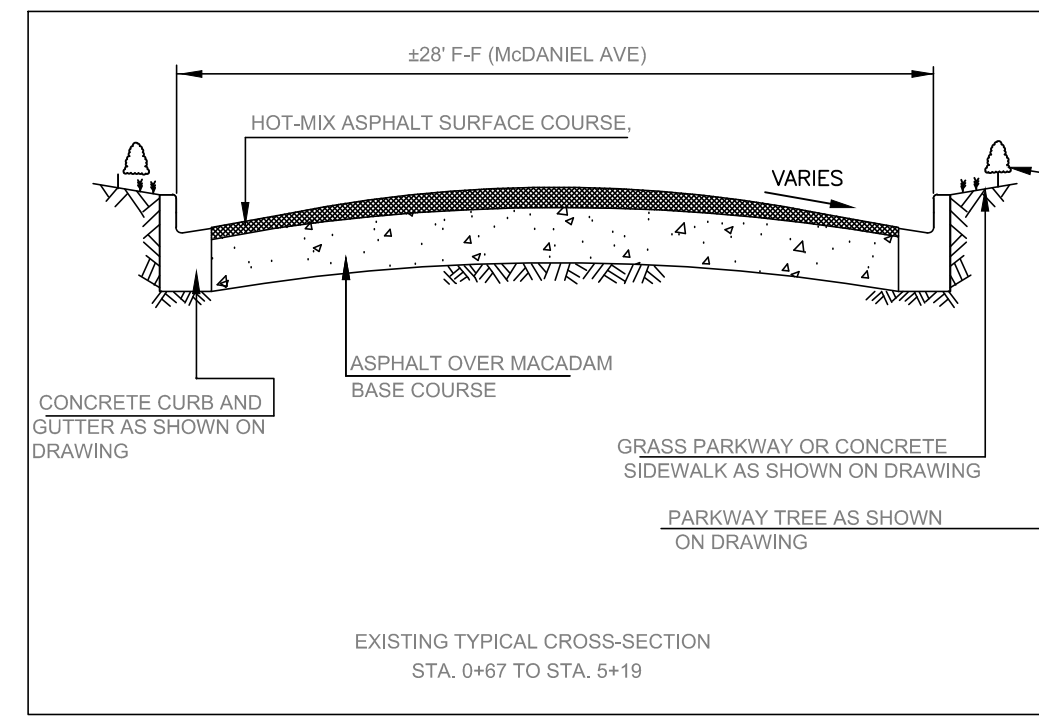
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DATE	NO.	REVISION

McDANIEL AVENUE
(ASPHALT OVER MACADAM)



NOTE:

- (1.) TEMPORARY FENCE INSTALLATION AND EARTH SAWCUTS OF TREE ROOTS (ROOT PRUNING) WILL BE FIELD DETERMINED, PRIOR TO ANY REMOVAL OPERATIONS.
- (2.) HOT-MIX ASPHALT SURFACE REMOVAL FOR SPEED HUMP WILL BE PAID AT THE CONTRACT UNIT PRICE PER SQ.YD. FOR HOT-MIX ASPHALT SURFACE REMOVAL.
- (3.) CONTRACTOR WILL BE REQUIRED TO INSTALL SPEED HUMP SEPARATELY. AFTER SURFACE COURSE IS PLACED, SPEED HUMPS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR "INCIDENTAL HOT-MIX ASPHALT SURFACING". BUTT JOINTS FOR SPEED HUMPS WILL BE INCIDENTAL TO THE VARIOUS PAY ITEMS.
- (4.) EXACT LOCATIONS OF THE CLASS "C" PATCHES (HES) AND/OR CLASS "D" PATCHES WILL BE FIELD DETERMINED, AFTER MILLING OF EXISTING ROADWAY SURFACE.
- (5.) THE CONTRACTOR SHALL BE RESPONSIBLE TO VISUALLY FIELD VERIFY ALL STRUCTURES CALLING FOR RECONSTRUCTION OR REPLACEMENT IN ORDER TO DETERMINE THE EXTEND AND MAGNITUDE OF THE WORK REQUIRED. FULL DEPTH SAW CUTTING WILL BE REQUIRED FOR ALL UTILITY WORK.
- (6.) ADDITIONAL CONCRETE REMOVAL AND REPLACEMENT WORK WILL BE FIELD DETERMINED.



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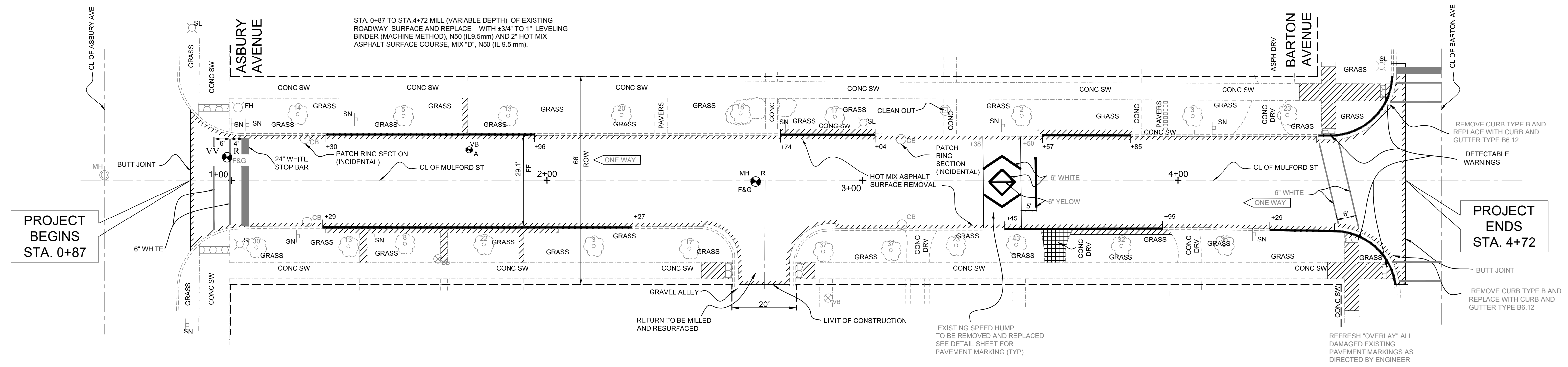
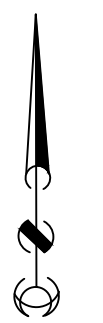
CITY OF EVANSTON
PUBLIC WORKS AGENCY
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DATE	NO.	REVISION

2022 REBUILD IL/MFT RESURFACING PROJECT
McDaniel Avenue (South Dead End - Lee Street)

SCALE	PROJECT NUMBER:	22-00292-00-RS	ISSUED FOR:	CONSTRUCTION	DESIGNED BY: PC	SHEET 11 OF 36
HORIZONTAL 1" = 20'	BID NUMBER:	22-23	DATE:	02/25/2022	DRAWN BY: DT	
VERTICAL NONE					CHECKED BY: SN	

MULFORD STREET
(ASPHALT OVER CONCRETE)

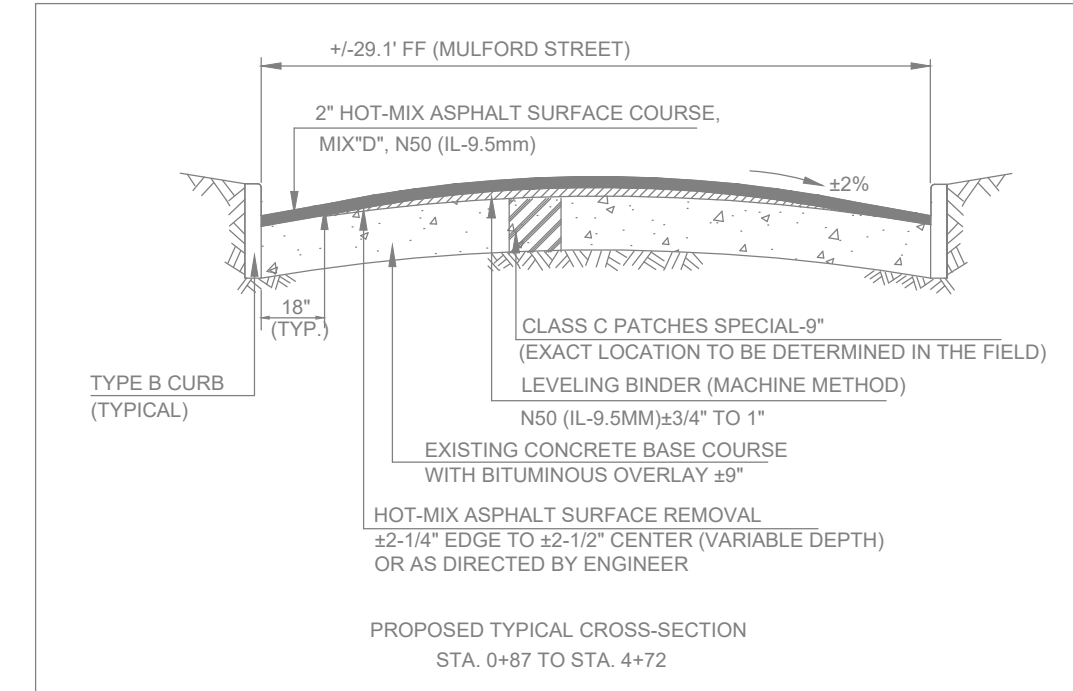
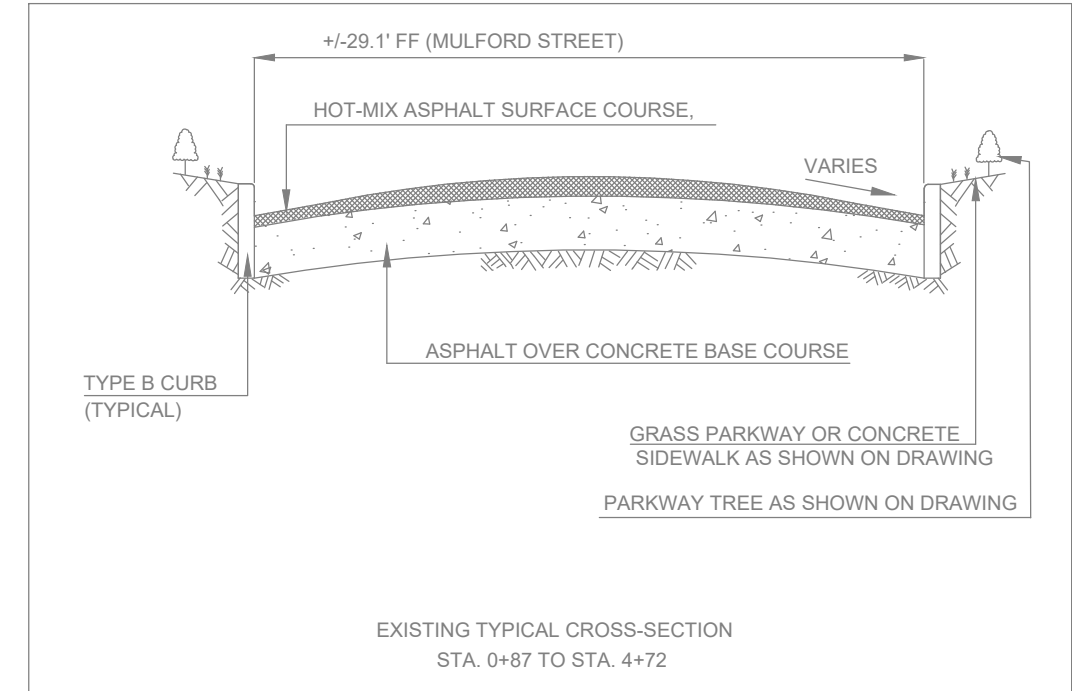


PROJECT BEGINS
STA. 0+87

PROJECT ENDS
STA. 4+72

CONTRACTOR WILL BE REQUIRED TO PLACE SURFACE COURSE IN SUCH A MANNER THAT IT WILL NOT BE HIGHER THAN ALL EXISTING DRIVEWAYS.

- NOTE:**
- (1) TEMPORARY FENCE INSTALLATION AND EARTH SAWCUTS OF TREE ROOTS (ROOT PRUNING) WILL BE FIELD DETERMINED, PRIOR TO ANY REMOVAL OPERATIONS.
 - (2) HOT-MIX ASPHALT SURFACE REMOVAL FOR SPEED HUMP WILL BE PAID AT THE CONTRACT UNIT PRICE PER SQ.YD. FOR HOT-MIX ASPHALT SURFACE REMOVAL.
 - (3) CONTRACTOR WILL BE REQUIRED TO INSTALL SPEED HUMP SEPARATELY AFTER SURFACE COURSE IS PLACED. SPEED HUMPS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR "INCIDENTAL HOT-MIX ASPHALT SURFACING". BUTT JOINTS FOR SPEED HUMPS WILL BE INCIDENTAL TO THE VARIOUS PAY ITEMS.
 - (4) EXACT LOCATIONS OF THE CLASS "C" PATCHES (HES) AND/OR CLASS "D" PATCHES WILL BE FIELD DETERMINED, AFTER MILLING OF EXISTING ROADWAY SURFACE.
 - (5) EXISTING TYPE B CURB WILL BE REMOVED AND REPLACED WITH COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12 AT STREET AND/OR ALLEY CORNERS.
 - (6) THE WORK IN NOTE 5 WILL BE PAID FOR AT THE CONTRACT UNIT PRICE BID FOR "PAVEMENT REMOVAL", "CURB REMOVAL", AND "COMBINATION CONCRETE CURB AND GUTTER TYPE B6.12".
 - (7) THE CONTRACTOR SHALL BE RESPONSIBLE TO VISUALLY FIELD VERIFY ALL STRUCTURES CALLING FOR RECONSTRUCTION OR REPLACEMENT IN ORDER TO DETERMINE THE EXTENT AND MAGNITUDE OF THE WORK REQUIRED. FULL DEPTH SAW CUTTING WILL BE REQUIRED FOR ALL UTILITY WORK.
 - (8) ADDITIONAL CONCRETE REMOVAL AND REPLACEMENT WORK WILL BE FIELD DETERMINED.



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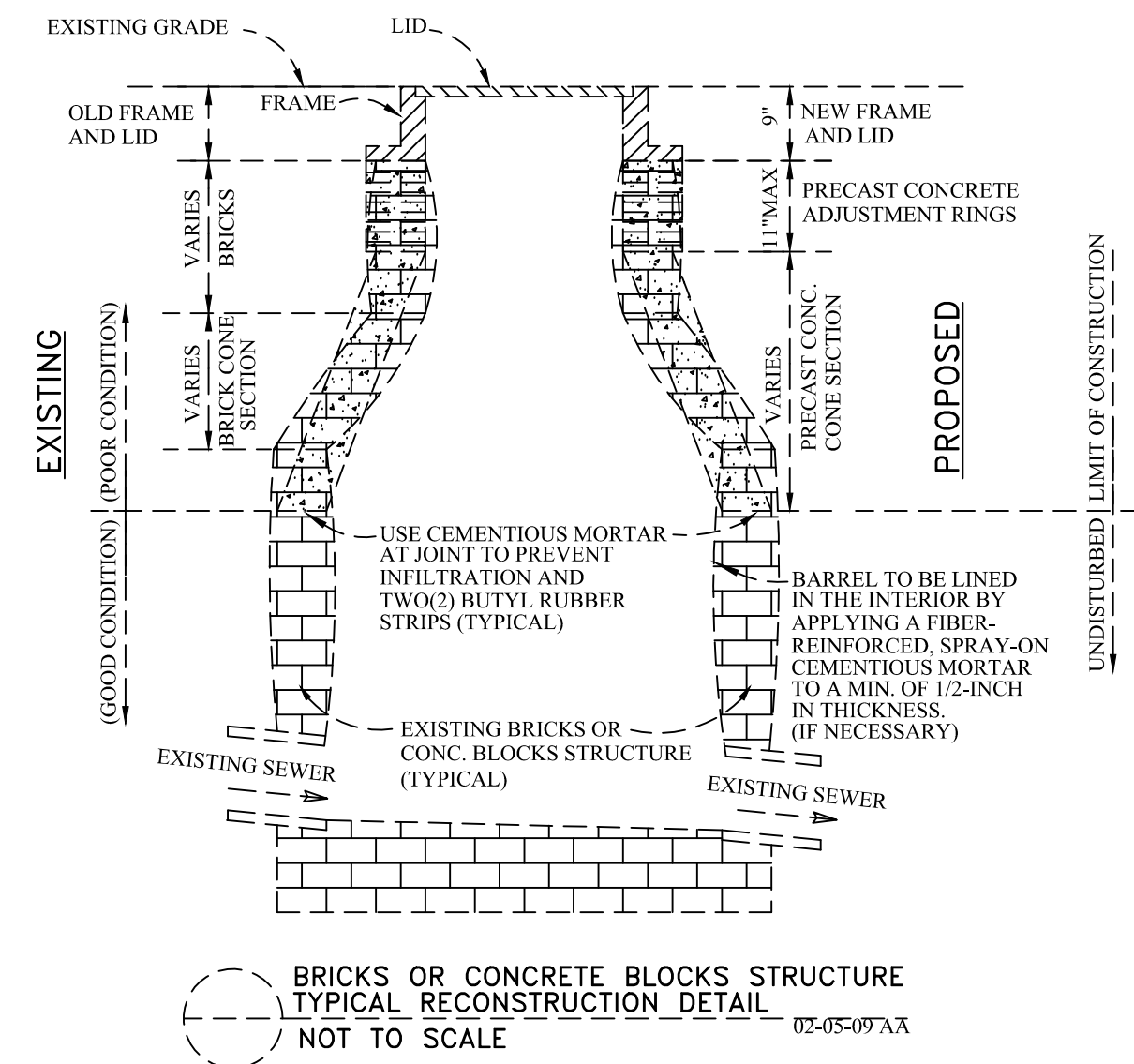
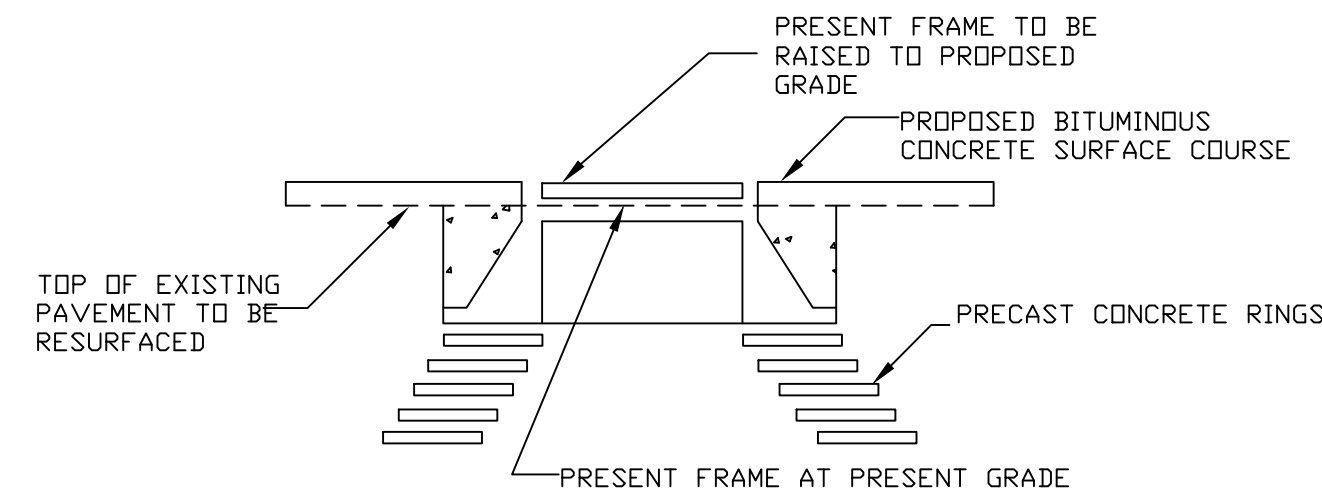
CITY OF EVANSTON
PUBLIC WORKS AGENCY
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ENGINEERING

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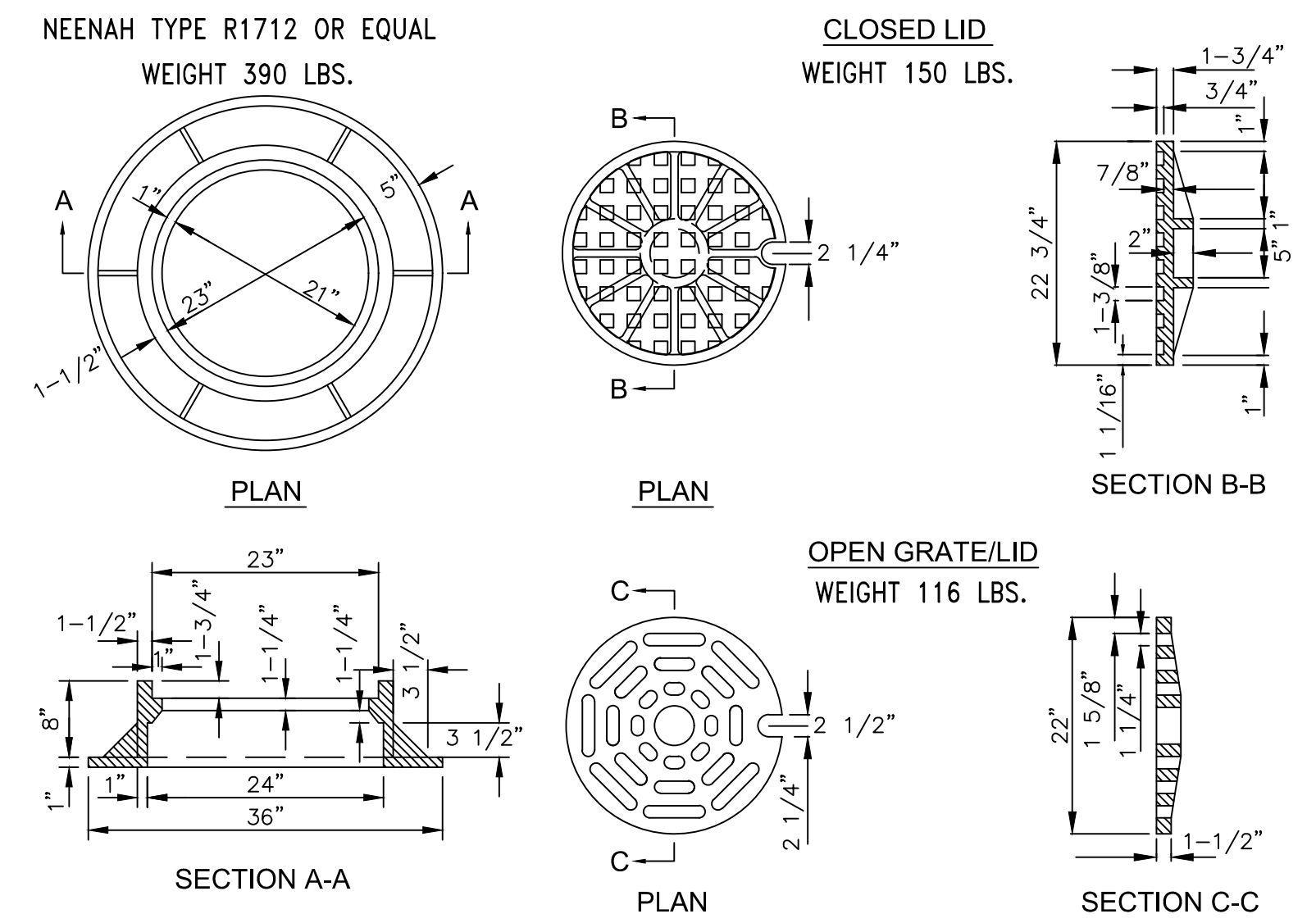
2022 REBUILD IL/MFT RESURFACING PROJECT
MULFORD STREET (Asbury Avenue - Barton Avenue)

SCALE HORIZONTAL 1" = 20' VERTICAL NONE	PROJECT NUMBER: 22-00292-00-RS	ISSUED FOR: CONSTRUCTION	DESIGNED BY: PC	SHEET 12 OF 36
	BID NUMBER: 22-23	DATE: 02/25/2022	DRAWN BY: DT	
			CHECKED BY: SN	

FRAME AND GRATE ADJUSTMENT DETAIL (MH, CB, IN, VV)



STANDARD DETAILS OF TYPE 1 FRAME AND GRATE/LID



FRAME

GRATE/LID

NOTE: THE DIAMETER OF THE LID SHALL BE SUCH AS TO FIT THE FRAME WITHOUT WEDGING

PIPE MATERIAL SPECIFICATION

WHERE POLYVINYL CHLORIDE PIPE (P.V.C.) IS CALLED FOR ON THE CONTRACT PLANS, IT SHALL BE SDR 26 IN CONFORMANCE WITH:

6" TO 15" PIPE ASTM D-3034
18" OR LARGER PIPE ASTM F-679

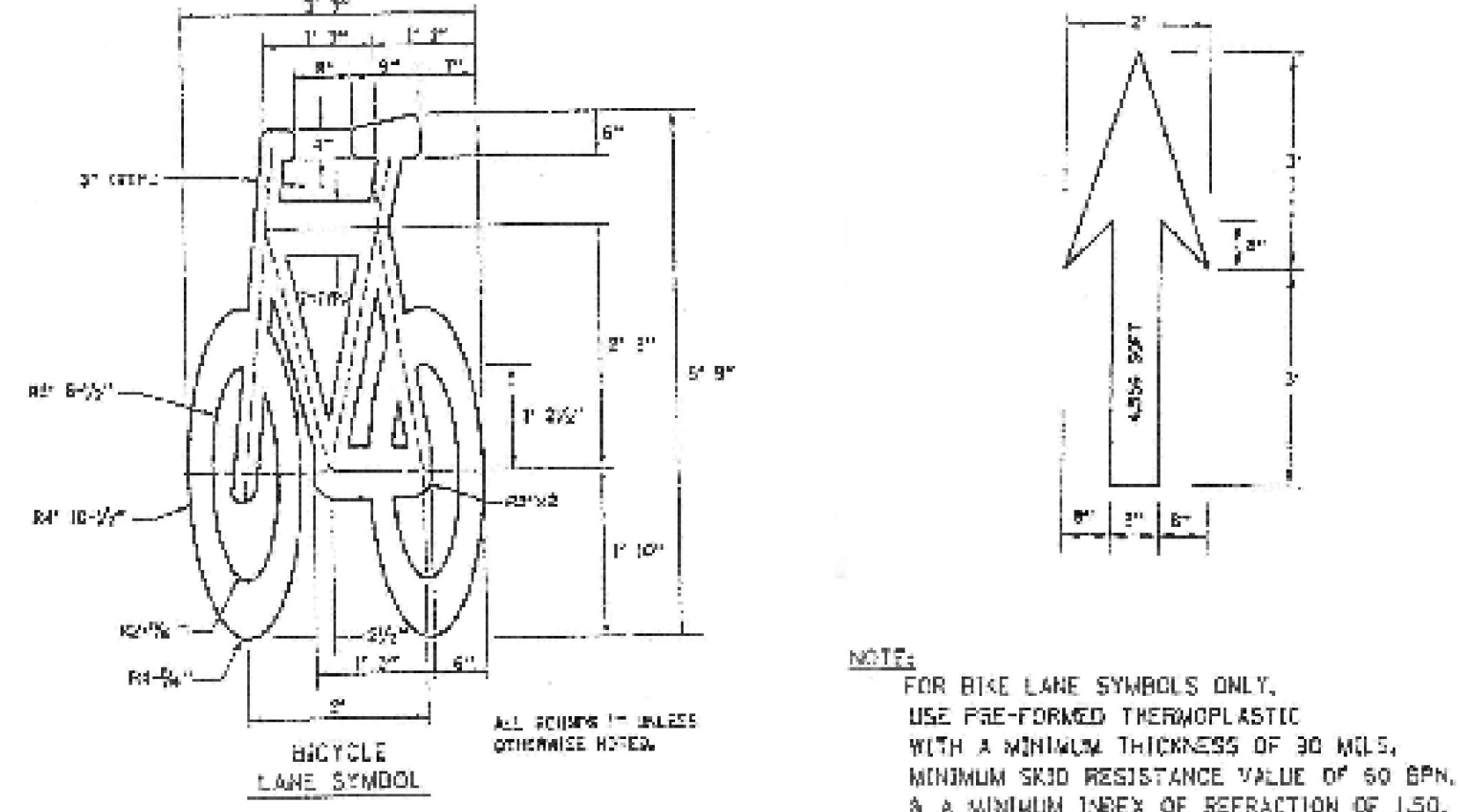
WHERE DUCTILE IRON PIPE (D.I.P.) IS CALLED FOR ON THE CONTRACT PLANS, IT SHALL BE:

FOR SEWER - CLASS 50 IN CONFORMANCE WITH:
ANSI A-21.51 PIPE
ANSI A-21.11 JOINT

FOR WATER - CLASS 52 IN CONFORMANCE WITH:
Mechanical Joints; AWWA C-153
Push-On Joints; AWWA C-153

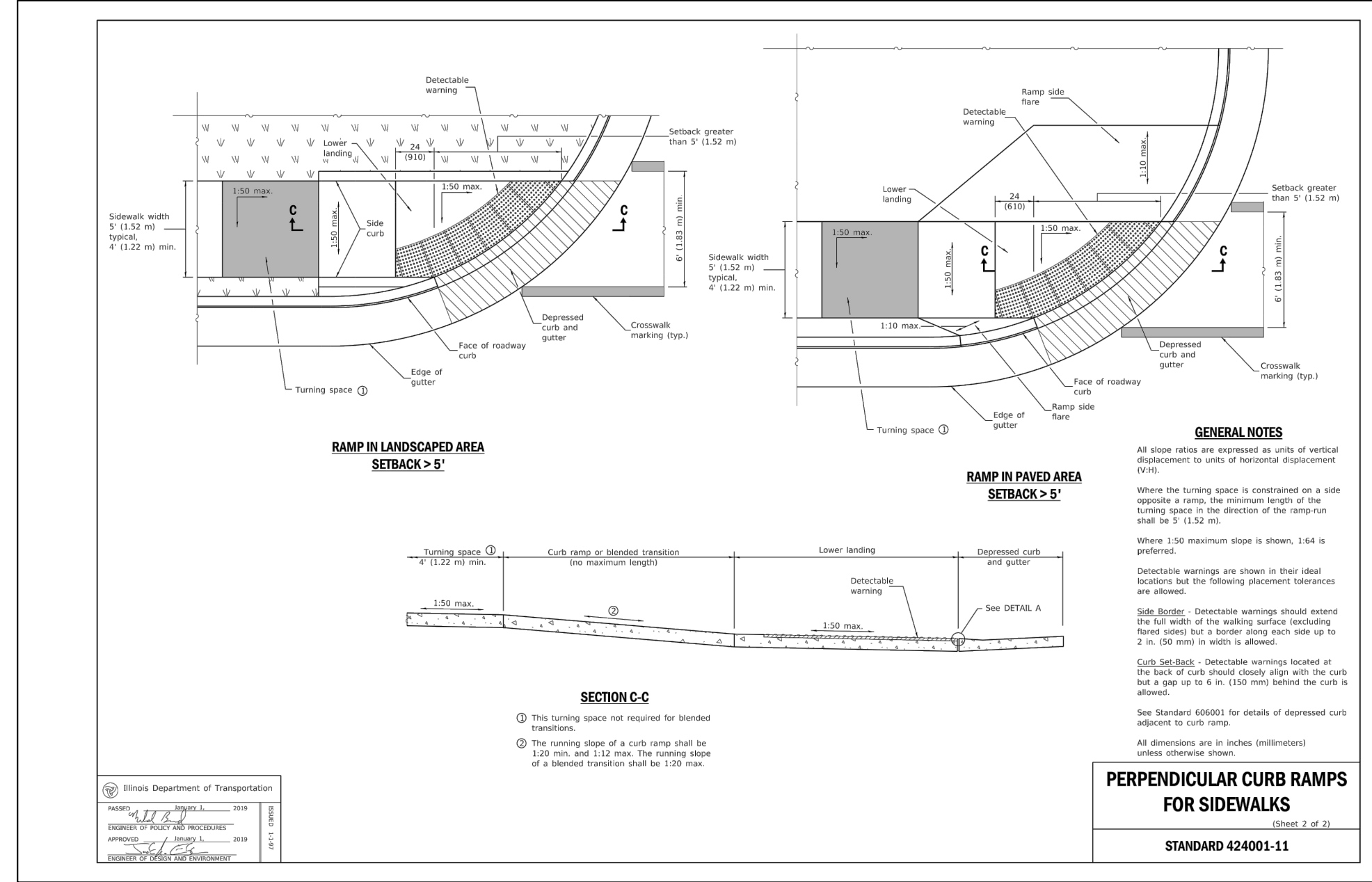
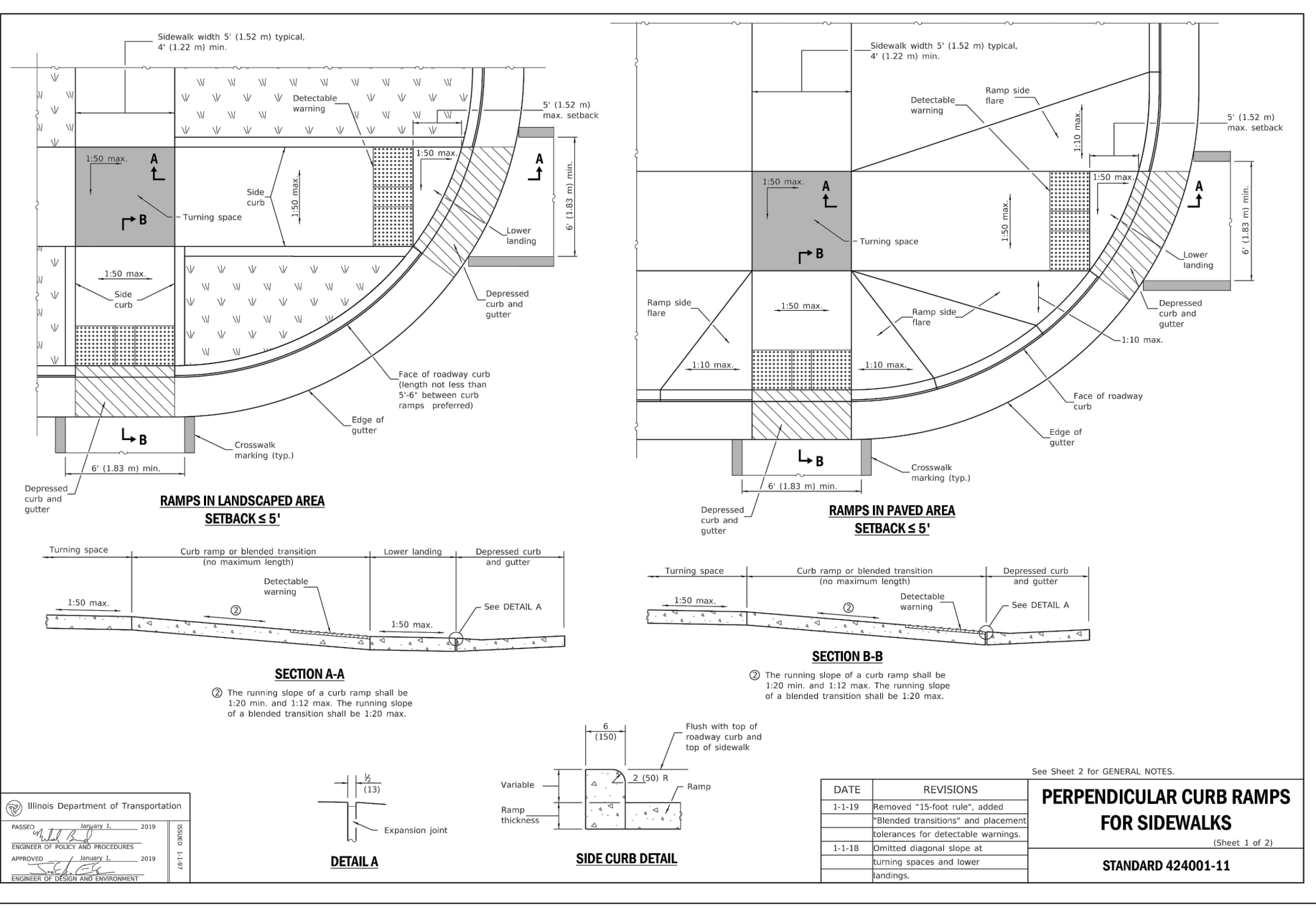
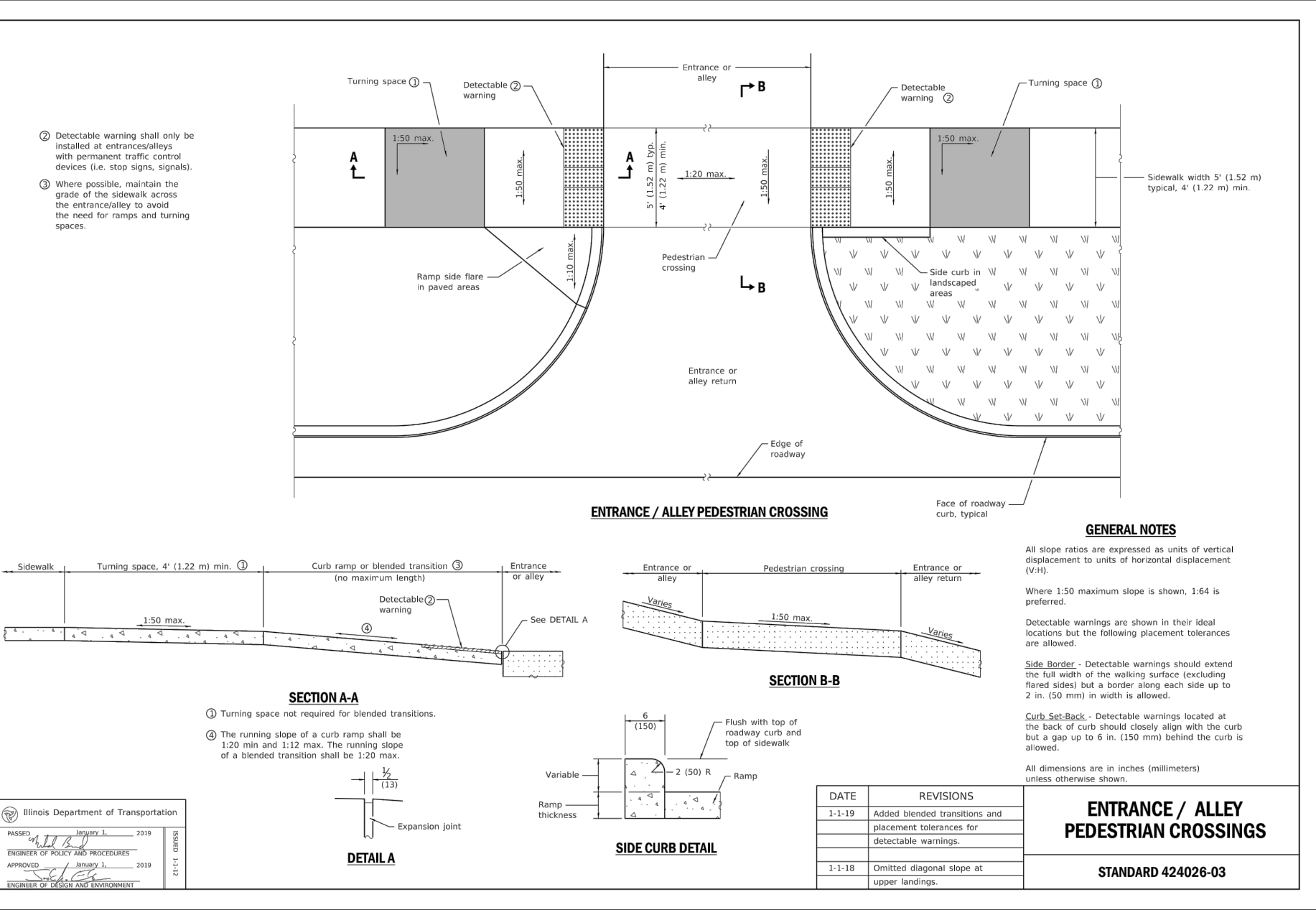
WHERE EXTRA STRENGTH CLAY PIPE (E.S.V.C.P.) IS CALLED FOR ON THE CONTRACT PLANS, IT SHALL BE IN CONFORMANCE WITH:

ASTM C-700 PIPE
ASTM C-425 JOINT



DETAIL OF BICYCLE SYMBOL

NOTE: FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 30 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.



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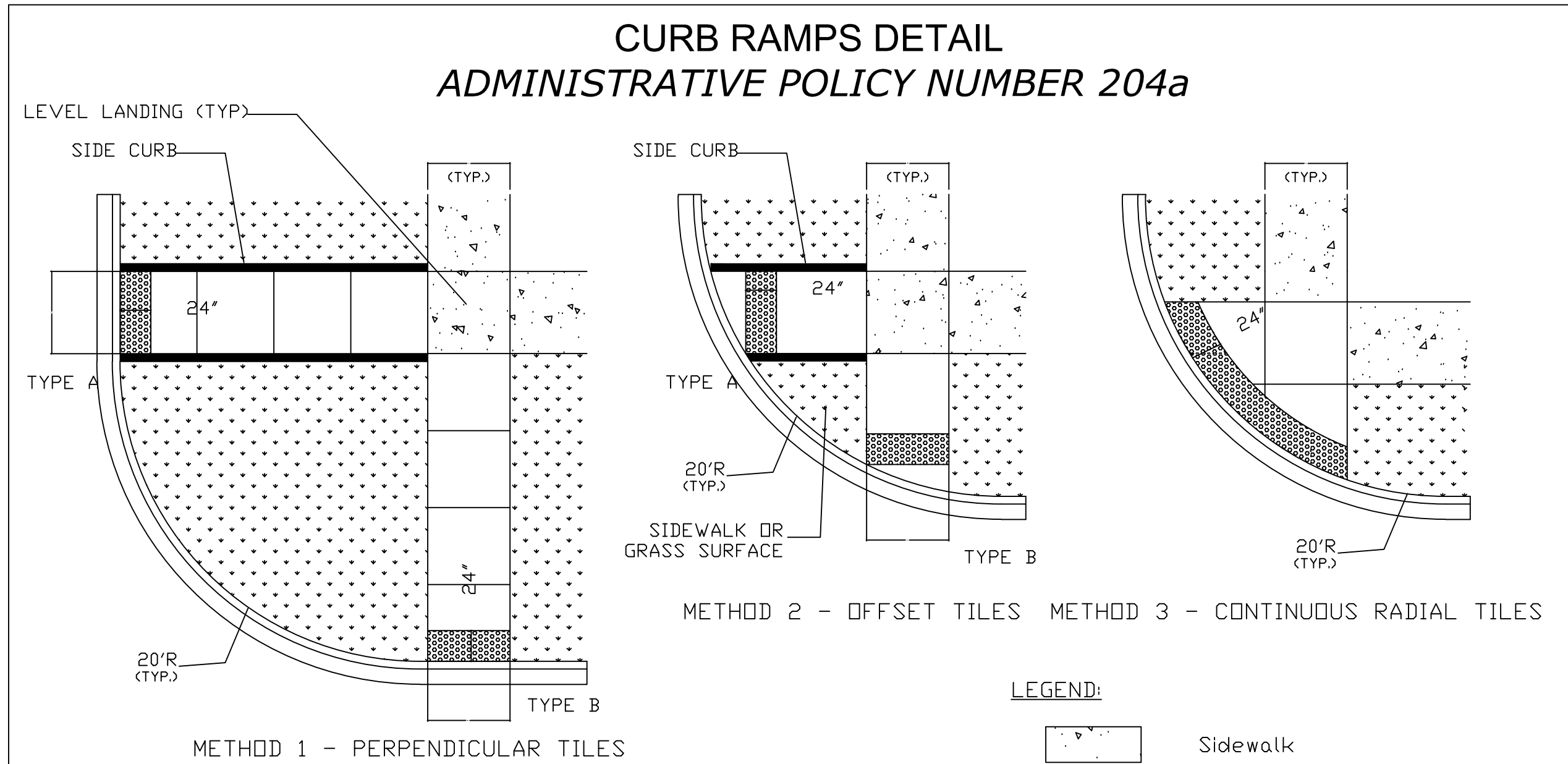
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2022 REBUILD IL/MFT RESURFACING PROJECT STANDARDS AND DETAILS

SCALE	PROJECT NUMBER: 22-00292-00-RS	ISSUED FOR: CONSTRUCTION	DESIGNED BY: PC	SHEET 35 OF 36
HORIZONTAL N/A	BID NUMBER: 22-23	DATE: 02/25/2022	DRAWN BY: DT	
VERTICAL N/A			CHECKED BY: SN	

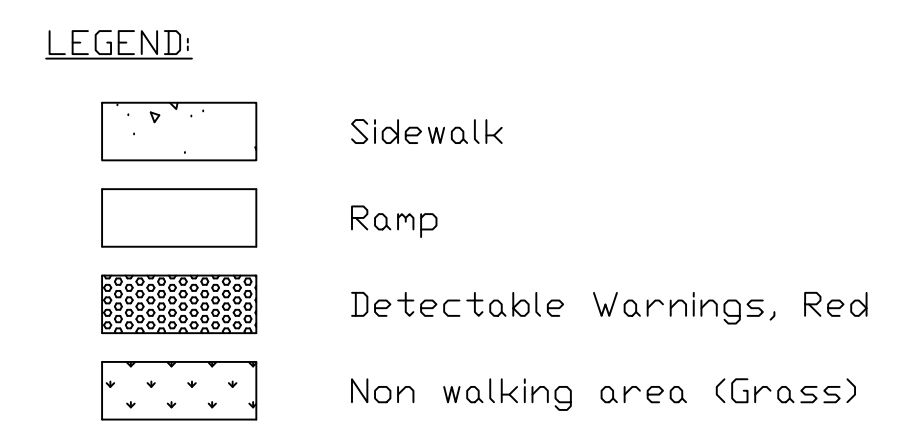
DETAIL SPECIFICATIONS

SPEED HUMP DETAIL NOT TO SCALE



GENERAL NOTES:

- DETECTABLE WARNING TILES SHALL BE INSTALLED THE FULL WIDTH OF THE CURB RAMP AS SHOWN ABOVE, ON THE PLANS, OR AS DIRECTED BY THE ENGINEER. TYPICAL WIDTHS ARE AS FOLLOWS:
a) 5'-6" FOR METHODS 1 AND 2
b) VARIOUS LENGTHS OF RADIAL TILES FOR METHOD 3
- A LEVEL LANDING (MINIMUM OF 5'x5' AREA WITH SLOPE IN ALL DIRECTIONS LESS THAN 2%) SHALL BE INSTALLED PRIOR TO ALL CURB RAMPS. METHOD 3 REQUIRES ENTIRE CORNER TO BE A LEVEL LANDING.
- A DEVIATION OF A 1/2" OR MORE FROM ADJACENT SURFACES IS NOT ALLOWED.
- SIDE CURBS AS SHOWN IN METHODS 1 AND 2 AS THE TYPE A RAMP WILL NOT BE PAID FOR SEPARATELY BUT WILL BE MEASURED FOR PAYMENT AS PCC SIDEWALK AND WILL BE REQUIRED AS DIRECTED BY THE ENGINEER OR AS SHOWN ON THE PLANS, WHILE TYPE B RAMPS WILL REQUIRE CURB OPENING SIDE FLARES.
- SEE APPLICABLE PORTIONS OF IDOT HIGHWAY STANDARD 424001 (CURB RAMPS FOR SIDEWALKS), THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 424 (PORTLAND CEMENT CONCRETE SIDEWALK), AND THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) FOR ADDITIONAL REQUIREMENTS.
- DEPRESSED CURB AND GUTTER ADJACENT TO CURB RAMPS SHALL BE INSTALLED TO THE DIMENSIONS PROVIDED IN IDOT HIGHWAY STANDARD 606001 (CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER)
- WHEN USING METHOD 3 ROADWAY CURB RADI SHALL BE INSTALLED AT 15', 20', OR 25' RADIUS TO THE BACK OF CURB AS NOTED ON PLANS OR AS DIRECTED BY ENGINEER.



CITY OF EVANSTON PUBLIC WORKS DEPARTMENT DIVISION OF TRANSPORTATION	
APPROVED BY	DATE
DIRECTOR OF TRANSPORTATION/CITY ENGINEER	
DIRECTOR OF PUBLIC WORKS	

- GENERAL STANDARD**
- GENERAL REQUIREMENTS**

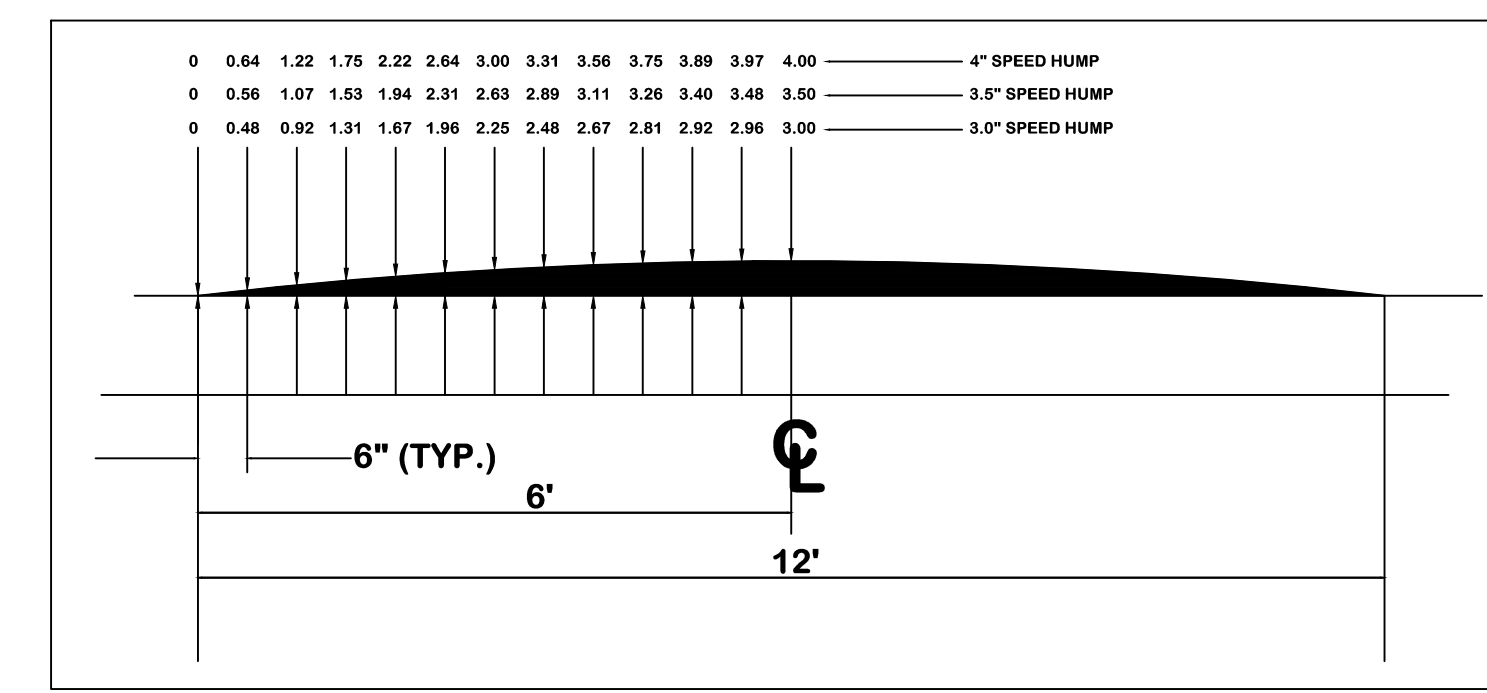
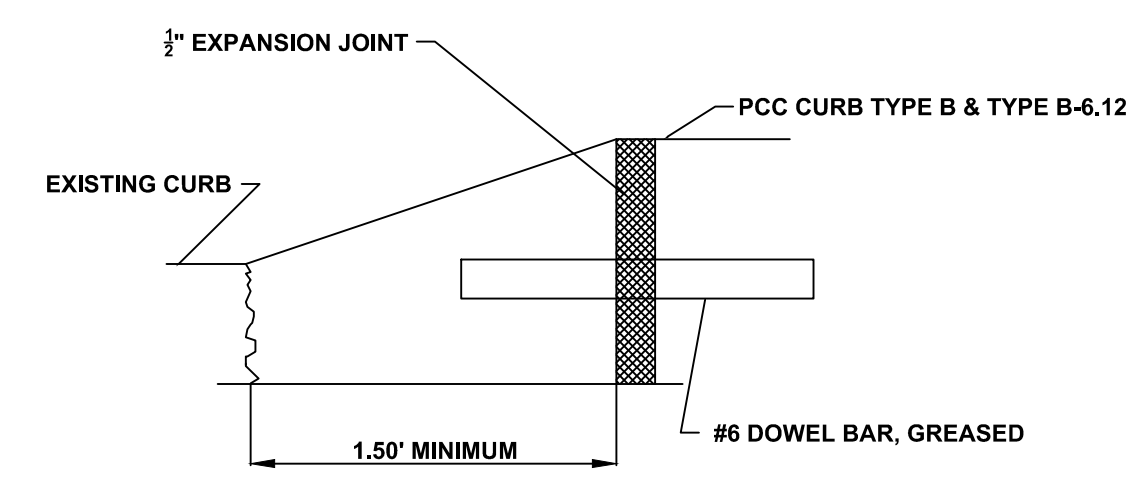
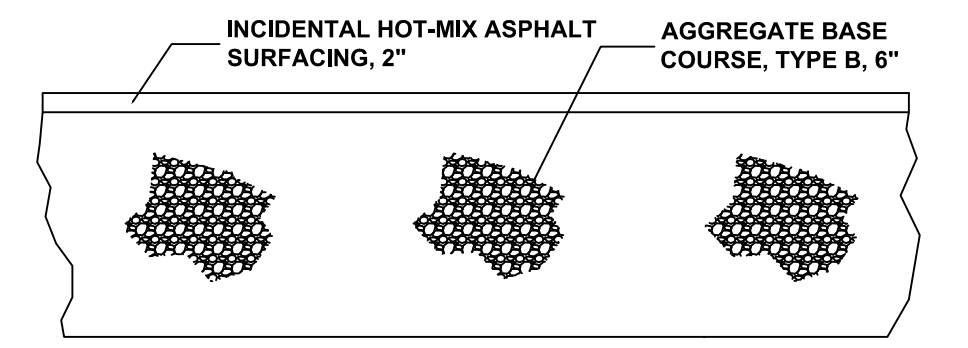
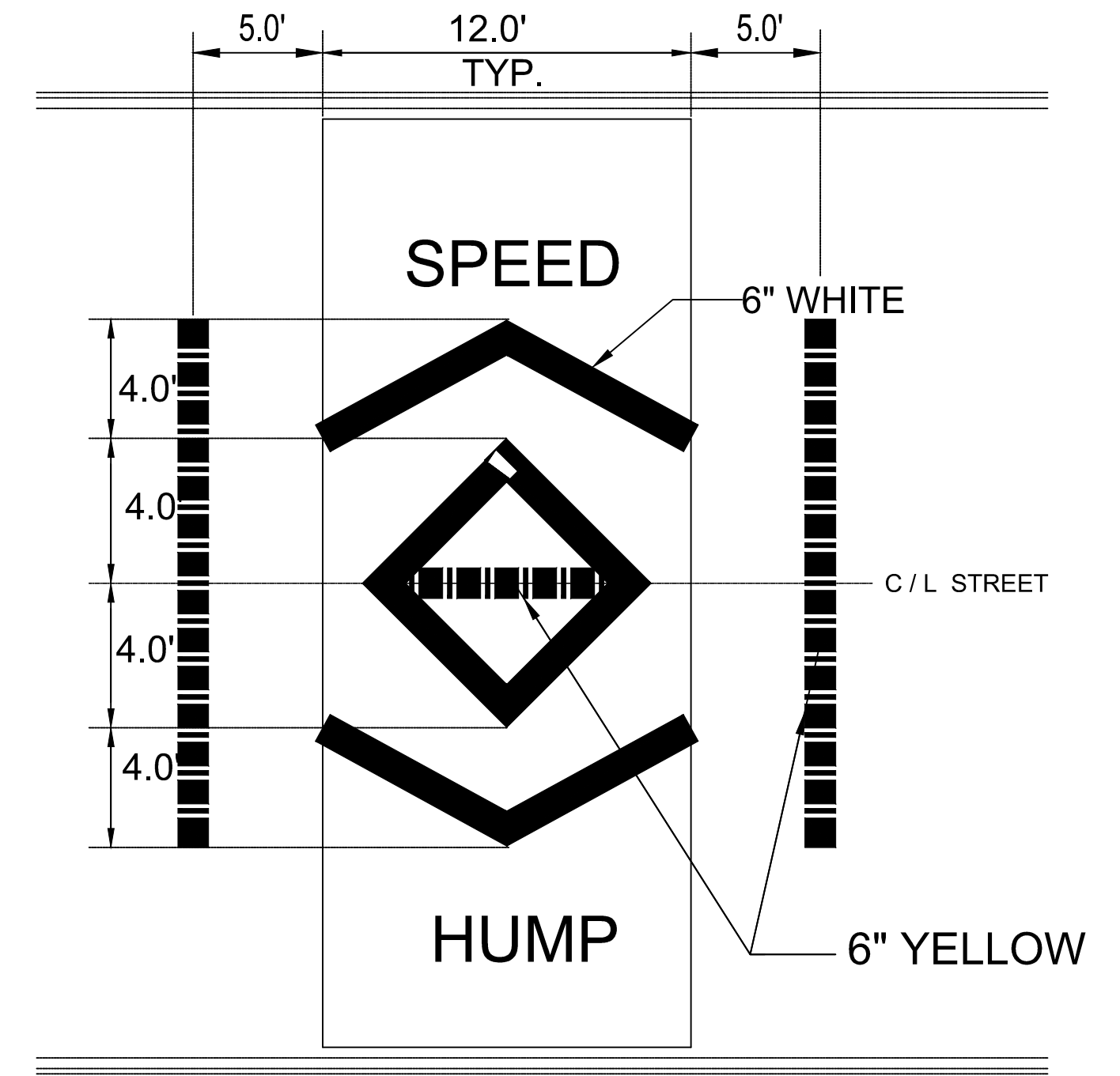


FIGURE 4.1
SOURCE: CLEMENT, J. P. "SPEED HUMPS AND THE THOUSAND OAKS EXPERIENCE." CITY OF THOUSAND OAKS THOUSAND OAKS, CA SEPTEMBER 1982.

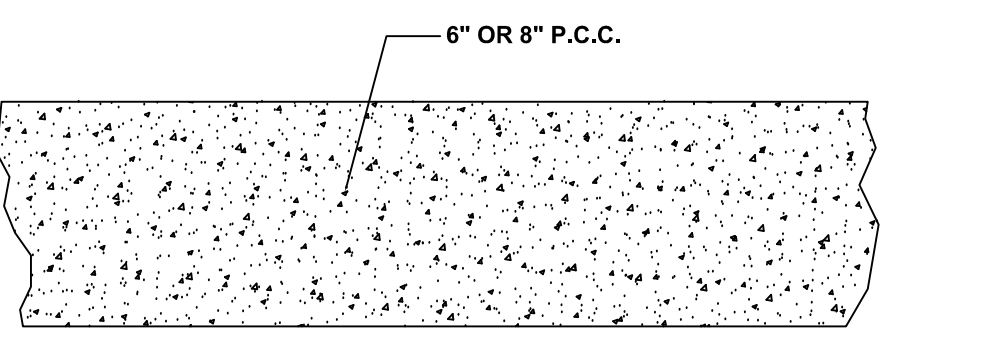
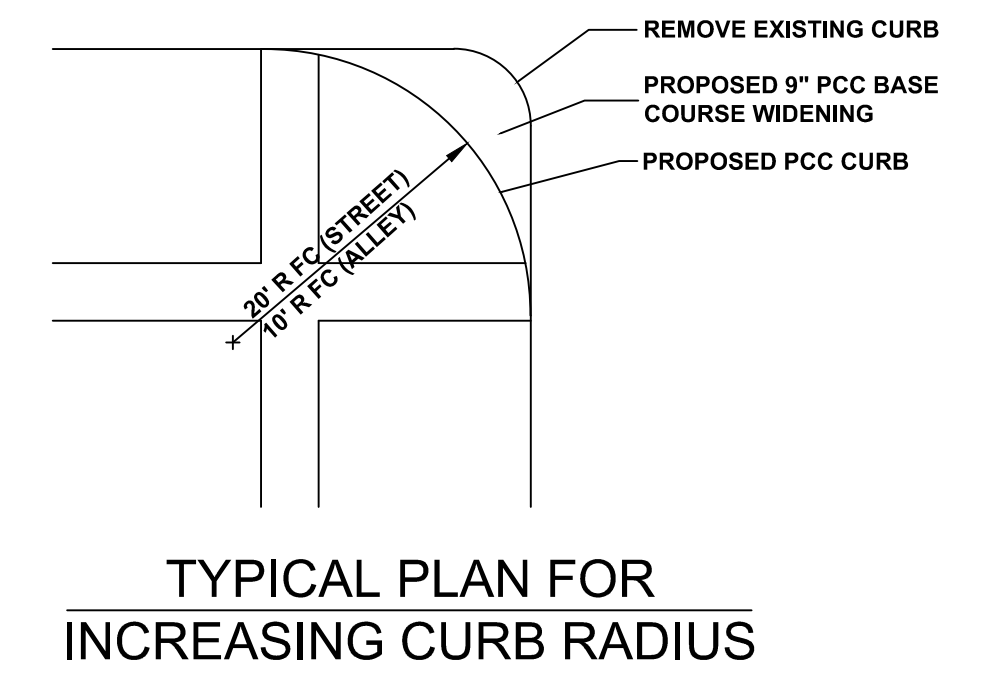
- GENERAL REQUIREMENTS**
- SPEED HUMPS WILL BE 12' IN LENGTH AND WILL COVER THE ENTIRE STREET WIDTH WHILE MAINTAINING THE GUTTER LINE.
 - THE STANDARD HEIGHT OF A SPEED HUMP WILL BE 3 1/2" AT ITS HIGHEST POINT.
 - THE STREET SURFACE WILL BE MILLED TO A DEPTH OF 1" ON ALL SIDES EXTENDING 1.0' FROM THE PERIMETER INTO THE SPEED HUMP AREA. TACK COAT (BITUMINOUS PRIMING MATERIAL) TO BE APPLIED BEFORE THE SURFACE COURSE IS PLACED. BITUMINOUS CONCRETE SURFACE COURSE, MIXTURE D, CLASS 1, TYPE 2 WILL BE USED AS THE SURFACE COURSE.
 - ADVANCED WARNING SIGNS WILL BE DONE BY THE CITY.
 - SPEED HUMPS SIMILAR TO THE SPECIFIED SPEED HUMPS THAT HAVE ALREADY BEEN INSTALLED IN THE CITY MAY BE VIEWED ON DOBSON STREET BETWEEN DODGE AVENUE AND ASBURY AVENUE.



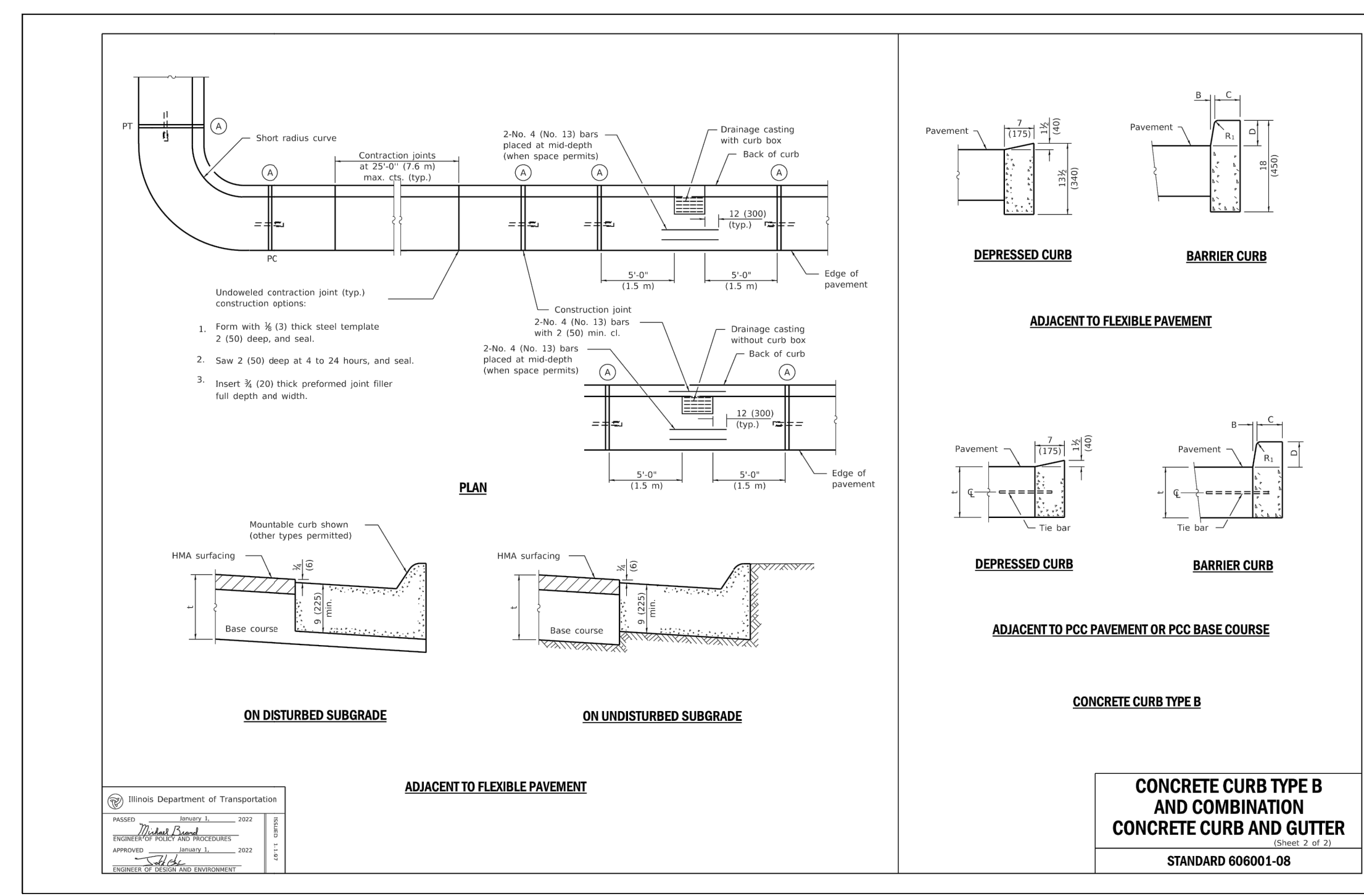
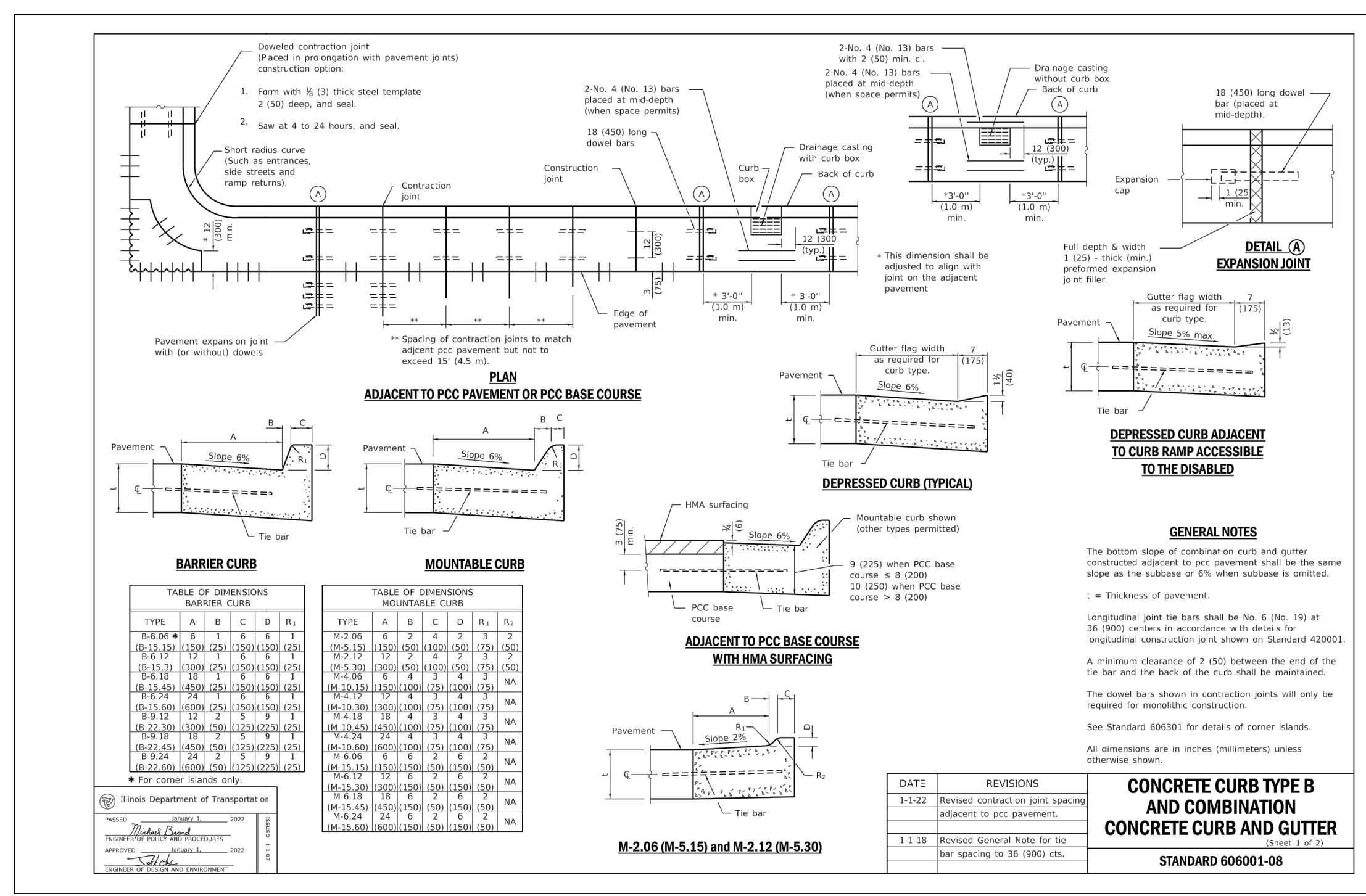
TYPICAL SECTION FOR CURB TRANSITION



TYPICAL SECTION HOT-MIX ASPHALT DRIVEWAY PAVEMENT



TYPICAL SECTION CONCRETE DRIVEWAY PAVEMENT



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HORIZONTAL N/A	BID NUMBER: 22-23	DATE: 02/25/2022	DRAWN BY: DT	
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