

FAU ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2611	01-00142-00-RS	DUPAGE	25	1

ILLINOIS PROJECT C-91-427-10
CONTRACT NO. 63456

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLANS FOR PROPOSED
FEDERAL AID HIGHWAY
MAIN STREET (FAU 2611)**

**ST. CHARLES ROAD (FAU 1397) TO NORTH AVENUE (IL ROUTE 64)(FAP 307)
RESURFACING**

**PROJECT NO.: M-9003(605)
SECTION NO.: 01-00142-00-RS
JOB NO.: C-91-427-10
VILLAGE OF LOMBARD, ILLINOIS
DuPAGE COUNTY**

**LOCATION MAP
NOT TO SCALE
R11E**



FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

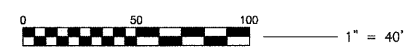
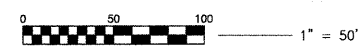
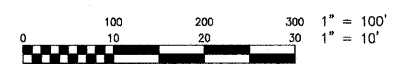
PROJECT LOCATED IN THE VILLAGE OF LOMBARD

TRAFFIC DATA
MAIN STREET

POSTED AND DESIGN SPEED = 30 MPH
2008 ADT = 11,500

DESIGN DESIGNATION
ROADWAY CLASSIFICATION: COLLECTOR

BAXTER & WOODMAN, INC.
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001121
EXPIRES 4/30/2011



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

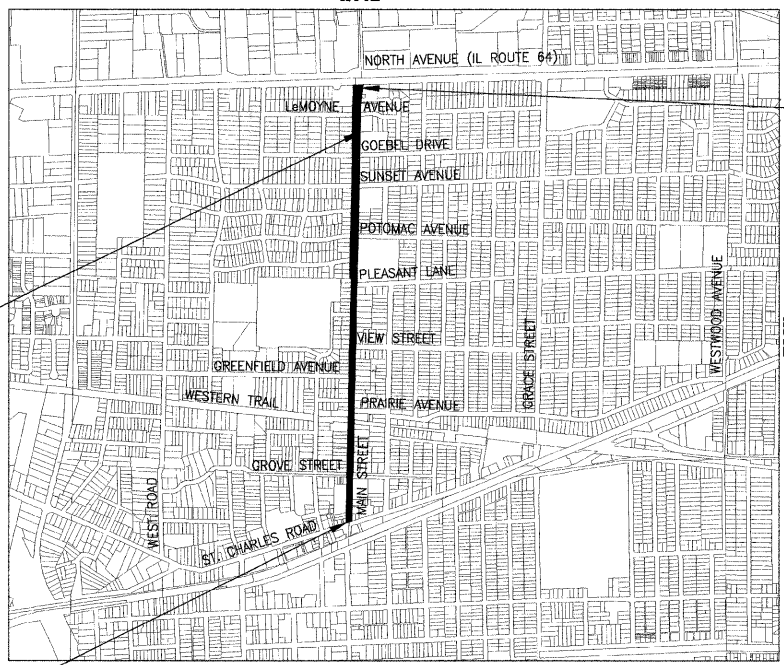
J.U.L.I.E. DESIGN STAGE REQUEST
DIG. No. A2680582



CONTACT JULIE AT 811 OR 800-892-0123 WITH THE FOLLOWING:
COUNTY = DuPAGE
CITY-TOWNSHIP = LOMBARD-YORK TOWNSHIP
SEC. & 1/4 SEC. NO. = SEC. 6 NE 1/4 & SE 1/4, SEC 7 NE 1/4
48 HOURS (2 working days) BEFORE YOU DIG

OMISSION BEGINS
STA. 65+00

PROJECT BEGINS
STA. 10+78



**YORK TOWNSHIP 3rd PRIME MERIDIAN
GROSS LENGTH OF IMPROVEMENT = 6,222 LIN.FT. OR 1.18 MILES
NET LENGTH OF IMPROVEMENT = 5,422 LIN. FT. OR 1.03 MILES**



Madison, Wisconsin 608.241.5481

Burlington, Wisconsin 262.763.7834

Crystal Lake, Illinois 815.459.1260

Grayslake, Illinois 847.223.5088

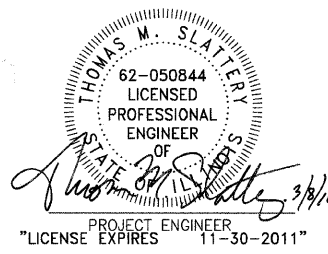
(Plainfield, Illinois) 815.609.7425

Mokena, Illinois 708.478.2090

DeKalb, Illinois 815.787.3111

Chicago, Illinois 312.578.0500

Itasca, Illinois 630.773.1870



PROJECT ENGINEER
"LICENSE EXPIRES 11-30-2011"

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED March 9, 20 10
William M. Muller
VILLAGE PRESIDENT

PASSED APRIL 12, 20 10
Chris Holt
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW APRIL 13, 20 10
Dina M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

PROJECT NO: 090318.40 DATE: 03-08-10

(OFFICE WHERE PLANS WERE PREPARED)

I:\Crystal Lake\090318-18-Hain St LAPP\CADD-SURVEY\DRAWINGS\DWGS\090318-18-cover.dwg - 01
Plotter: 3-08-10 @ 3:31pm By: 560kar
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License No. - 184-001121 - Expires 4-30-11
I.D.O.T. FIELD ENGINEER: MARLIN SOLOMON, P.E. 847-705-4407 SCHAUMBURG, IL

CONTRACT NO. 63456

INDEX OF SHEETS

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25	TC-16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING

HIGHWAY STANDARDS

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280001-05	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
602011-01	CATCH BASIN, TYPE C
602301-02	INLET - TYPE A
602401-02	MANHOLE, TYPE A
602701-02	MANHOLE STEPS
604001-03	FRAMES AND LIDS, TYPE 1
604006-04	FRAME AND GRATE, TYPE 3
604041-02	FRAME AND GRATE, TYPE 9
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-05	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701606-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-06	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES

VILLAGE OF LOMBARD STANDARD DRAWINGS

DRAWING NO.	TITLE
PAVEMENT 2	SIDEWALK CROSS SECTION
PAVEMENT 4	SIDEWALK CONSTRUCTION
PAVEMENT 5	TYPICAL PAVEMENT CROSS-SECTION
PAVEMENT 6	RESIDENTIAL DRIVEWAY APRON
PAVEMENT 7	COMMERCIAL DRIVEWAY APRON
PAVEMENT 8	CURB AND GUTTER
PAVEMENT 9	STORM SEWER INLET CURB AND GUTTER
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STORM 4	CATCH BASIN TYPE C
STORM 7	RIM ADJUSTMENTS PAVED AREA
STORM 8	RIM ADJUSTMENTS IN CURB LINE
STORM 12	GRATE BOX INLET
SANITARY 1	SANITARY MANHOLE

SUMMARY OF QUANTITIES

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	PARTICIPATING QUANTITY 1000	NON PARTICIPATING QUANTITY
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	16	16	
25200200	SUPPLEMENTAL WATERING	UNIT	52	52	
25200700	SODDING, SPECIAL	SQ YD	1,730	1,730	
28000510	INLET FILTERS	EACH	64	64	
31101100	SUB-BASE GRANULAR MATERIAL, TYPE B	CU YD	16	16	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	51	51	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,437	2,437	
40600300	AGGREGATE (PRIME COAT)	TON	37	37	
40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TON	20	20	
40600826	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL 4.75 N50	TON	1,280	1,280	
40600895	CONSTRUCTING TEST STRIP	EACH	1	1	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	280	280	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3,070	3,070	
42001300	PROTECTIVE COAT	SQ YD	1,597	1,597	
42400430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	11,815	4,577	7,238
42400800	DETECTABLE WARNINGS	SQ FT	416	416	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	24,365	24,365	
44000600	SIDEWALK REMOVAL	SQ FT	12,497	5,259	7,238
44001700	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	3,239	3,239	
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SQ YD	33	33	
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SQ YD	17	17	
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SQ YD	2,459	2,459	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2	
60250300	CATCH BASINS TO BE ADJUSTED (SPECIAL)	EACH	1	1	
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	4	4	
60255500	MANHOLES TO BE ADJUSTED	EACH	5	5	
60255600	MANHOLES TO BE ADJUSTED (SPECIAL)	EACH	1	1	
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1	
60260200	INLETS TO BE ADJUSTED (SPECIAL)	EACH	4	4	
60262700	INLETS TO BE RECONSTRUCTED	EACH	4	4	
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	3	3	
60265800	VALVE VAULTS TO BE ADJUSTED (SPECIAL)	EACH	2	2	
60266610	VALVE BOXES TO BE ADJUSTED (SPECIAL)	EACH	1	1	
60266700	VALVE BOXES TO BE RECONSTRUCTED	EACH	1	1	
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	41	41	
60300310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	61	61	
60404300	FRAMES AND GRATES, TYPE 3	EACH	6	6	
60404600	FRAMES AND GRATES, TYPE 9	EACH	1	1	
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	40	40	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	73		73
78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	5,048		5,048
78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	158		158
78004240	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 8"	FOOT	115		115
78004250	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12"	FOOT	542		542
78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	180		180
X0321556	SANITARY MANHOLES TO BE ADJUSTED	EACH	26	26	
X2110104	TOPSOIL FURNISH AND PLACE, 4" (SPECIAL)	SQ YD	1,730	1,730	
XX003435	PORTLAND CEMENT CONCRETE DRIVEWAY REMOVAL & REPLACEMENT	SQ YD	688	688	
XX003668	PRECONSTRUCTION VIDEO TAPING	L SUM	1	1	
XX003829	DRIVEWAY APPROACH REMOVAL AND REPLACEMENT	SQ YD	275	275	
XX007509	REMOVE AND REPLACE SANITARY MANHOLES, 4' DIAMETER, 0-8 FEET DEEP	EACH	5	5	
XX007510	REMOVE AND REPLACE SANITARY MANHOLES, 4' DIAMETER, 8-12 FEET DEEP	EACH	4	4	
XX008264	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SPECIAL)	FOOT	32	32	
Z0076600	TRAINEES	hour	500	500.00	

* DENOTE SPECIALTY ITEM

** INDICATES NON-STANDARD ITEM COVERED BY SPECIAL PROVISIONS

△ YOS0

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS,
VILLAGE OF LOMBARD STANDARDS, SUMMARY OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2611	01-00142-00-RS	DuPAGE	25	2
C-91-427-10		CONTRACT NO. 63456		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

SCALE: PROJECT NO: 090318 STA. TO STA.



DESIGNED - TMS	REVISED -
DRAWN - KAR	REVISED -
CHECKED -	REVISED -
DATE - 03-08-10	REVISED -

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

- ALL REFERENCES TO STANDARD SPECIFICATIONS IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2007 AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2010.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY 1996 FIFTH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS, IDOT STANDARD DRAWINGS, AND VILLAGE OF LOMBARD STANDARD DRAWINGS" INCLUDED IN THE CONTRACT DOCUMENTS.
- IN THE GENERAL NOTES, ALL REFERENCES TO ENGINEER SHALL BE INTERPRETED AS THE RESIDENT ENGINEER.

STAKING

- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE VILLAGE, ITS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

TREE REMOVAL, CLEARING AND HEDGE REMOVAL

- ALL TREES ARE DESIGNATED TO BE SAVED UNLESS OTHERWISE NOTED ON THE PLANS, AND SHALL BE PROTECTED IN ACCORDANCE WITH THE PROVISIONS OF ARTICLE 201.05 OF THE STANDARD SPECIFICATIONS.

UTILITIES

- PRIOR TO THE START OF THE CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THE VILLAGE OF LOMBARD DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILITIES AND EXERCISE CARE DURING CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS, WATER, SEWER, AND CABLE TELEVISION FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED.)
- THE VILLAGE OF LOMBARD WILL LOCATE EXISTING SANITARY AND WATER SERVICES TO THE INDIVIDUAL RESIDENCES WITHIN THE PROJECT'S LIMITS. THESE SERVICES WILL BE LOCATED ONE TIME ONLY. FROM THEN ON THE CONTRACTOR SHALL DOCUMENT AND BE RESPONSIBLE FOR MAINTAINING KNOWLEDGE OF THE LOCATIONS OF THESE SERVICES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AS-BUILT KNOWLEDGE OF THE LOCATION (INCLUDING ELEVATIONS) OF THE NEWLY INSTALLED SERVICES AND MAINS. THE VILLAGE WILL NOT BE RESPONSIBLE FOR LOCATING NEW MAINS OR SERVICES FOR THE CONTRACTOR. FOR THE DURATION OF THE CONTRACT, THE CONTRACTOR SHALL MAKE THE AS-BUILT UNDERGROUND UTILITY INFORMATION AVAILABLE TO THE ENGINEER WHENEVER REQUESTED. IN THE EVENT OF A "JULIE" CALL WITHIN THE PROJECT LIMITS, THE ENGINEER WILL NOTIFY THE CONTRACTOR TO MARK ANY UTILITIES STILL UNDER THE CONTRACTOR'S RESPONSIBILITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ABOVE AND BELOW GROUND UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ALL UTILITIES THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE VILLAGE OF LOMBARD. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL COOPERATE WITH THE VILLAGE OF LOMBARD IN ALL UNDERGROUND UTILITY CONSTRUCTION WHICH THE VILLAGE MAY WANT TO PLACE DURING THE CONTRACTOR'S OPERATIONS.
- ALL MANHOLES, CATCH BASINS, AND VALVE VAULTS SHALL BE MORTARED WITH HYDRAULIC CEMENT AS SHOWN ON THE DETAILS ON THE INSIDE AND OUTSIDE AT ALL STRUCTURE JOINTS BETWEEN BARREL, CONE, AND FLAT TOP SECTIONS. ADJUSTING RINGS SHALL BE MORTARED ON THE OUTSIDE AROUND JOINTS TO PREVENT INFILTRATION PROVIDING THEY ARE OUTSIDE OF PAVED AREAS. ONLY NON-PREFORMED MASTIC SHALL BE USED BETWEEN THE FRAME, RINGS, AND TOP OF CONE OR FLAT TOP. (PREFORMED MASTIC -- EZ STICK, RUB-R-NECK, OR APPROVED EQUIVALENT IS NOT ALLOWED ABOVE THE CONE OR FLAT TOP)
- GRADATION OF TRENCH BACKFILL MATERIAL SHALL BE CA-6, AND SHALL BE PLACED IN UNIFORM LAYERS NOT EXCEEDING 12 INCHES (LOOSE MEASURE) AND COMPACTED WITH MECHANICAL EQUIPMENT TO 95% OF STANDARD PROCTOR DENSITY. PIPE BEDDING SHALL BE A MINIMUM OF 4 INCHES THICK.
- ALL FRAMES WITH SELF SEALING CLOSED LIDS TO BE FURNISHED AS PART OF THIS CONTRACT FOR CONSTRUCTION, ADJUSTMENT OR RECONSTRUCTION OF MANHOLES, CATCH BASIN, INLET, VALVE VAULT, OR METER VAULT SHALL HAVE CAST INTO THE LID ONE OF THE FOLLOWING WORDS: ALL LIDS TO BE USED ON STORM SEWER STRUCTURES SHALL BEAR THE WORD "STORM". ALL LIDS TO BE USED ON SANITARY SEWER STRUCTURES SHALL BEAR THE WORD "SANITARY". ALL LIDS TO BE USED ON WATER SYSTEM STRUCTURES SHALL BEAR THE WORD "WATER". ALL CURB BOXES SHALL SAY "DUMP NO WASTE!" OR "DRAINS TO RIVERS" OR SIMILAR. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE FRAME AND GRATE OR FRAME AND CLOSED LID PROVIDED.
- WHENEVER DURING CONSTRUCTION OPERATIONS LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT.
- ALL AUXILIARY VALVES, FRAMES, GRATES, LIDS AND WATER SERVICE BOXES WHICH ARE TO BE ABANDONED OR ADJUSTED WITH A NEW OR DIFFERENT FRAME AND LID SHALL BECOME THE PROPERTY OF THE CONTRACTOR. ALL HYDRANTS TO BE REMOVED SHALL BE REMOVED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL CONTACT THE VILLAGE OF LOMBARD TO DETERMINE IF THE VILLAGE WISHES TO SALVAGE THE HYDRANTS, FRAMES, OR LIDS. THE CONTRACTOR WILL BE RESPONSIBLE TO EITHER RETURN THE HYDRANTS, FRAMES, OR LIDS TO PUBLIC WORKS OR DISPOSE OF THEM.
- ALL EXISTING AND PROPOSED SEWER DAMAGED BY THE CONSTRUCTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL RECEIVE NO ADDITIONAL COMPENSATION FOR CONSTRUCTION STAGING NECESSARY TO ACCOMMODATE UTILITY RELOCATION OR ADJUSTMENT AND/OR FOR DELAYS CAUSED BY UTILITY RELOCATION OR ADJUSTMENT.

GENERAL NOTES

- ALL PROPOSED SANITARY STRUCTURES SHALL INCLUDE AN EXTERNAL CHIMNEY SEAL UNLESS THEY FALL IN THE PAVEMENT AND ARE ADJUSTED TO FINAL GRADE WITH CLASS SI CONCRETE OR BITUMINOUS SURFACE OR BINDER FULLY COVERING THE RINGS AND CASTING. THE COST OF THE CHIMNEY SEAL SHALL BE CONSIDERED INCLUDED IN THE COST OF THE UTILITY STRUCTURE BEING INSTALLED.

PAVING AND CURB & GUTTER

- THE CONTRACTOR SHALL SAW CUT PAVEMENT, CURB & GUTTER, AND SIDEWALK AS INDICATED ON THE PLANS TO SEPARATE THE EXISTING MATERIAL TO BE REMOVED BY MEANS OF AN APPROVED CONCRETE SAW TO A DEPTH AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
- BASE COURSE SHALL NOT BE PLACED ADJACENT TO CURB AND GUTTER UNTIL THE CURB AND GUTTER HAS BEEN PROPERLY CURED AND BACKFILLED TO THE SATISFACTION OF THE ENGINEER.
- HOT-MIX ASPHALT SURFACE COURSE SHALL NOT BE PLACED UNTIL ALL EARTH EXCAVATION, TOP SOIL, SOD PLACEMENT, AND HOT-MIX ASPHALT BINDER COURSE HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER.
- LONGITUDINAL PAVING JOINTS SHALL BE PLACED TO PROVIDE FOR A MINIMUM 6" OFFSET FROM ANY PROPOSED LANE LINE MARKINGS.

STORM & SANITARY SEWER

- THE COST OF MAKING SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE SEWER OR STRUCTURE BEING CONSTRUCTED.
- WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS OR CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET. HE SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT.
- ALL ABANDONED PIPE AND STRUCTURE INVERTS SHALL BE PLUGGED WITH BRICK AND MORTAR TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE STORM OR SANITARY SEWER ITEMS BEING REMOVED.
- ALL TYPE 3 FRAME AND GRATES FOR CATCH BASINS AND INLETS SHALL BE NEENAH R-3279-1 OR EAST JORDAN IRON WORKS 7220 OR APPROVED EQUAL.

SIGNING, STRIPING & LANDSCAPING

- THOSE SIGNS WHICH ARE SO DESIGNATED BY THE ENGINEER SHALL BE REMOVED, STORED AND SUBSEQUENTLY RELOCATED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL SIGNS WHICH ARE DAMAGED DURING CONSTRUCTION OPERATIONS BEYOND REPAIR SHALL BE REPLACED IN KIND BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.
- WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SODDED AREAS PRIOR TO FINAL ACCEPTANCE AT A RATE SPECIFIED BY THE ENGINEER AND IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL ADHERE TO LIMITS OF RESTORATION SHOWN. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR, SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

MISCELLANEOUS

- ACCESS: THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION, EXCEPT FOR PERIODS OF SHORT DURATION (4 HOURS OR LESS). THE COST TO PROVIDE AND MAINTAIN ACCESS SHALL BE PAID FOR AND INCLUDED IN THE ITEM "AGGREGATE FOR TEMPORARY ACCESS."
- ALL DRIVEWAY APRONS SHALL BE REPLACED WITH MATERIAL OF THE SAME KIND AS THE EXISTING APRON, EXCEPT FOR EXISTING AGGREGATE DRIVEWAY APRONS WHICH SHALL BE REPLACED WITH HOT-MIX ASPHALT DRIVEWAY APRONS.
- DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- ALL WASTE MATERIAL SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL ADHERE TO IDOT STANDARD DRAWING NO. 701801 WHEN CLOSING SIDEWALKS.
- ESTIMATED LOCATIONS OF SIDEWALK REMOVAL AND REPLACEMENT HAVE BEEN SHOWN ON THE PLANS. THE ENGINEER WILL DETERMINE THE EXACT LIMITS IN THE FIELD DURING CONSTRUCTION.
- IF, IN THE ENGINEER'S OPINION, THE WORK SHOWN ON THE PLANS IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR II BARRICADE USED. (ONE (1) WEIGHTED BAG ACROSS EACH BOTTOM RAIL.)
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

BITUMINOUS MATERIALS (PRIME COAT)	0.1 GAL/SQ YD
HOT-MIX ASPHALT SURFACE COURSE	112 LBS/SQ YD/INCH
POLYMERIZED LEVELING BINDER (MACHINE METHOD)	105 LBS/SQ YD/INCH
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2" (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1" (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3" (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 3:1 (H:V).
- DETECTABLE WARNINGS SHALL BE CAST IRON PLATES FINISHED WITH RED POWDER COAT, CONFORMING TO FEDERAL STANDARD 595, COLOR NUMBER 30166, OR APPROVED EQUIVALENT, IF CONDITIONS REQUIRE A CURVED DETECTABLE WARNING PAD THEN THE RADIAL PLATE FROM EAST JORDAN IRON WORKS, OR APPROVED EQUIVALENT, SHALL BE USED.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

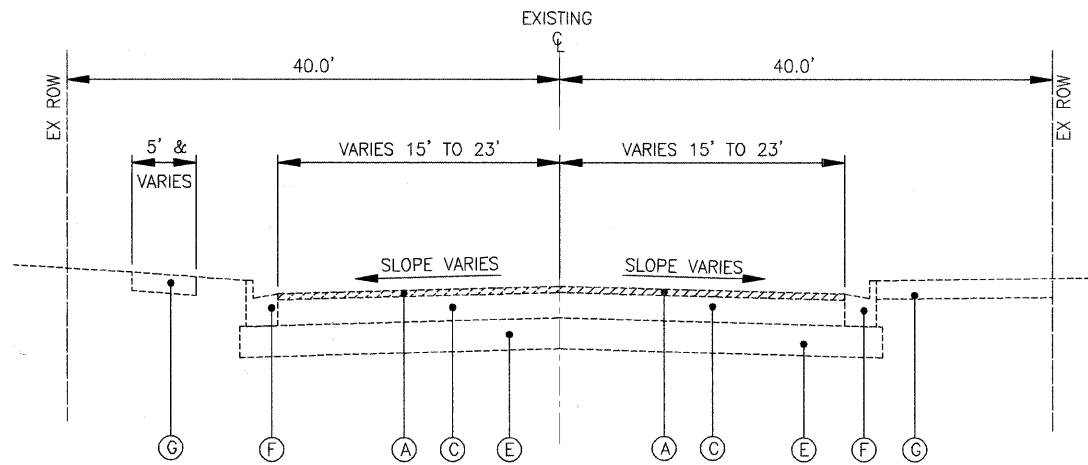
GENERAL NOTES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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C-91-427-10		CONTRACT NO. 63456		
FED. ROAD DIST. NO. 1		ILLINGS FED. AID PROJECT		

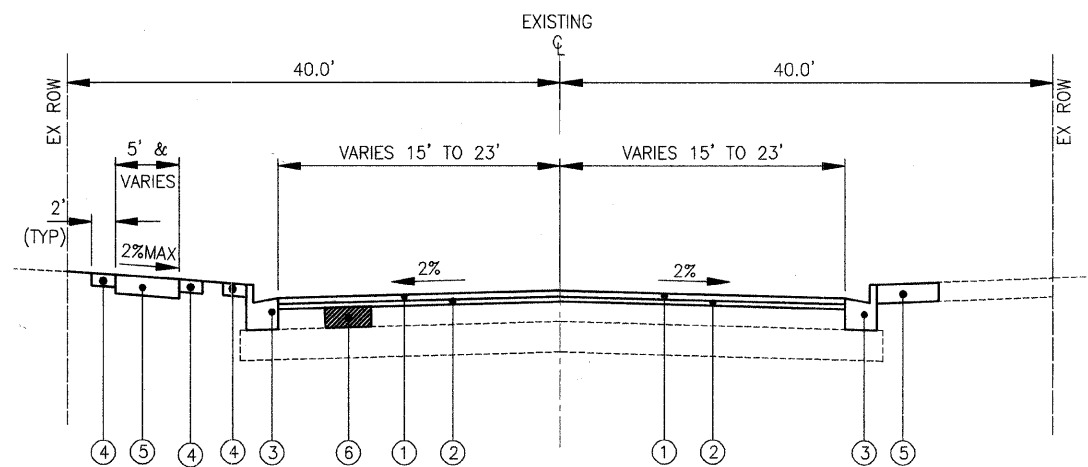
SCALE: PROJECT NO: 090318 STA. TO STA.



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DATE - 03-08-10	REVISED -



EXISTING TYPICAL SECTION
STA 10+78 TO STA 42+00
MAIN STREET
 (NOT TO SCALE)



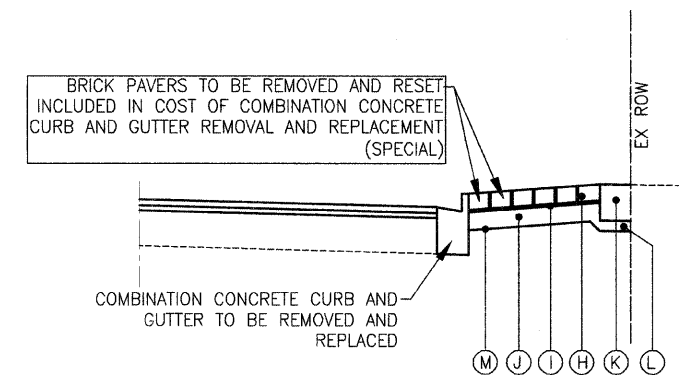
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STA 10+78 TO STA 42+00
MAIN STREET
 (NOT TO SCALE)

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL - 3"
- (B) EXISTING HOT-MIX ASPHALT PAVEMENT, 3"
- (C) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIES 10 1/2" TO 13"
- (D) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 7"
- (E) EXISTING AGGREGATE BASE COURSE
- (F) EXISTING CURB AND GUTTER, TYPE B-6.12
- (G) EXISTING SIDEWALK (PCC OR BRICK PAVERS)
- (H) CONCRETE PAVERS, 6CM
- (I) SAND CUSHION, 1"
- (J) SUB BASE GRANULAR MATERIAL, TYPE B, 6"
- (K) CONCRETE EDGING, 12" WIDE
- (L) SUB BASE GRANULAR MATERIAL, TYPE B, 4"
- (M) GEOTECHNICAL STABILIZATION FABRIC
- (N) EXISTING HOT-MIX ASPHALT PAVEMENT, 7"

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2 1/2"
- (2) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1"
- (3) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, TYPE B-6.12 (AS DETERMINED BY THE ENGINEER)
- (4) TOPSOIL FURNISH AND PLACE, 4" (SPECIAL) (AS DETERMINED BY THE ENGINEER) SODDING, SPECIAL (AS DETERMINED BY THE ENGINEER)
- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 5", SPECIAL OR BRICK SIDEWALK REMOVAL AND REPLACEMENT (AS DETERMINED BY THE ENGINEER)
- (6) CLASS D PATCHES, 11" (AS DETERMINED BY THE ENGINEER)



COMBINATION CURB AND GUTTER
REMOVAL AND REPLACEMENT (SPECIAL)
 (NOT TO SCALE)

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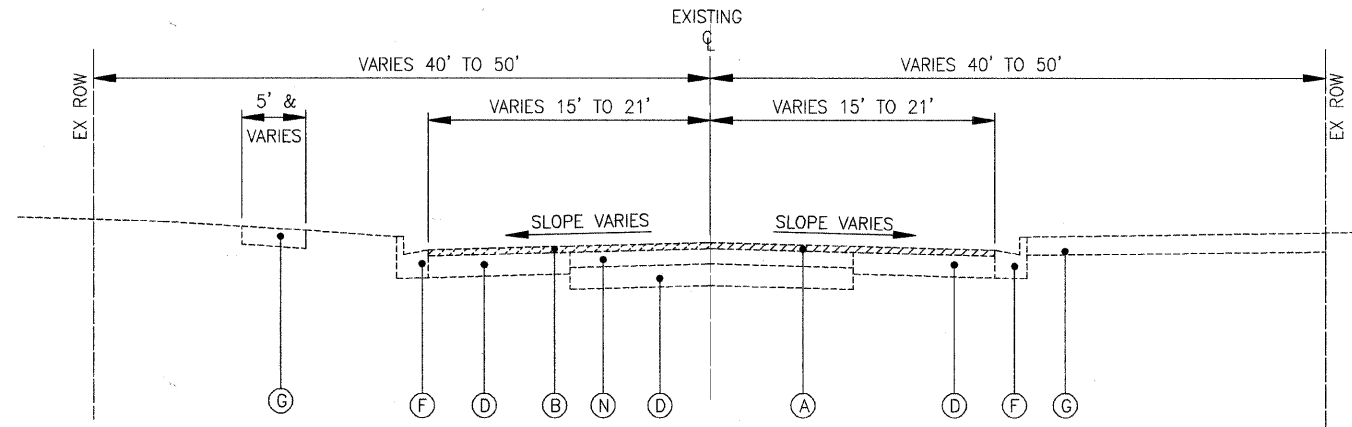
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 DEPARTMENT OF TRANSPORTATION

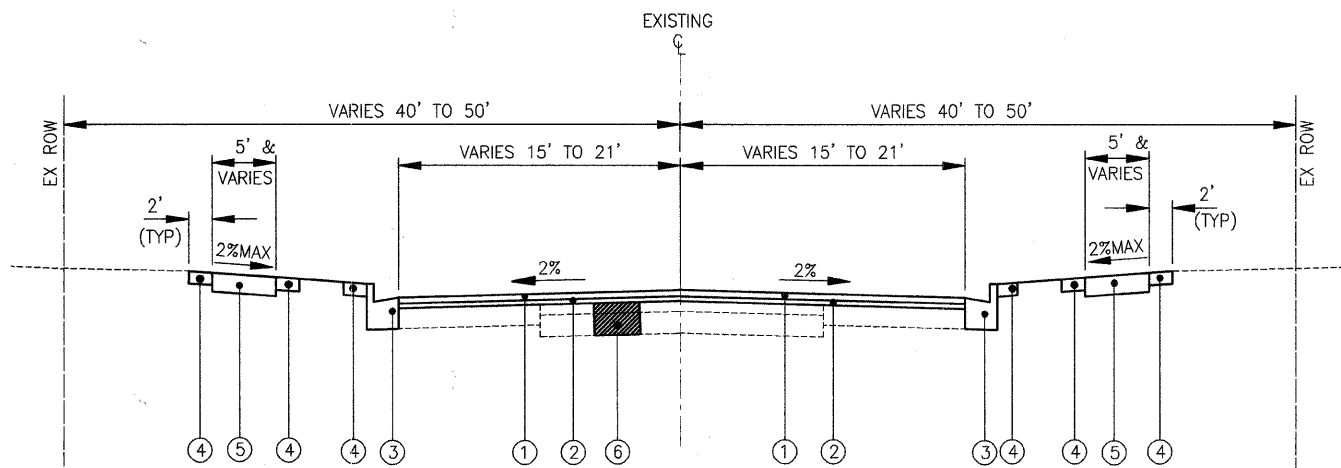
MAIN STREET
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F.A.U. RTE. 2611	SECTION 01-00142-00-RS	COUNTY DuPAGE	TOTAL SHEETS 25	SHEET NO. 6
C. 91 427 10		CONTRACT NO. 63456		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SCALE. PROJECT NO. 090318 STA. TO STA.



**EXISTING TYPICAL SECTION
STA 42+00 TO STA 65+00
MAIN STREET**
(NOT TO SCALE)



**PROPOSED TYPICAL SECTION
STA 42+00 TO STA 65+00
MAIN STREET**
(NOT TO SCALE)

EXISTING LEGEND

- (A) EXISTING HOT-MIX ASPHALT SURFACE REMOVAL - 3"
- (B) EXISTING HOT-MIX ASPHALT PAVEMENT, 3"
- (C) EXISTING HOT-MIX ASPHALT PAVEMENT, VARIES 10 1/2" TO 13"
- (D) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT, 7"
- (E) EXISTING AGGREGATE BASE COURSE
- (F) EXISTING CURB AND GUTTER, TYPE B-6.12
- (G) EXISTING SIDEWALK (PCC OR BRICK PAVERS)
- (H) CONCRETE PAVERS, 6CM
- (I) SAND CUSHION, 1"
- (J) SUB BASE GRANULAR MATERIAL, TYPE B, 6"
- (K) CONCRETE EDGING, 12" WIDE
- (L) SUB BASE GRANULAR MATERIAL, TYPE B, 4"
- (M) GEOTECHNICAL STABILIZATION FABRIC
- (N) EXISTING HOT-MIX ASPHALT PAVEMENT, 7"

PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 - 2 1/2"
- ② POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 - 1"
- ③ COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, TYPE B-6.12 (AS DETERMINED BY THE ENGINEER)
- ④ TOPSOIL FURNISH AND PLACE, 4" (SPECIAL) (AS DETERMINED BY THE ENGINEER) SODDING, SPECIAL (AS DETERMINED BY THE ENGINEER)
- ⑤ PORTLAND CEMENT CONCRETE SIDEWALK, 5", SPECIAL OR BRICK SIDEWALK REMOVAL AND REPLACEMENT (AS DETERMINED BY THE ENGINEER)
- ⑥ CLASS D PATCHES, 11" (AS DETERMINED BY THE ENGINEER)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING

MIX TYPE	AIR VOIDS @ Ndes
ROADWAY	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70 (IL-9.5mm)	4% @ 70 GYR.
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	4% @ 50 GYR.
PATCHING	
CLASS D PATCHES, 11 INCH, (HOT-MIX ASPHALT BINDER, IL-19mm)	4% @ 70 GYR.
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	4% @ 50 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LB/SY-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.

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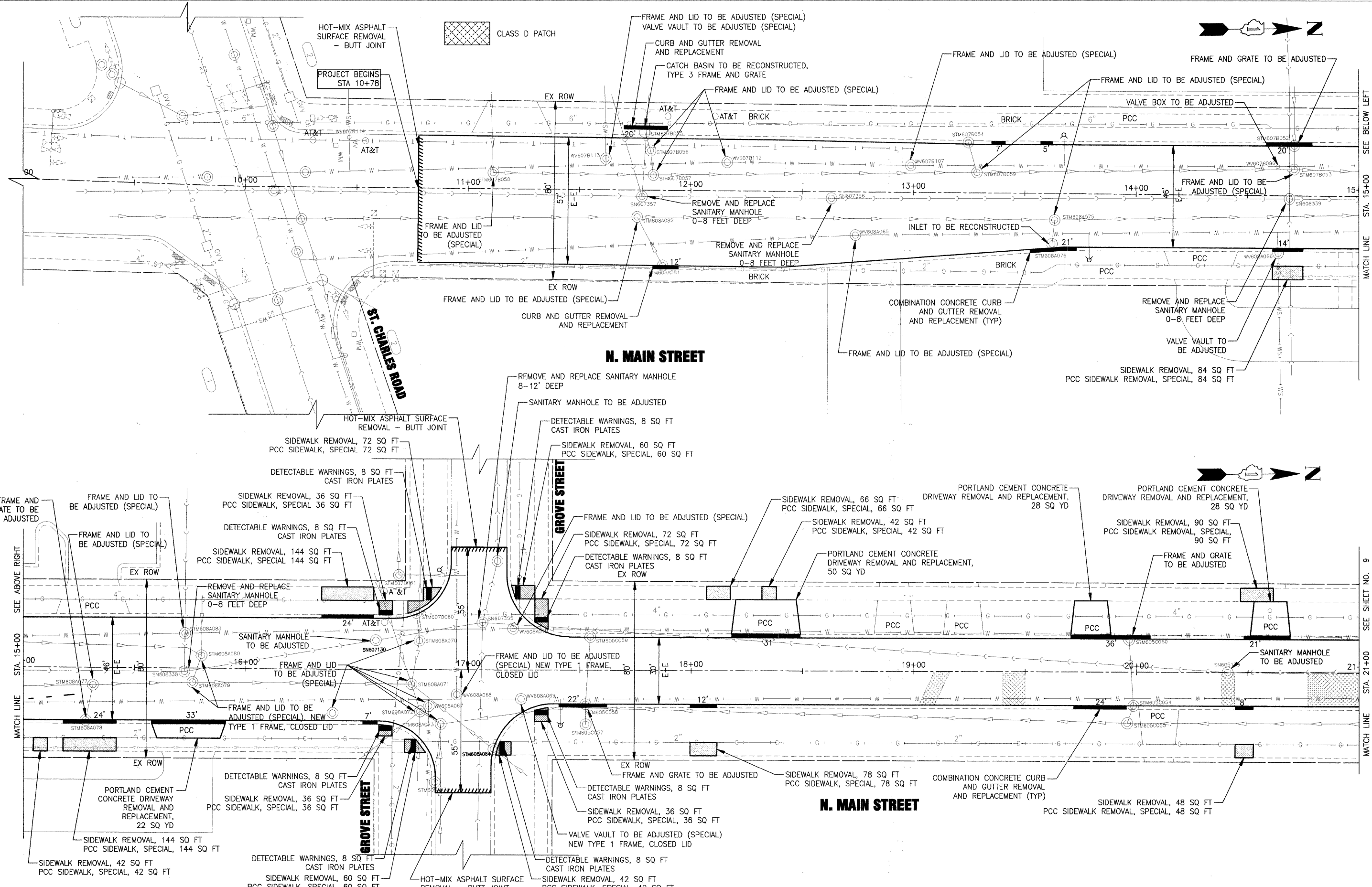
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAIN STREET
EXISTING AND PROPOSED TYPICAL SECTIONS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2611	01-00142-00-RS	DuPAGE	25	7
C-91-427-'0			CONTRACT NO. 63456	
SCALE:			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

PROJECT NO: 090318 STA. TO STA.



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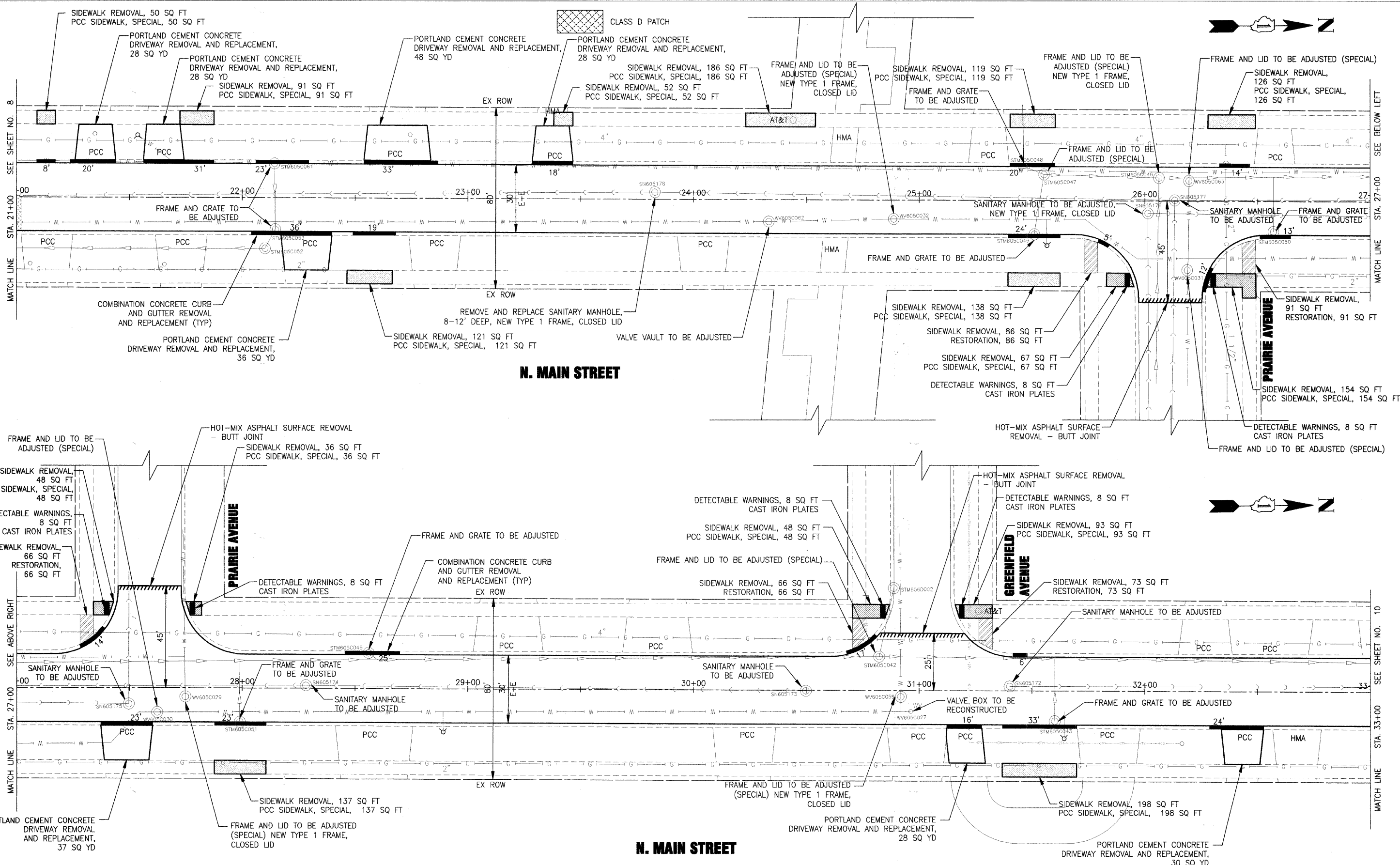
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DATE - 03-08-10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAIN STREET PLAN

SCALE: HORIZ. 1"=20' PROJECT NO: 090318 STA. 9+00 TO STA. 21+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2611	01-00142-00-RS	DuPAGE	25	8
C-91-427-10			CONTRACT NO. E3456	
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	



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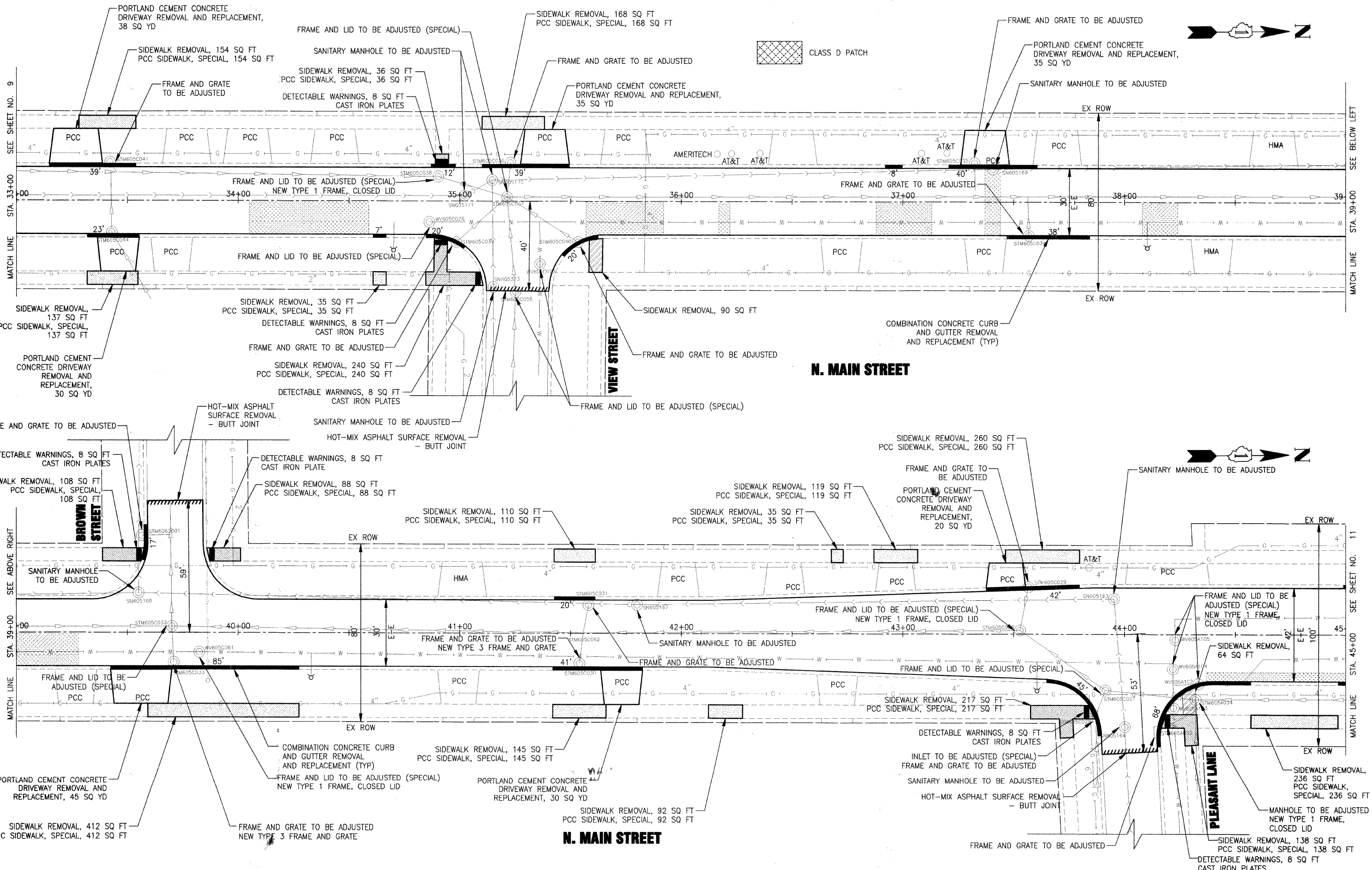
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DATE - 03-08-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAIN STREET PLAN

SCALE: HORIZ. 1"=20'	PROJECT NO: 090318	STA. 21+00	TO STA. 33+00
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2611	01-00142-00-RS	DUPAGE	25	9
C-91-427-10		CONTRACT NO. 63456		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



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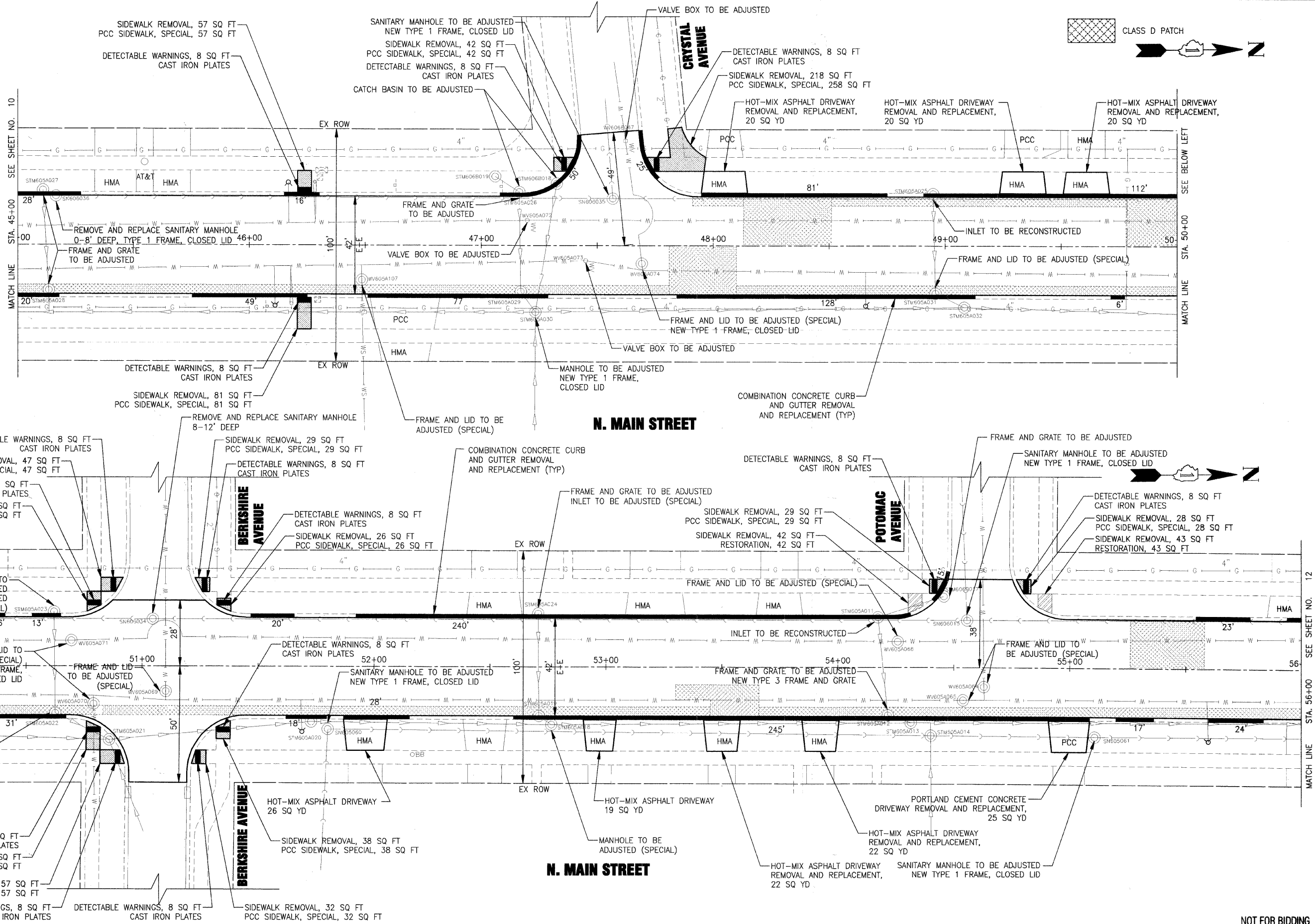
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAIN STREET PLAN

SCALE: HORIZ. 1"=20' PROJECT NO: 090318 STA. 33+00 TO STA. 45+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2611	01-00142-00-RS	DuPAGE	25	10
C-91-427-10		CONTRACT NO. 63456		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAIN STREET PLAN

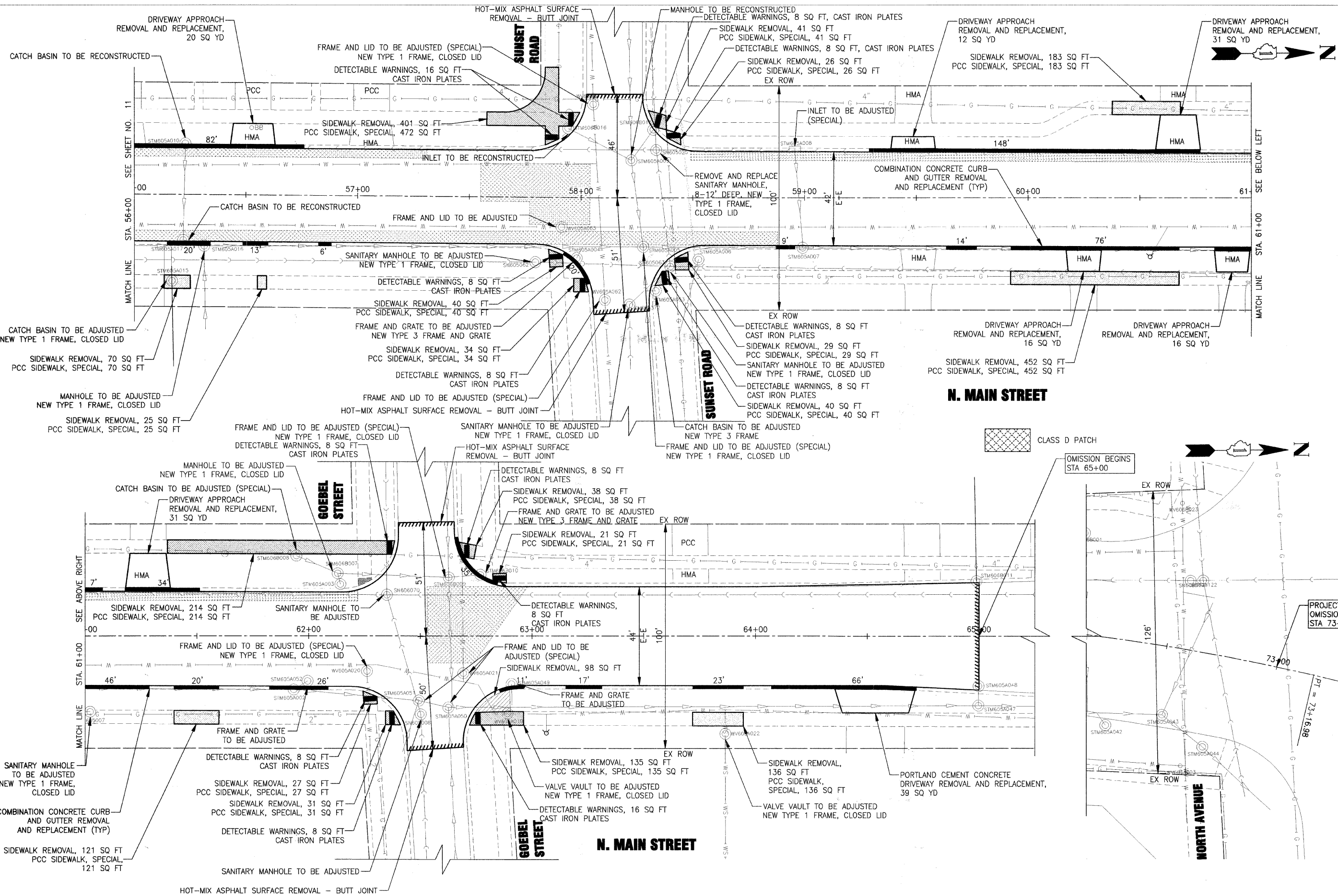
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SCALE: HORIZ. 1"=20' PROJECT NO. 090318 STA. 50+00 TO STA. 56+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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C-91-	CONTRACT NO.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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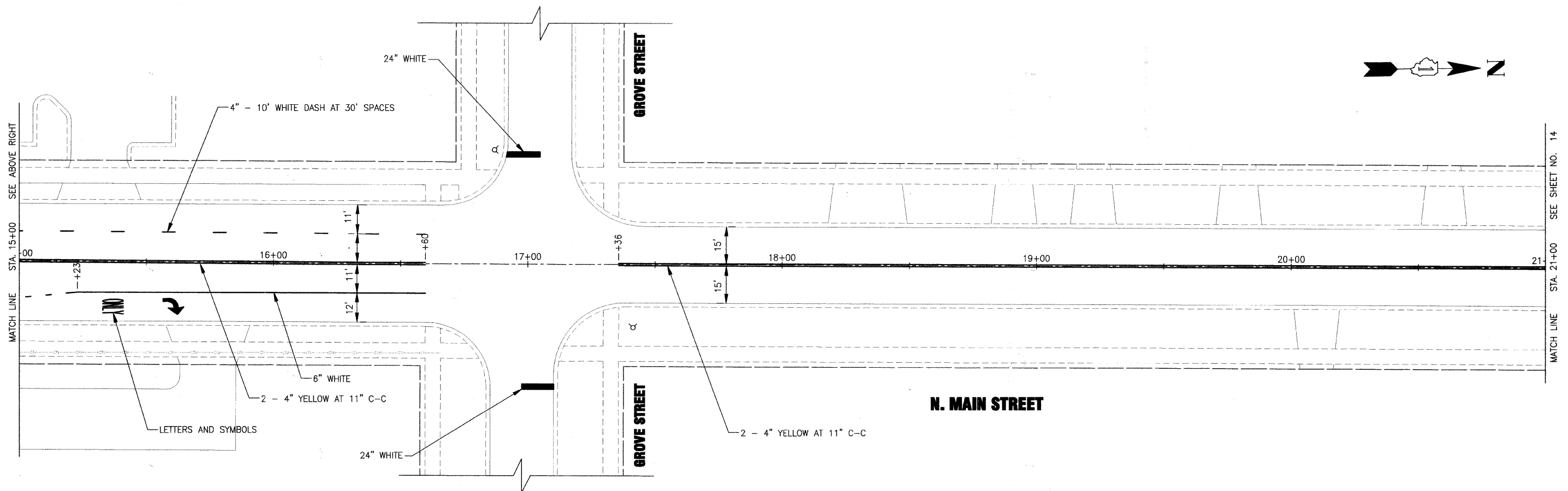
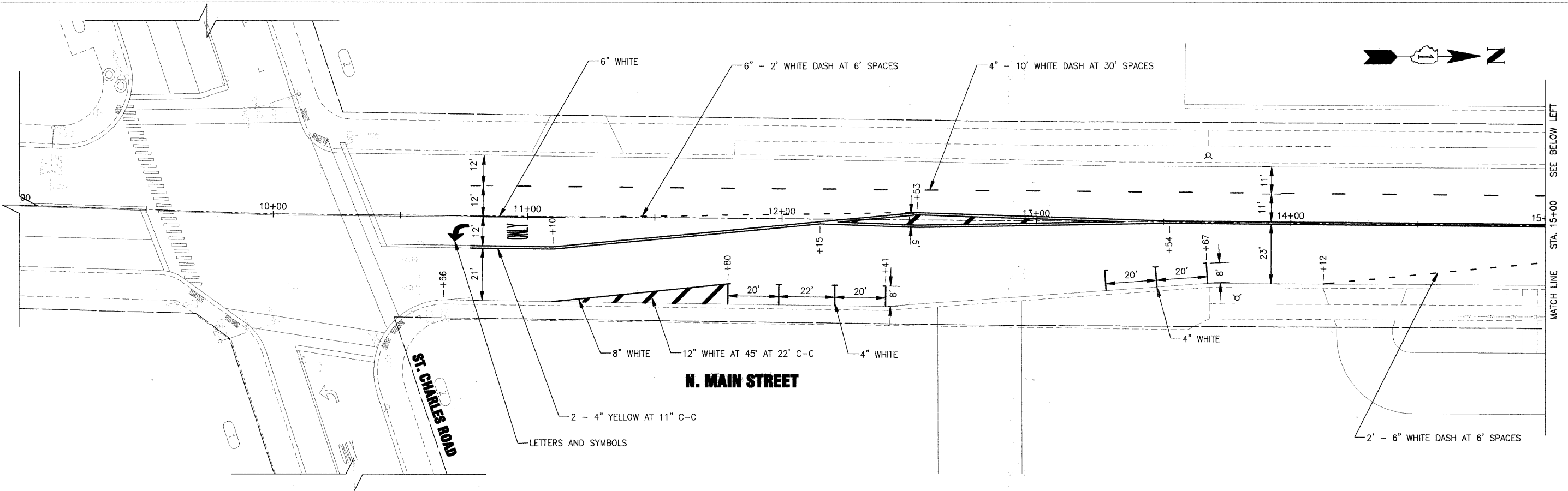
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAIN STREET PLAN

SCALE: HORIZ. 1"=20' PROJECT NO: 090318 STA 56+00 TO STA. 73+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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C-91-427-10			CONTRACT NO. 63456	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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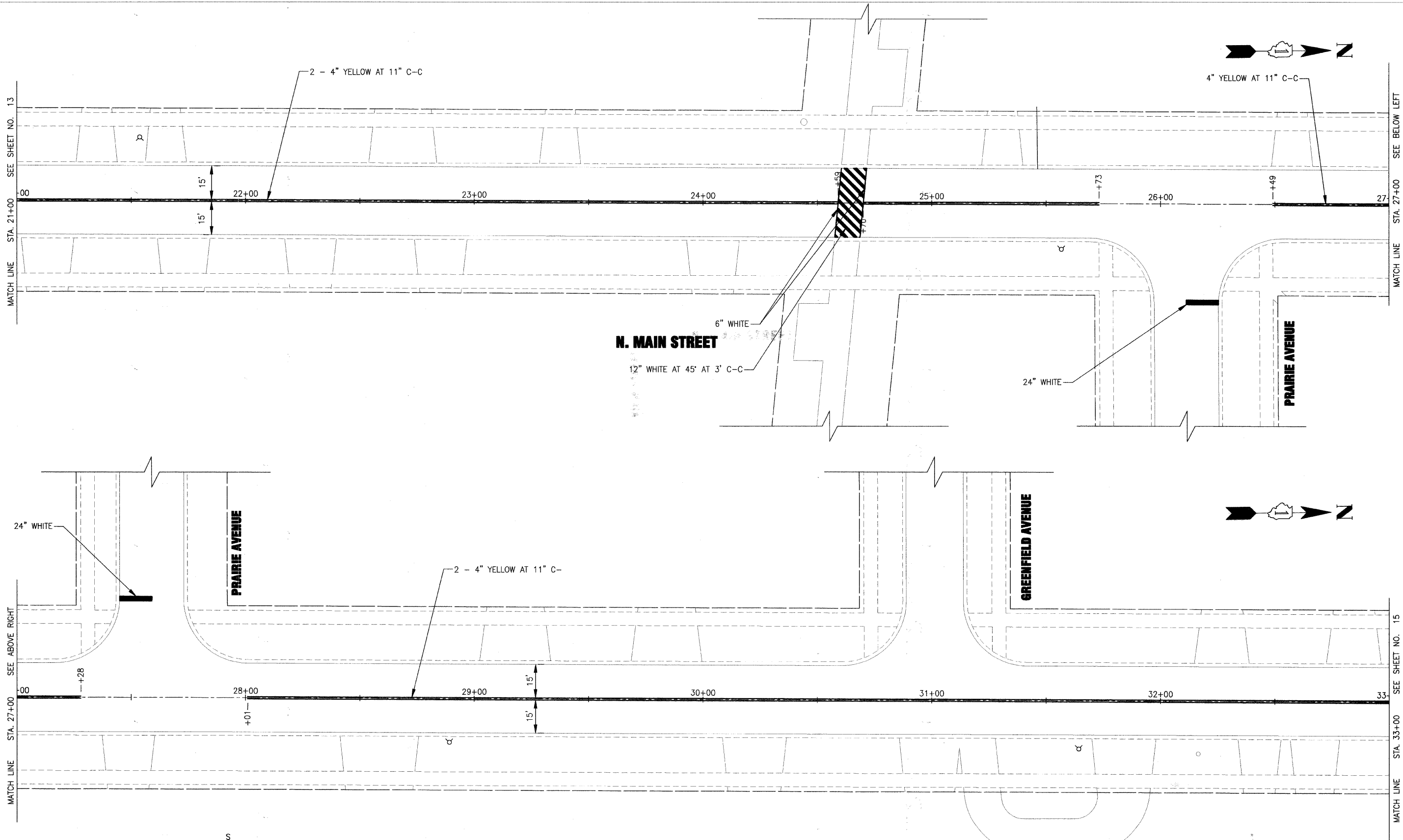
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MAIN STREET PAVEMENT MARKING PLAN

SCALE: HORIZ. 1"=20' PROJECT NO: 090318 STA. 9+00 TO STA. 21+00

F.A.U. R/L	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2611	01-00142-00-RS	DuPAGE	25	13
C-91-427-10		CONTRACT NO. 63456		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		



N. MAIN STREET

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAIN STREET PAVEMENT MARKING PLAN

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

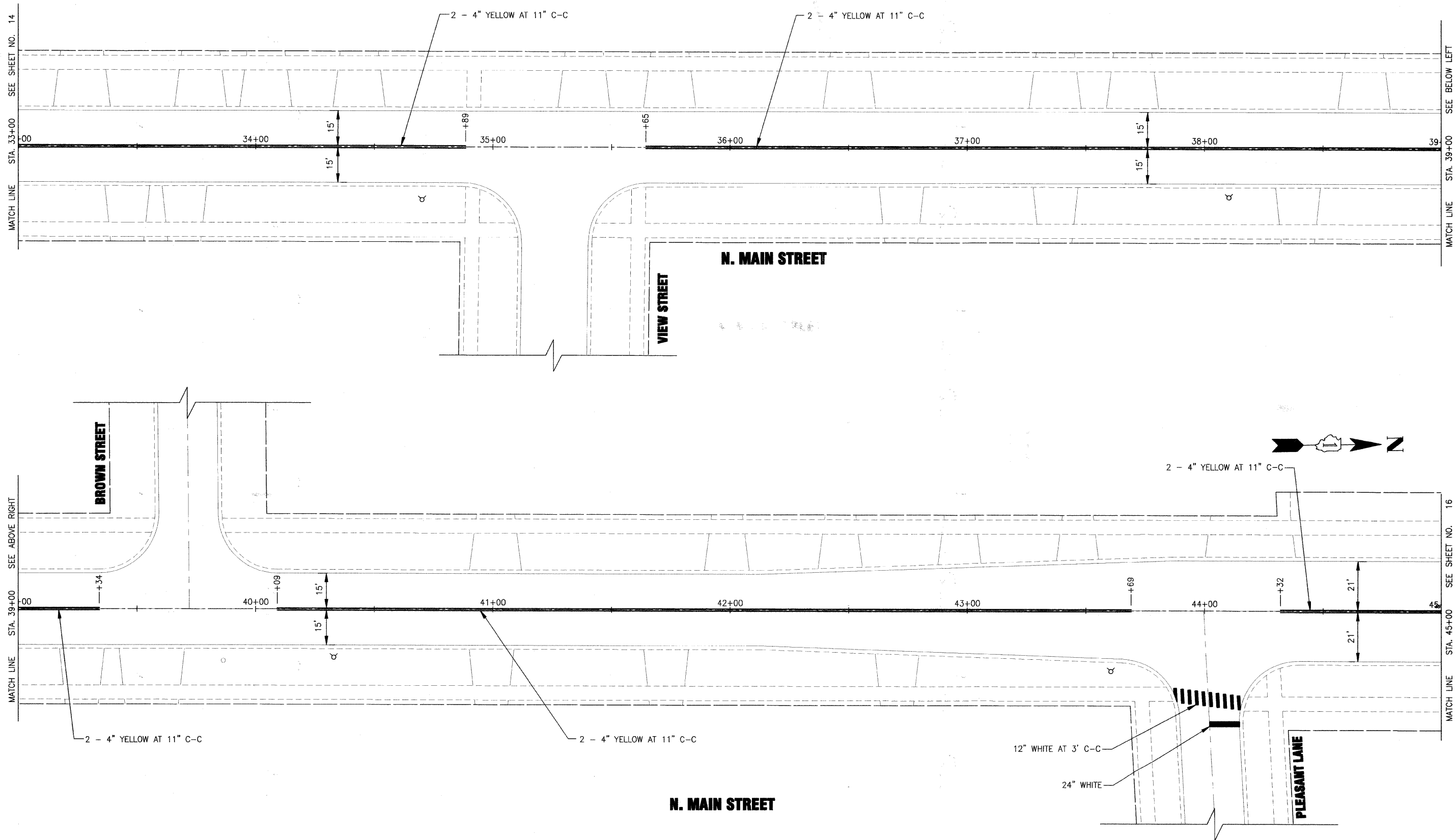
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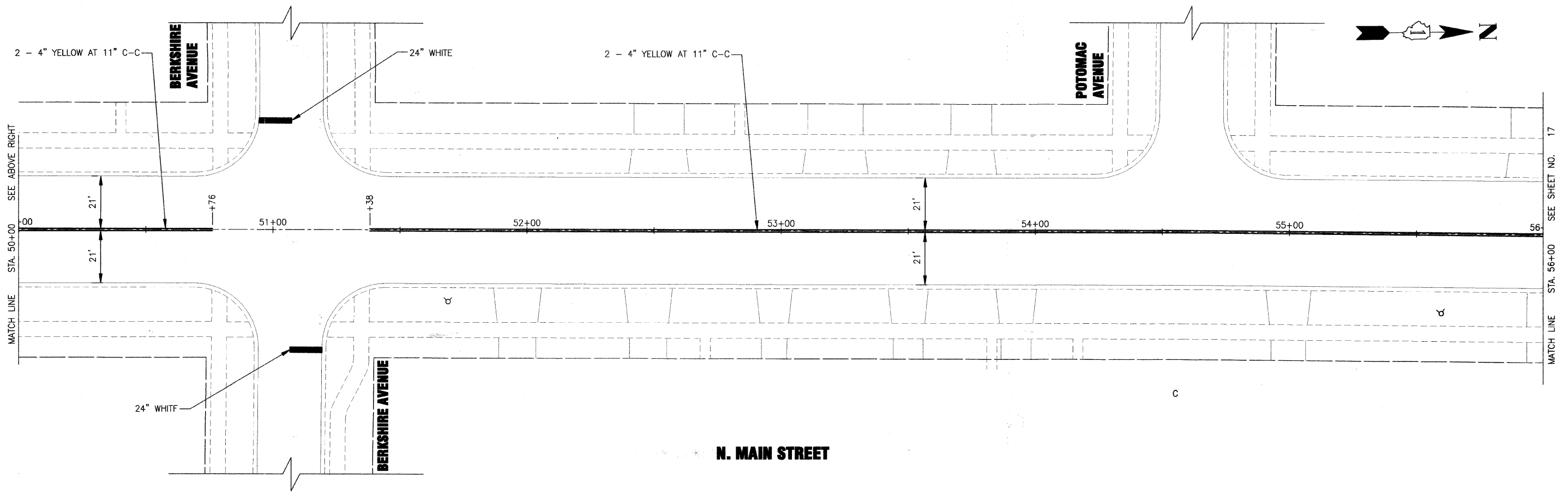
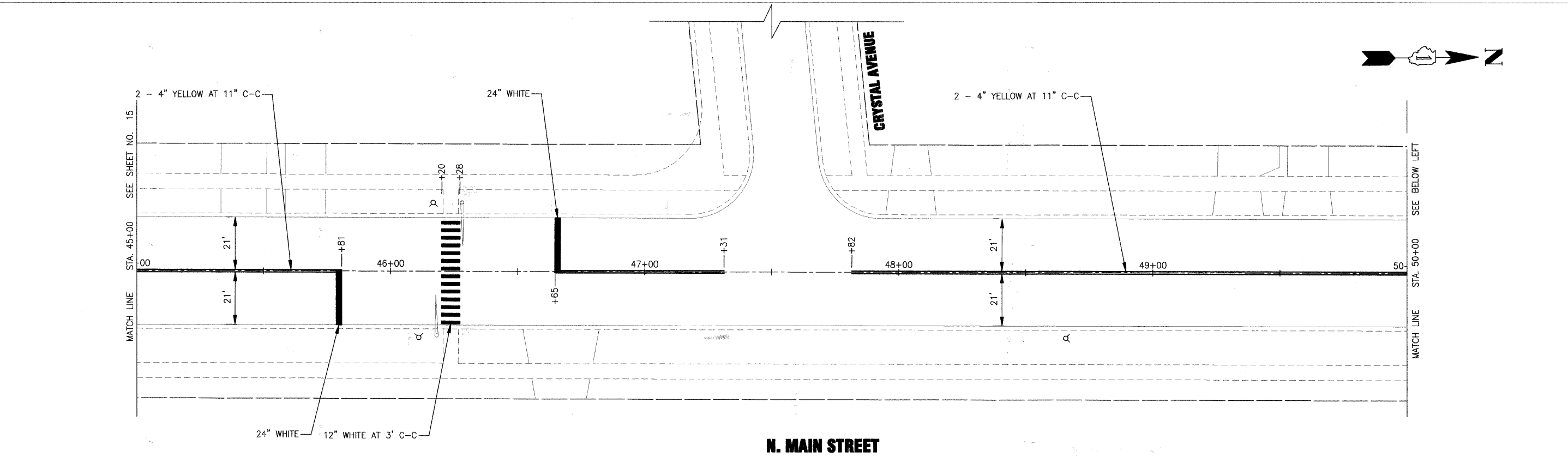
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MAIN STREET PAVEMENT MARKING PLAN

SCALE: HORIZ. 1"=20' PROJECT NO: 090318 STA. 33+00 TO STA. 45+00

F.A.U. RTE. 2611	SECTION 01-00142-00-RS	COUNTY DuPAGE	TOTAL SHEETS 25	SHEET NO. 15
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DATE - 03-08-10	REVISED -

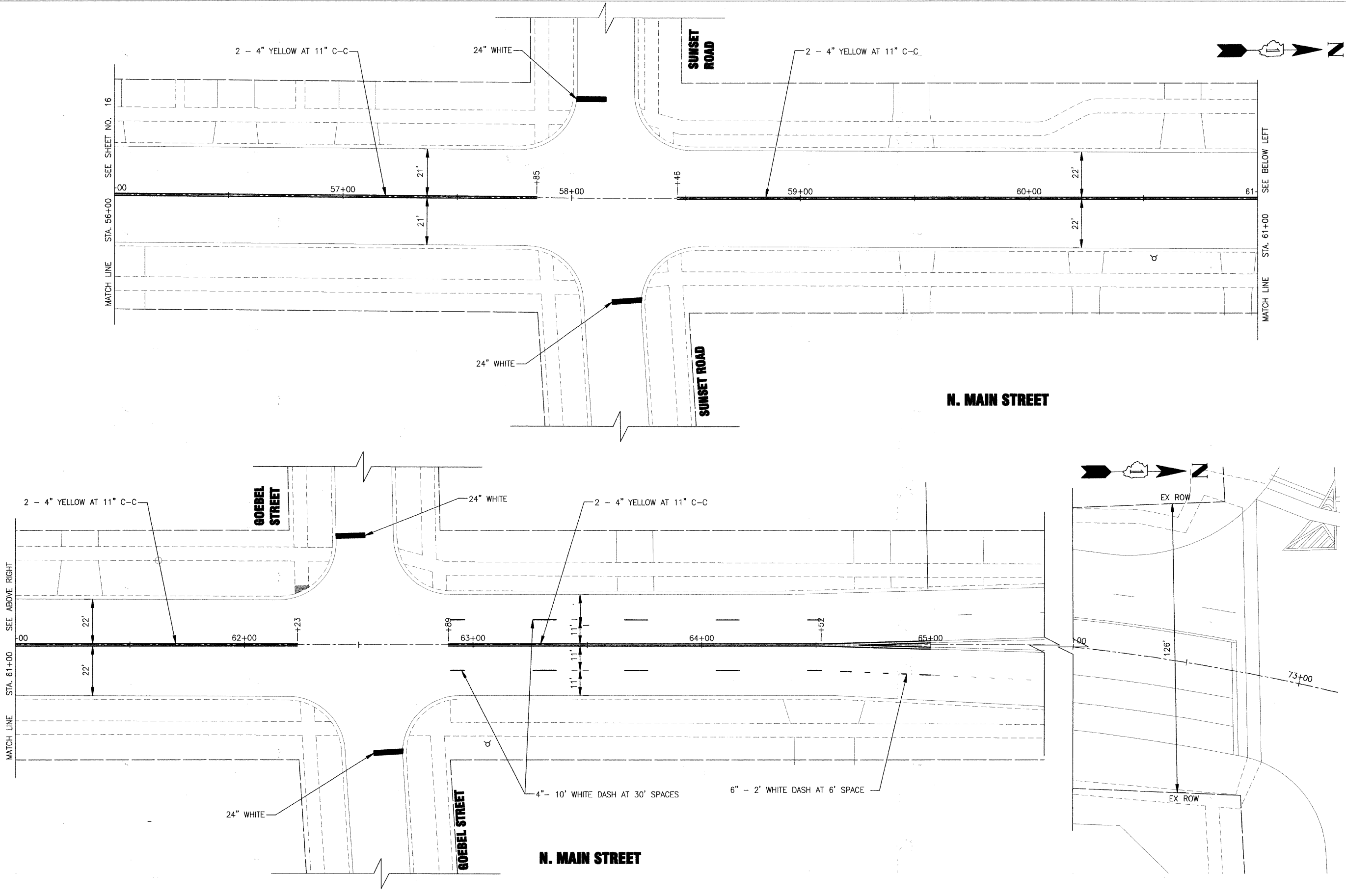
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAIN STREET PAVEMENT MARKING PLAN

SCALE: HORIZ. 1"=20' PROJECT NO: 090318 STA. 50+00 TO STA. 56+00

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2611	01-00142-00-RS	DuPAGE	25	16
C-91-427-10		CONTRACT NO. 63456		
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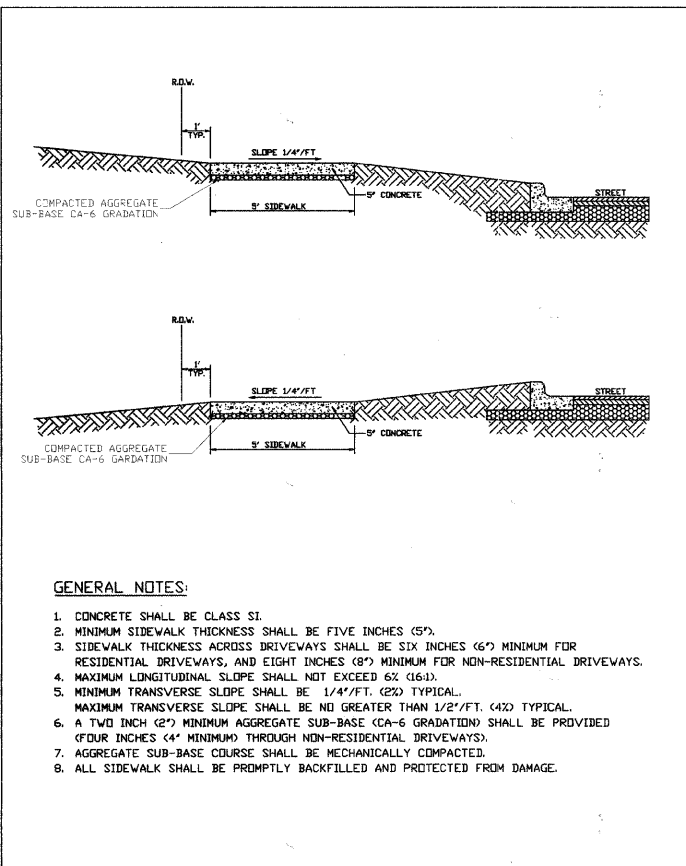
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

MAIN STREET PAVEMENT MARKING PLAN

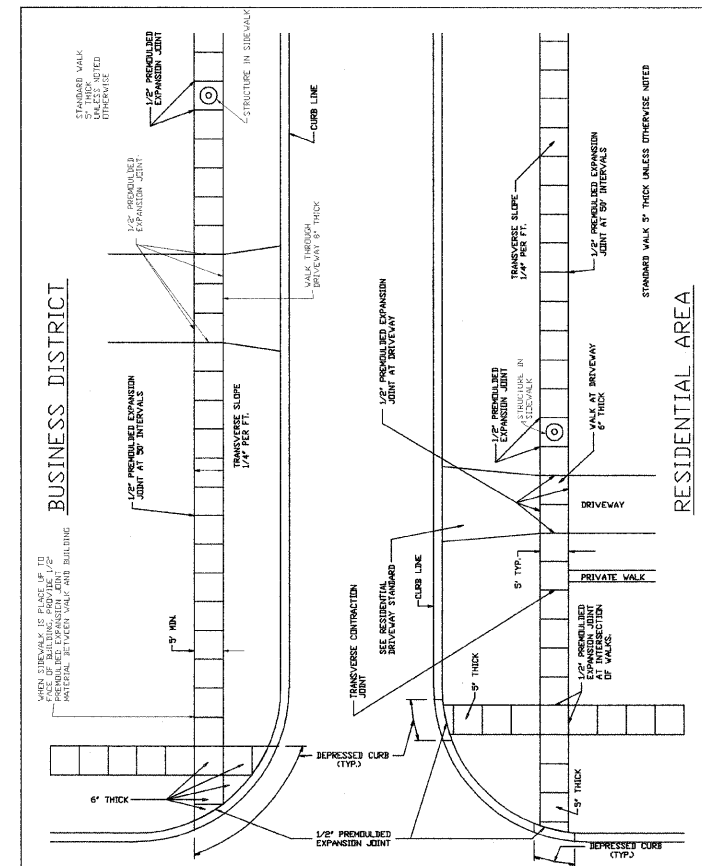
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F.A.U. R/L	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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C-91-427-10		CONTRACT NO. 6.3456		
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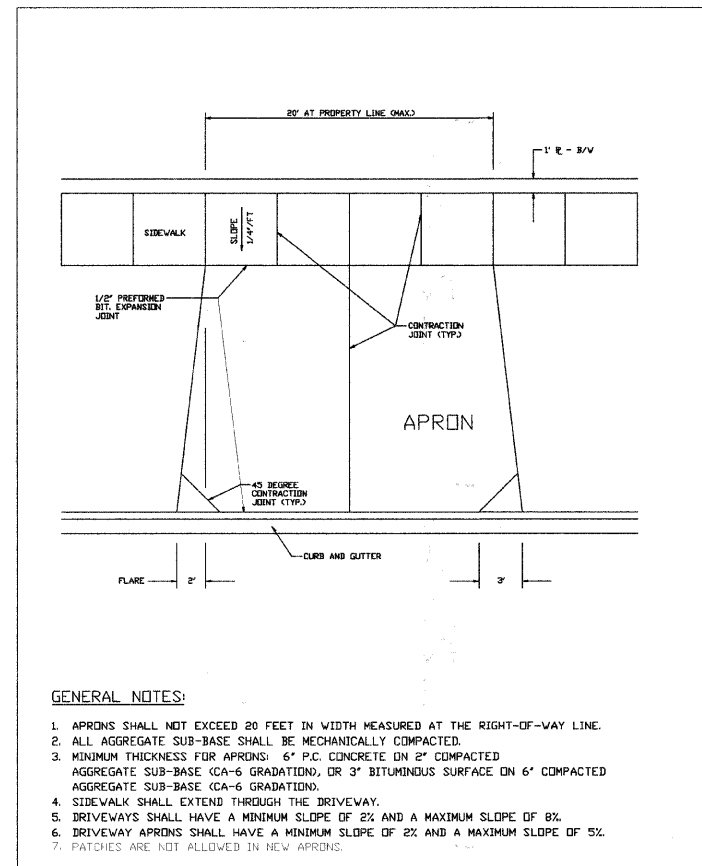


- GENERAL NOTES:**
1. CONCRETE SHALL BE CLASS SI.
 2. MINIMUM SIDEWALK THICKNESS SHALL BE FIVE INCHES (5").
 3. SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE SIX INCHES (6") MINIMUM FOR RESIDENTIAL DRIVEWAYS, AND EIGHT INCHES (8") MINIMUM FOR NON-RESIDENTIAL DRIVEWAYS.
 4. MAXIMUM LONGITUDINAL SLOPE SHALL NOT EXCEED 6% (6:1).
 5. MINIMUM TRANSVERSE SLOPE SHALL BE 1/4"/FT. (2X) TYPICAL. MAXIMUM TRANSVERSE SLOPE SHALL BE NO GREATER THAN 1/2"/FT. (4X) TYPICAL.
 6. A TWO INCH (2") MINIMUM AGGREGATE SUB-BASE (CA-6 GRADATION) SHALL BE PROVIDED (FOUR INCHES (4") MINIMUM THROUGH NON-RESIDENTIAL DRIVEWAYS).
 7. AGGREGATE SUB-BASE COURSE SHALL BE MECHANICALLY COMPACTED.
 8. ALL SIDEWALK SHALL BE PROMPTLY BACKFILLED AND PROTECTED FROM DAMAGE.

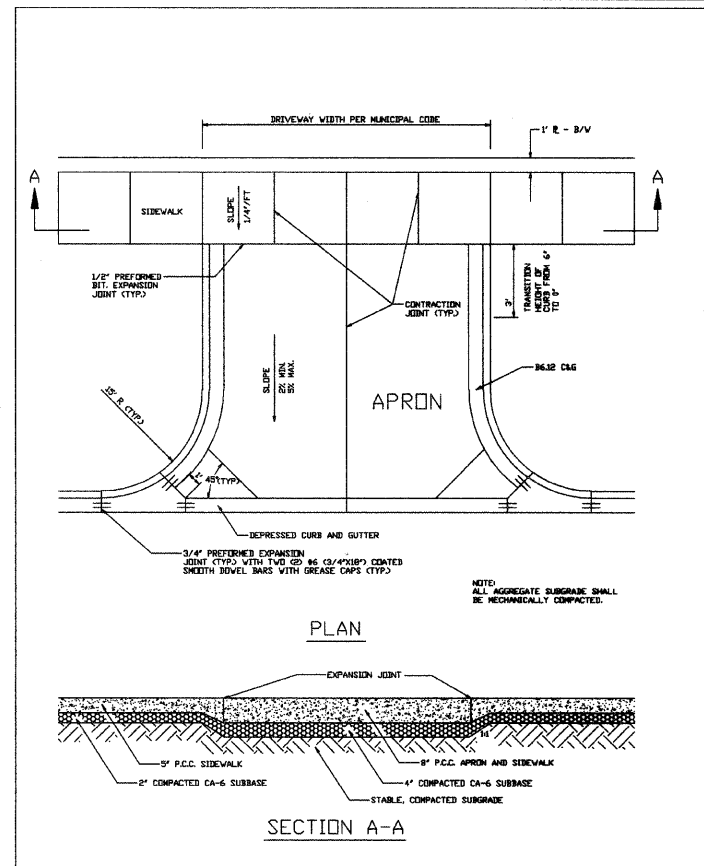
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DRAWN BY	V.J.G.	DATE			



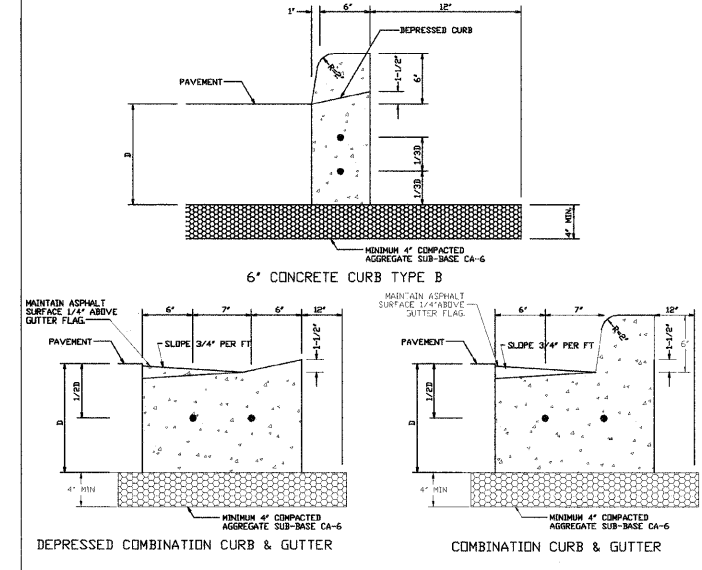
REV. 1	FSH	REV. 3-19-99	SIDEWALK CONSTRUCTION	VILLAGE OF LOMBARD	PAVEMENT 4
DRAWN BY	V.J.G.	DATE			



REV. 1	FSH	REV. 3-20-99	RESIDENTIAL DRIVEWAY APRON	VILLAGE OF LOMBARD	PAVEMENT 6
DRAWN BY	V.J.G.	DATE			

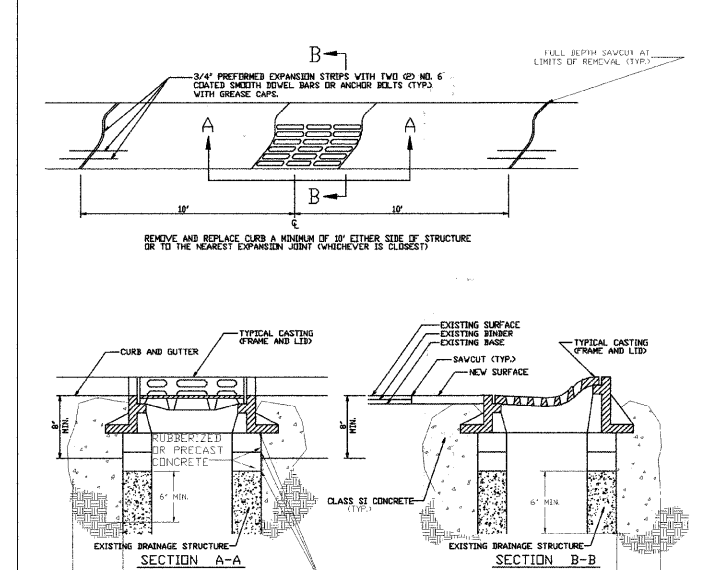


REV. 1	FSH	REV. 3-20-99	COMMERCIAL DRIVEWAY APRON	VILLAGE OF LOMBARD	PAVEMENT 7
DRAWN BY	V.J.G.	DATE			



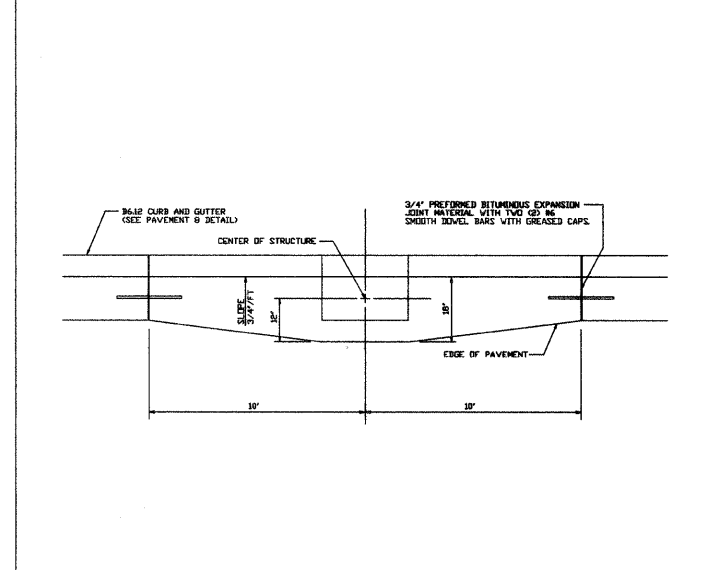
- GENERAL NOTES:**
1. 3/4" PREFORMED BITUMINOUS EXPANSION JOINT MATERIAL WITH TWO #6 COATED SMOOTH DWEL BARS (3/4" DIAMETER X 18") WITH GREASED CAPS SHALL BE PLACED EVERY 45 FEET. THEY SHALL ALSO BE PLACED AT 10' EITHER SIDE OF DRAINAGE STRUCTURES, P.C.'S, RADIUS POINTS, AND BACK OF CUL-DE-SACS. WHEN EXPANSION JOINTS ARE CONSTRUCTED ADJACENT TO EXISTING CURB AND GUTTER, THE EXISTING CURB SHALL BE DRILLED, AND TWO #6 COATED SMOOTH DWEL BARS (3/4" DIAMETER X 18") SHALL BE GROUTED IN PLACE. GREASE CAPS SHALL BE PLACED ON THE SIDE OF THE NEW CURB AND GUTTER AND SHALL HAVE A PINCHED STOP THAT WILL PROVIDE A MINIMUM 1" EXPANSION.
 2. TOLDED CONTROL JOINTS OR SAWCUTS SHALL BE MADE EVERY 15 FEET.
 3. SAWCUTS SHALL BE MADE WITHIN TWENTY-FOUR (24) HOURS AND SEALED WITH A VILLAGE APPROVED JOINT SEALANT. JOINTS SHALL BE CLEAN AND DRY PRIOR TO APPLICATION OF SEALANT.
 4. TWO (2) #4 REBARS SHALL BE PLACED CONTINUOUS THROUGHOUT THE CURB AND GUTTER.

REV. 1	FSH	REV. 1-18-91	CURB AND GUTTER	VILLAGE OF LOMBARD	PAVEMENT 8
DRAWN BY	V.J.G.	DATE			



- GENERAL NOTES:**
1. WHEN THE FRAME DOES NOT MEET PROPOSED ELEVATION, A MINIMUM OF TWO TAPERED RUBBERIZED ADJUSTING RINGS SHALL BE USED FOR FINAL ADJUSTMENT. ONE CONCRETE RING NOT LESS THAN TWO INCHES THICK MAY ALSO BE USED. A MAXIMUM OF THREE ADJUSTING RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. THE RINGS AND FRAME SHALL BE SET ON A BED OF NON-HARDENING BUCKET MASTIC.
 2. PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF TWO (2) INCHES.
 3. MORTAR SHALL NOT BE USED TO DRESS UP ADJUSTING RINGS.
 4. ALL REMOVABLE CASTINGS SHALL BE ORIENTED SO THE OPENING IN THE GRATE PROVIDES THE MAXIMUM HYDRAULIC EFFICIENCY.

REV. 1	FSH	REV. 12-18-05	CASTING ADJUSTMENTS FOR STRUCTURES IN THE CURB LINE	VILLAGE OF LOMBARD	STORM 8
DRAWN BY	V.J.G.	DATE			



- GENERAL NOTES:**
1. STORM SEWER CASTING SHALL BE NEEDHAM R-3278-1, EAST JORDAN 7221, OR EQUIVALENT AS APPROVED BY THE VILLAGE ENGINEER.

REV. 1	FSH	REV. 3-20-99	STORM SEWER INLET CURB AND GUTTER	VILLAGE OF LOMBARD	PAVEMENT 9
DRAWN BY	V.J.G.	DATE			

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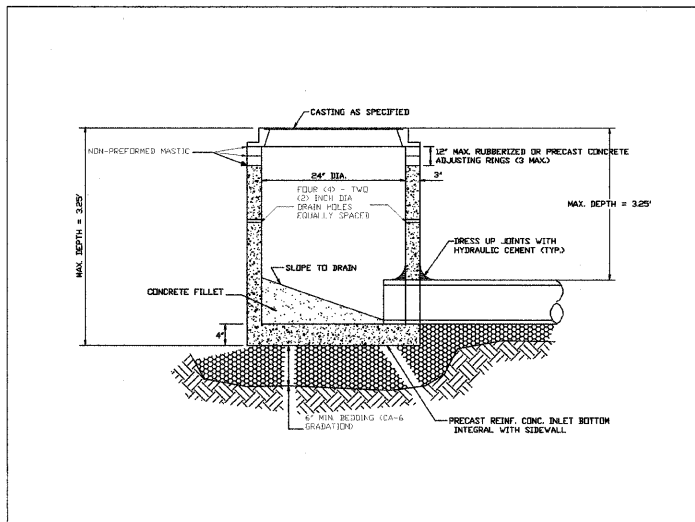
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DATE - 03-08-10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF LOMBARD STANDARD DETAILS

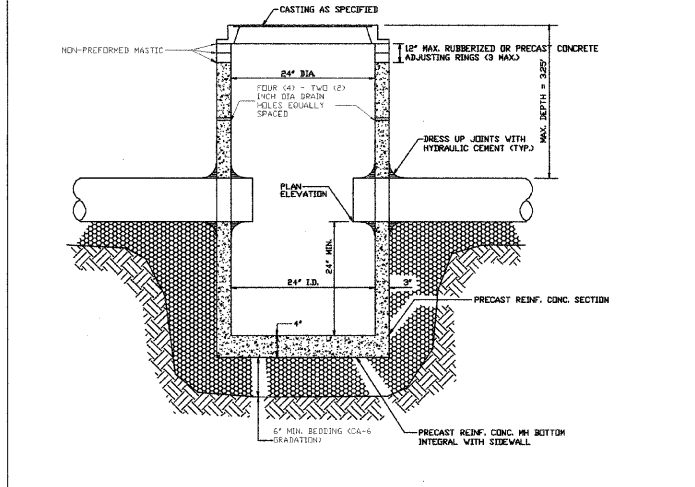
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2611	01-00142-00-RS	DuPAGE	25	18
C-91-427-1		CONTRACT NO. 63456		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

SCALE: HORIZ. 1"=20' / VERT. 1"=5' PROJECT NO: 090318 STA. TO STA.



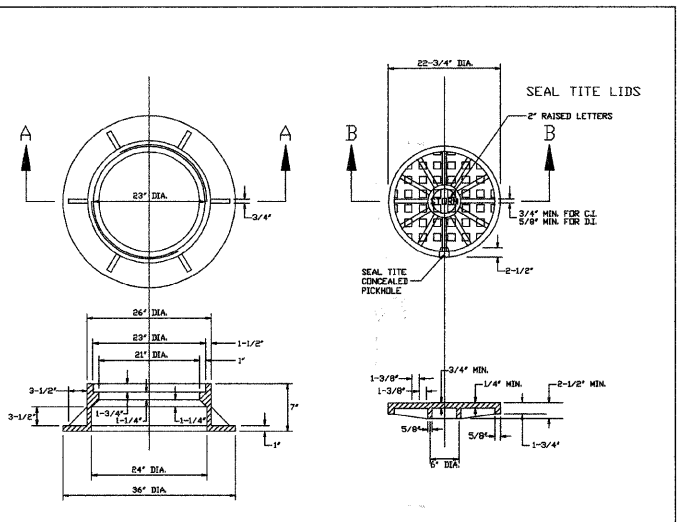
- GENERAL NOTES:**
1. PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTION. CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.
 2. PROVIDE GRANULAR BACKFILL AROUND INLET TO SUBGRADE ELEVATION IN PAVED AREAS. MATERIAL SHALL MEET THE REQUIREMENTS OF IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" FOR COARSE AGGREGATE (CA-6 GRADATION).
 3. WHEN THE FRAME DOES NOT MEET PROPOSED ELEVATION, A MINIMUM OF TWO TAPERED RUBBERIZED ADJUSTING RINGS SHALL BE USED FOR FINAL ADJUSTMENT. ONE CONCRETE RING NOT LESS THAN TWO INCHES THICK MAY ALSO BE USED. A MAXIMUM OF THREE ADJUSTING RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. EACH RING AND THE FRAME SHALL BE SET IN A BED OF NON-PREFORMED MASTIC.
 4. PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF TWO INCHES.
 5. WITHIN NON-PAVED AREAS, MORTAR SHALL ONLY BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAME ON THE EXTERIOR OF THE STRUCTURE. MORTAR IS NOT PERMITTED ON THE INSIDE OF THE RINGS AND/OR FRAME.
 6. IN PAVED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECURED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL.
 7. IN GRASSED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.
 8. IF AN IDOT TYPE B GRATE CASTING IS CALLED OUT, THE FRAME SHALL BE SET IN A BED OF PREFORMED MASTIC.

REV.:	ERH	REV. 01-06-09		VILLAGE OF LOMBARD
REV.:	ERH	REV. 03-14-99		STORM 2
DRAWN BY: V.JGL		DATE: 2-16-98		



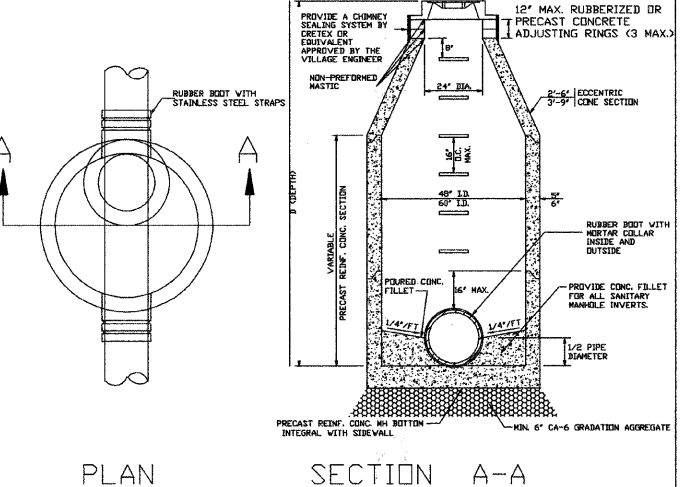
- GENERAL NOTES:**
1. PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTION. CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.
 2. PROVIDE GRANULAR BACKFILL AROUND CATCH BASIN TO SUBGRADE ELEVATION IN PAVED AREAS. MATERIAL SHALL MEET THE REQUIREMENTS OF IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" FOR COARSE AGGREGATE (CA-6 GRADATION).
 3. WHEN THE FRAME DOES NOT MEET PROPOSED ELEVATION, A MINIMUM OF TWO TAPERED RUBBERIZED ADJUSTING RINGS SHALL BE USED FOR FINAL ADJUSTMENT. ONE CONCRETE RING NOT LESS THAN TWO INCHES THICK MAY ALSO BE USED. A MAXIMUM OF THREE ADJUSTING RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. EACH RING AND THE FRAME SHALL BE SET ON A BED OF NON-PREFORMED MASTIC.
 4. PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT AND SHALL HAVE A MINIMUM THICKNESS OF TWO INCHES.
 5. MORTAR SHALL NOT BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAME.
 6. DRESS UP INTERIOR JOINTS WITH HYDRAULIC CEMENT.
 7. IN PAVED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE COVERED WITH FILTER FABRIC. FILTER FABRIC SHALL BE SECURED TO THE OUTSIDE OF STRUCTURE PRIOR TO BACKFILL.
 8. IN GRASSED AREAS, DRAIN HOLES/WEEP HOLES SHALL BE PLUGGED WITH HYDRAULIC CEMENT.

REV.:	ERH	REV. 01-06-09		VILLAGE OF LOMBARD
REV.:	ERH	REV. 03-14-99		STORM 4
DRAWN BY: V.JGL		DATE: 2-16-98		



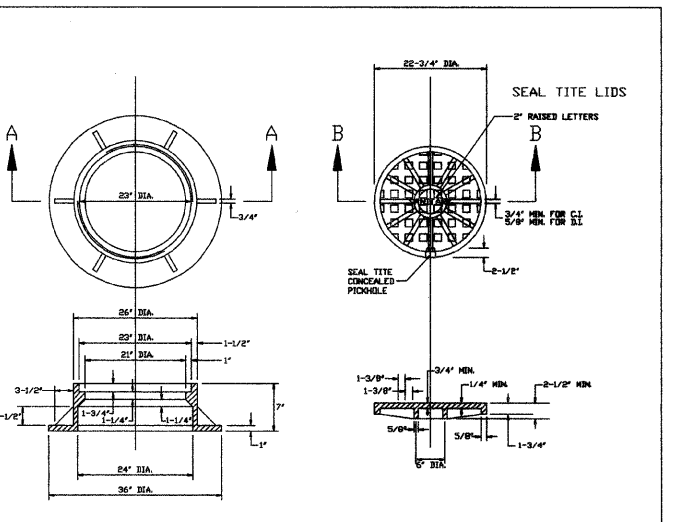
- GENERAL NOTES:**
1. DUCTILE IRON CASTING SHALL BE TESTED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS.
 2. ALL FRAMES AND COVERS SHALL HAVE A MACHINED HORIZONTAL AND VERTICAL BEARING SURFACES. PICK HOLES IN THE COVER SHALL NOT BE OPEN.
 3. THE MANHOLE COVERS SHALL HAVE RAISED LETTERS AS SHOWN.
 4. DIMENSIONS FOR CASTINGS ARE COMPARABLE TO EAST JORDAN IRON WORKS, INC. 1022-3 OR NEENAH FOUNDRY 1772-C FURNISHED WITH TYPE F CONCEALED PICK HOLES OR APPROVED EQUAL.
 5. WATERPROOF, BOLTDOWN FRAME AND COVER SHALL BE USED IN ANY LOCATION SUBJECT TO INUNDATION. (NEENAH R-1916-F, EAST JORDAN 1022-3 WT WITH TYPE 3 CLOSED PICK HOLES OR APPROVED EQUAL).

REV.:	ERH	REV. 09-09-09		VILLAGE OF LOMBARD
REV.:	ERH	REV. 03-09-99		STORM 3B
DRAWN BY: V.JGL		DATE: 2-16-98		



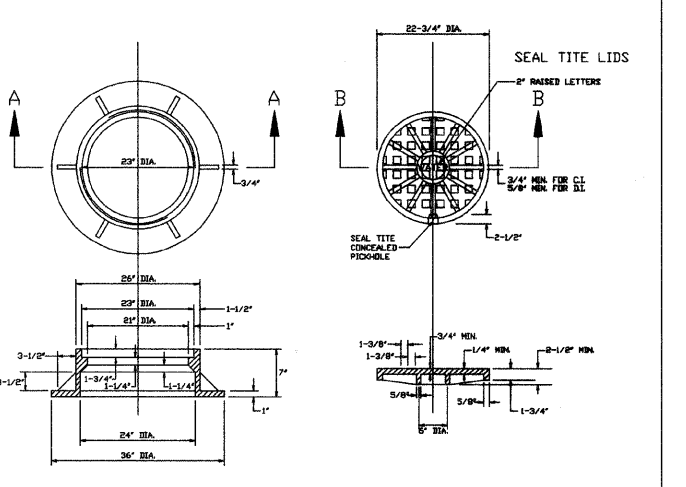
- GENERAL NOTES:**
1. PROVIDE PRECAST REINFORCED CONCRETE BARREL AND RISER SECTION. CONCRETE BLOCK CONSTRUCTION IS NOT PERMITTED.
 2. PROVIDE SELECT GRANULAR BACKFILL AROUND MANHOLE TO SUBGRADE ELEVATION IN PAVED AREAS. MATERIAL SHALL MEET THE REQUIREMENTS OF IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" FOR COARSE AGGREGATE (CA-6 GRADATION), OR AS OTHERWISE DIRECTED BY THE VILLAGE ENGINEER.
 3. APPLY A CONTINUOUS LAYER OF NON-HARDENING PREFORMED BITUMINOUS MASTIC MATERIAL (RUB-R-NEK OR EZ STICK) TO EACH JOINT BELOW THE BOTTOM OF CONE OR FLATTOP TO PREVENT INFLOW.
 4. WHEN THE FRAME DOES NOT MEET PROPOSED ELEVATION, A MINIMUM OF TWO TAPERED RUBBERIZED ADJUSTING RINGS SHALL BE USED FOR FINAL ADJUSTMENT. ONE CONCRETE RING NOT LESS THAN TWO INCHES THICK MAY ALSO BE USED. A MAXIMUM OF THREE ADJUSTING RINGS MAY BE USED TO A MAXIMUM HEIGHT OF 12 INCHES. EACH RING AND THE FRAME SHALL BE SET ON A BED OF NON-PREFORMED MASTIC.
 5. PRECAST ADJUSTING RINGS SHALL BE REINFORCED WITH NO. 3 GAUGE WIRE OR EQUIVALENT.
 6. MORTAR SHALL NOT BE USED TO DRESS UP ADJUSTING RINGS AND/OR FRAME.
 7. ONLY PLASTIC POLYMER STEPS SHALL BE USED.
 8. WHEN MANHOLE DEPTH IS OVER 12 FEET, THE THICKNESS OF THE BASE SHALL BE A MINIMUM OF 10 INCHES. WHEN MANHOLE DEPTH IS LESS THAN 12 FEET, THE THICKNESS SHALL BE A MINIMUM OF 8 INCHES.
 9. DRESS UP INTERIOR JOINTS WITH HYDRAULIC CEMENT.
 10. SANITARY MANHOLES SHALL BE CONSTRUCTED WITH A CHIMNEY SEALING SYSTEM BY CRETEX OR AN EQUAL APPROVED BY THE VILLAGE. CHIMNEY SEALS SHALL BE REQUIRED UNLESS THE MANHOLE IS ADJUSTED TO FINAL GRADE IN ACCORDANCE WITH VILLAGE DETAIL STORM 7 - CASTING ADJUSTMENTS FOR STRUCTURES IN PAVED AREAS.

REV.:	ERH	REV. 01-06-09		VILLAGE OF LOMBARD
REV.:	ERH	REV. 07-14-99		SANITARY 1
DRAWN BY: V.JGL		DATE: 2-16-98		



- GENERAL NOTES:**
1. DUCTILE IRON CASTING SHALL BE TESTED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS.
 2. ALL FRAMES AND COVERS SHALL HAVE A MACHINED HORIZONTAL AND VERTICAL BEARING SURFACES. PICK HOLES IN THE COVER SHALL NOT BE OPEN.
 3. THE MANHOLE COVERS SHALL HAVE RAISED LETTERS AS SHOWN.
 4. DIMENSIONS FOR CASTINGS ARE COMPARABLE TO EAST JORDAN IRON WORKS, INC. 1022-3 OR NEENAH FOUNDRY 1772-C FURNISHED WITH TYPE F CONCEALED PICK HOLES OR APPROVED EQUAL.
 5. WATERPROOF, BOLTDOWN FRAME AND COVER SHALL BE USED IN ANY LOCATION SUBJECT TO INUNDATION. (NEENAH R-1916-F, EAST JORDAN 1022-3 WT WITH TYPE 3 CLOSED PICK HOLES OR APPROVED EQUAL).

REV.:	ERH	REV. 03-09-99		VILLAGE OF LOMBARD
REV.:	ERH	REV. 03-09-99		SANITARY 3
DRAWN BY: V.JGL		DATE: 2-16-98		



- GENERAL NOTES:**
1. DUCTILE IRON CASTING SHALL BE TESTED IN ACCORDANCE WITH FEDERAL SPECIFICATIONS.
 2. ALL FRAMES AND COVERS SHALL HAVE A MACHINED HORIZONTAL AND VERTICAL BEARING SURFACES. PICK HOLES IN THE COVER SHALL NOT BE OPEN.
 3. THE MANHOLE COVERS SHALL HAVE RAISED LETTERS AS SHOWN.
 4. DIMENSIONS FOR CASTINGS ARE COMPARABLE TO EAST JORDAN 1022-3 OR NEENAH FOUNDRY 1772-C OR APPROVED EQUAL.
 5. WATERPROOF, BOLTDOWN FRAME AND COVER SHALL BE USED IN ANY LOCATION SUBJECT TO INUNDATION. (NEENAH R-1916-F, EAST JORDAN 1022-3 WT OR APPROVED EQUAL).

REV.:	ERH	REV. 03-09-99		VILLAGE OF LOMBARD
REV.:	ERH	REV. 03-09-99		WATER 5
DRAWN BY: V.JGL		DATE: 2-16-98		

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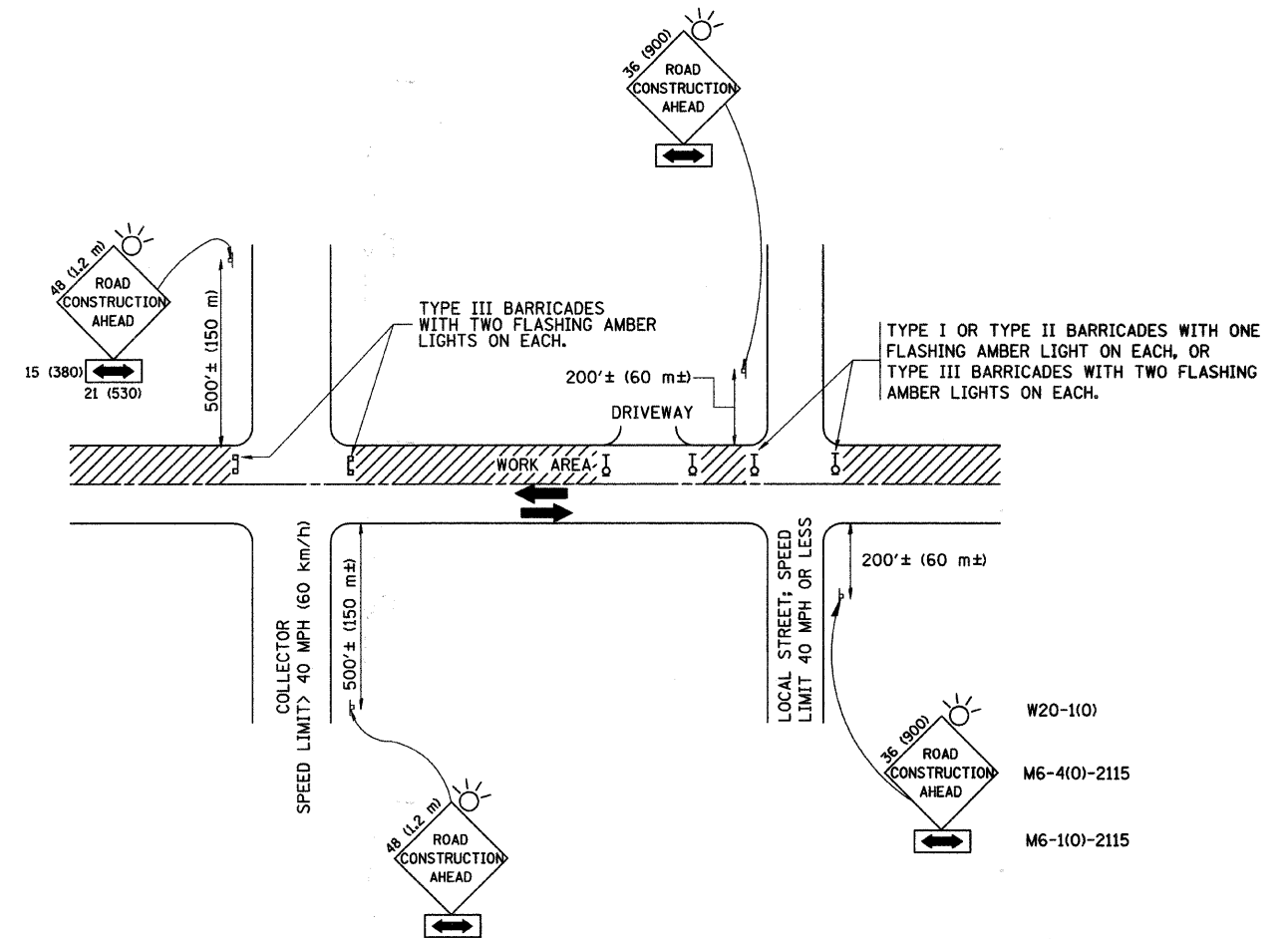
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DATE - 03-08-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

VILLAGE OF LOMBARD STANDARD DETAILS

SCALE: HORIZ. 1"=20' / VERT. 1"=5' PROJECT NO: 090318 STA. TO STA.

F.A.U. R/L:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2611	01-00142-00-RS	DuPAGE	25	19
C-91-427-10		CONTRACT NO. 63456		
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
 1. 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:
 - a) 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.
 - b) 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.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) 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.
 - b) 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.

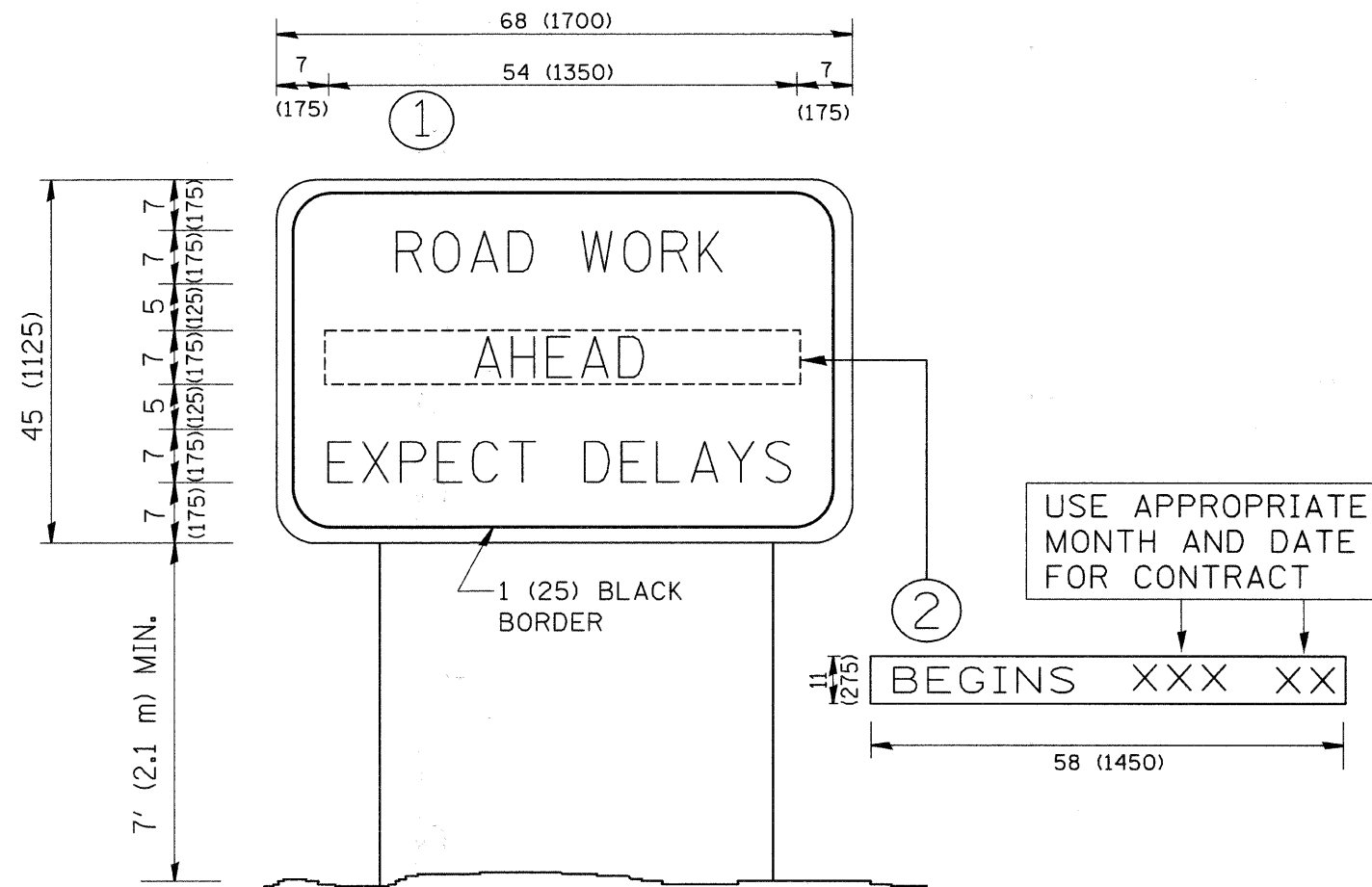
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	PLOT SCALE = 50,000 / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 63456	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

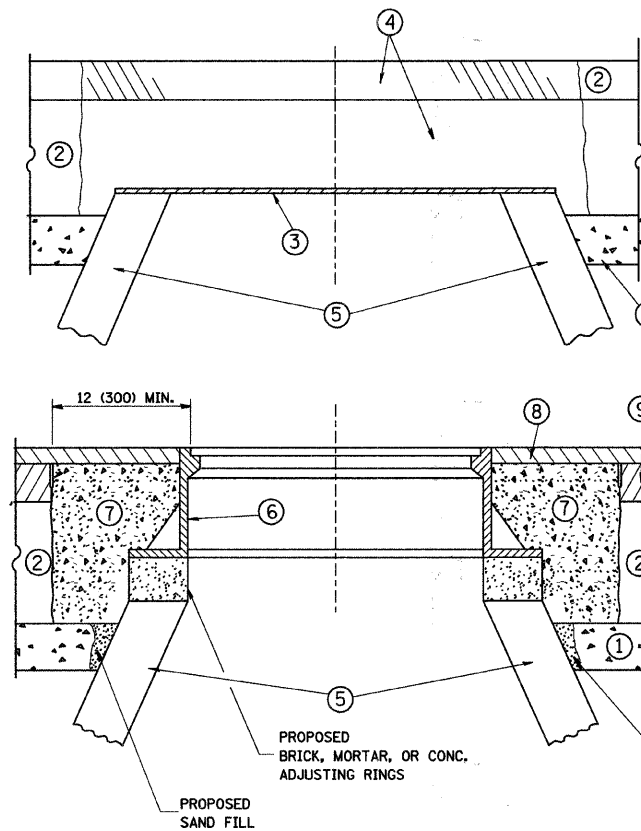


NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

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		PLOT SCALE = 50.000' / IN.	REVISED - T. RAMMACHER 02-02-99		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		PLOT DATE = 1/4/2008	REVISED - C. JUCIUS 01-31-07									



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS SI CONCRETE, OR HMA SURFACE COURSE OR HMA BINDER COURSE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS SI CONCRETE, HMA SURFACE COURSE OR HMA BINDER COURSE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT: THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL"

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

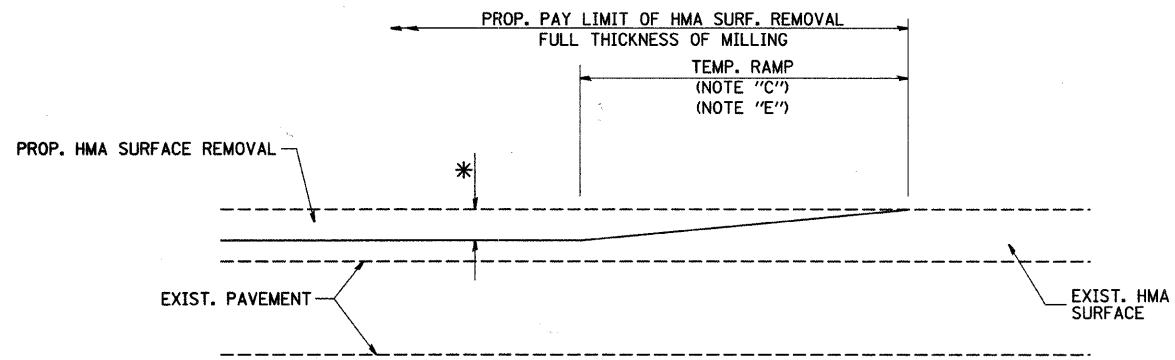
THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

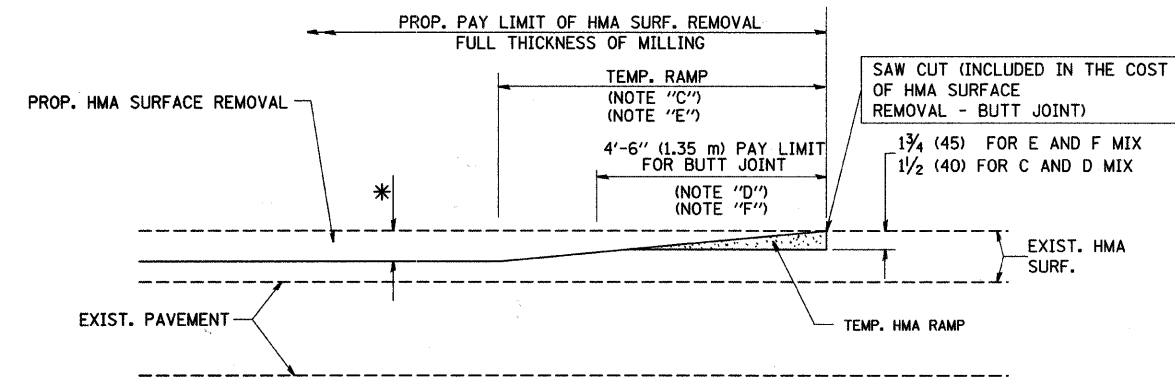
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		DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	2611	01-00142-00-RS	DuPAGE	25	22
		PLOT SCALE = 50.0000' / IN.	REVISOR - R. WIEDEMAN 05-14-04						BD800-03 (BD-8)		CONTRACT NO. 63456		
		PLOT DATE = 1/4/2008	REVISOR - R. BORO 01-01-07						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



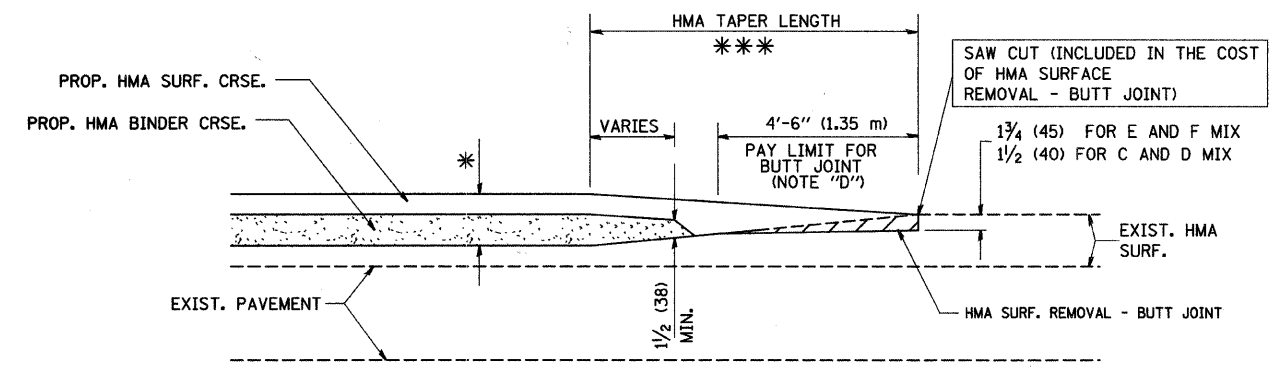
MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

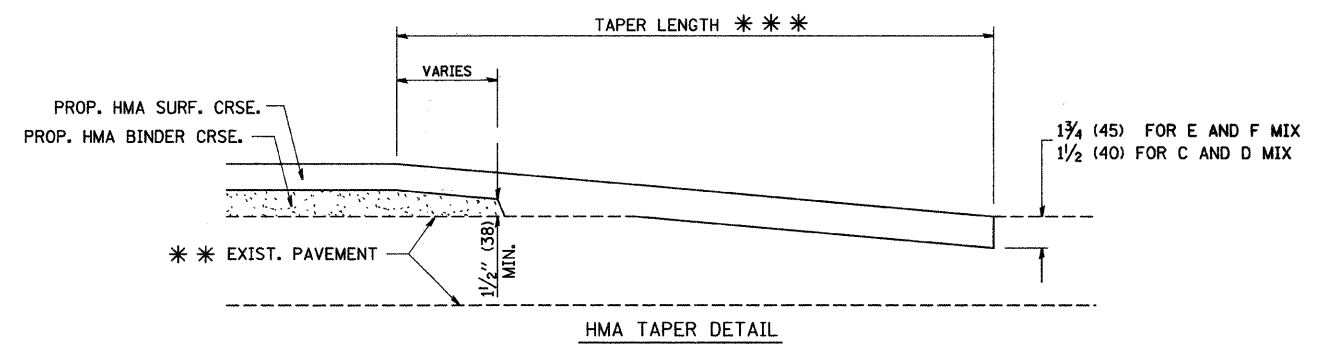
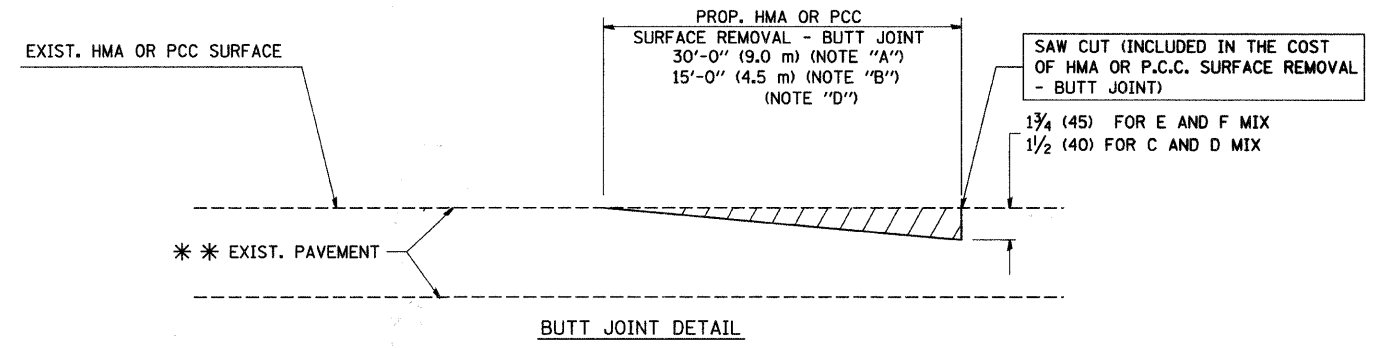


HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2
TYPICAL TEMPORARY RAMP



BUTT JOINT AND HMA TAPER
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

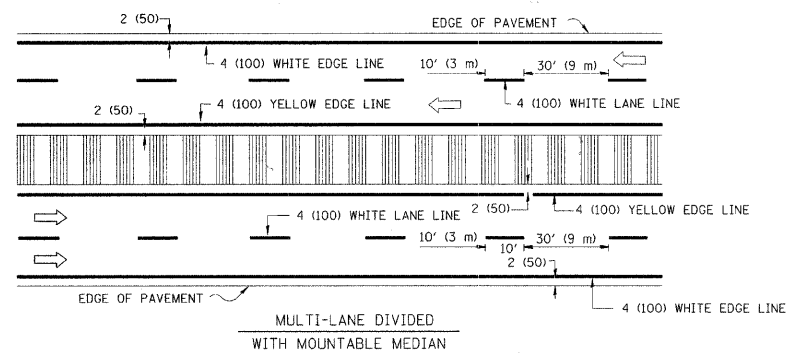
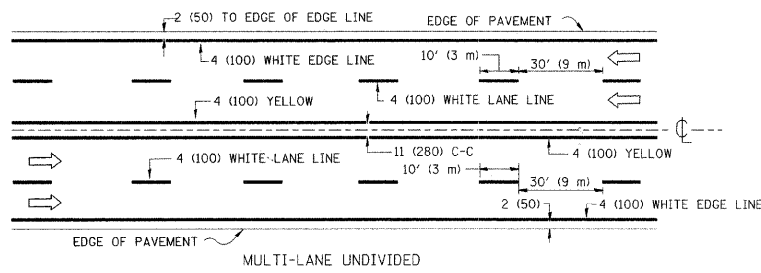
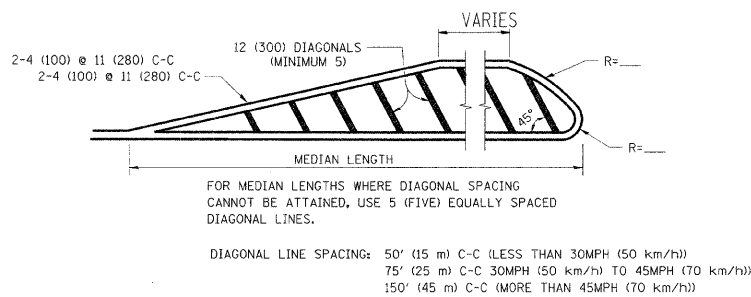
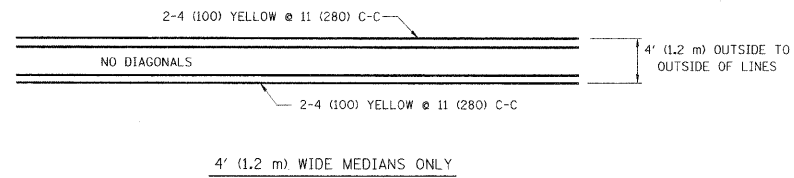
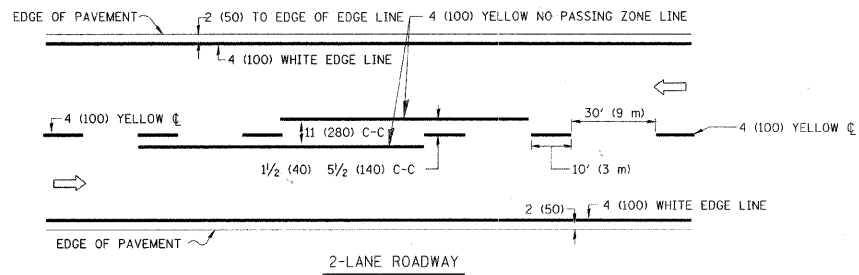
- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF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

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

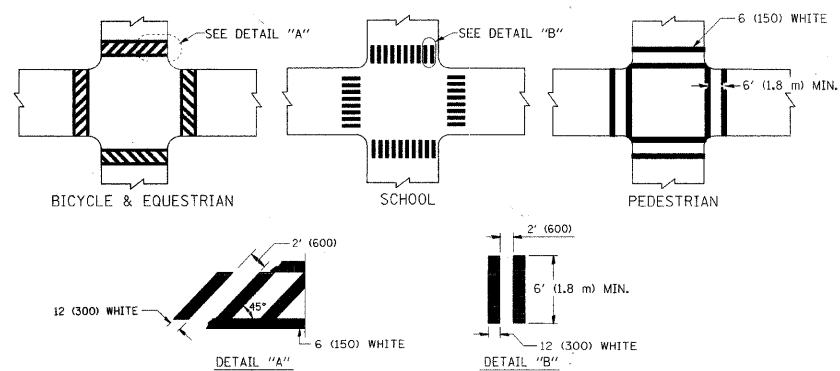
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\datastd\22x34\bd32.dgn	USER NAME = geglano	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT AND HMA TAPER DETAILS		F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50,0000' / IN.	DRAWN -	REVISED - A. ABBAS 03-21-97		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	2611	01-00142-00-RS	DUPAGE	25	23
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - M. GOMEZ 04-06-01					BD400-05 BD32		CONTRACT NO. 63486		
		DATE - 06-13-90	REVISED - R. BORO 01-01-07					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

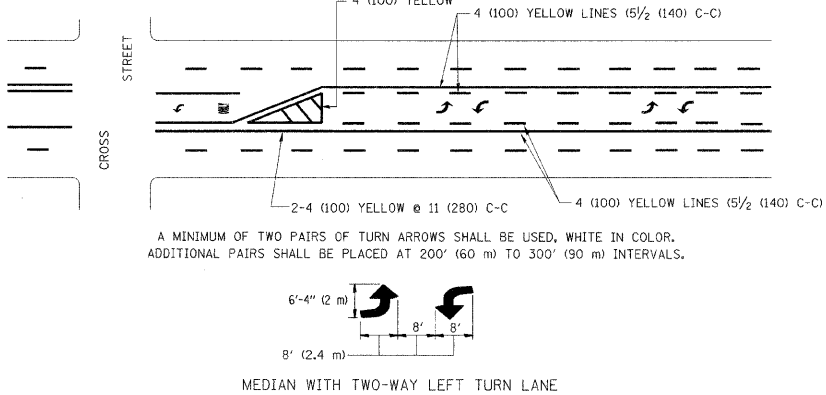


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

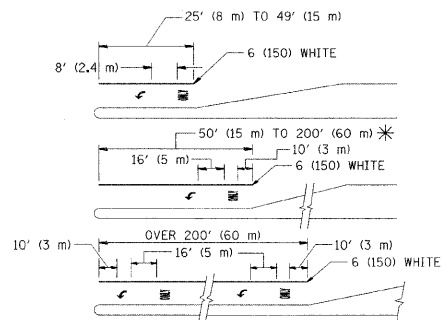
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



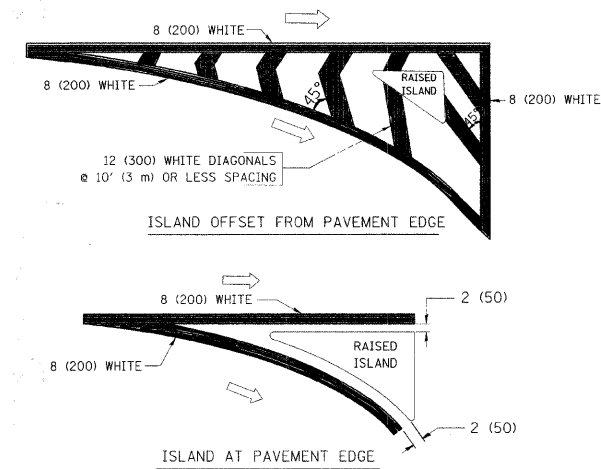
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
* 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

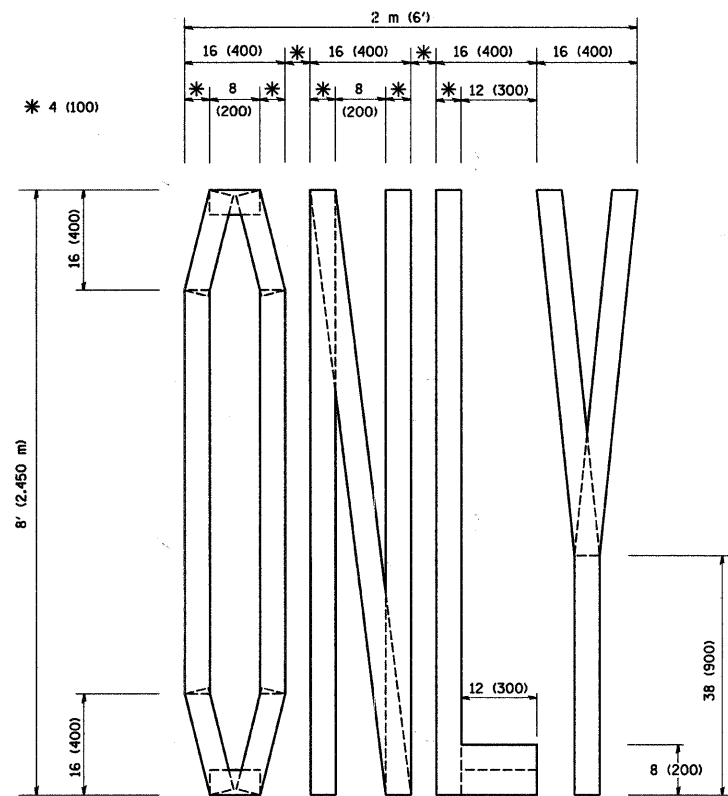


TYPICAL ISLAND MARKING

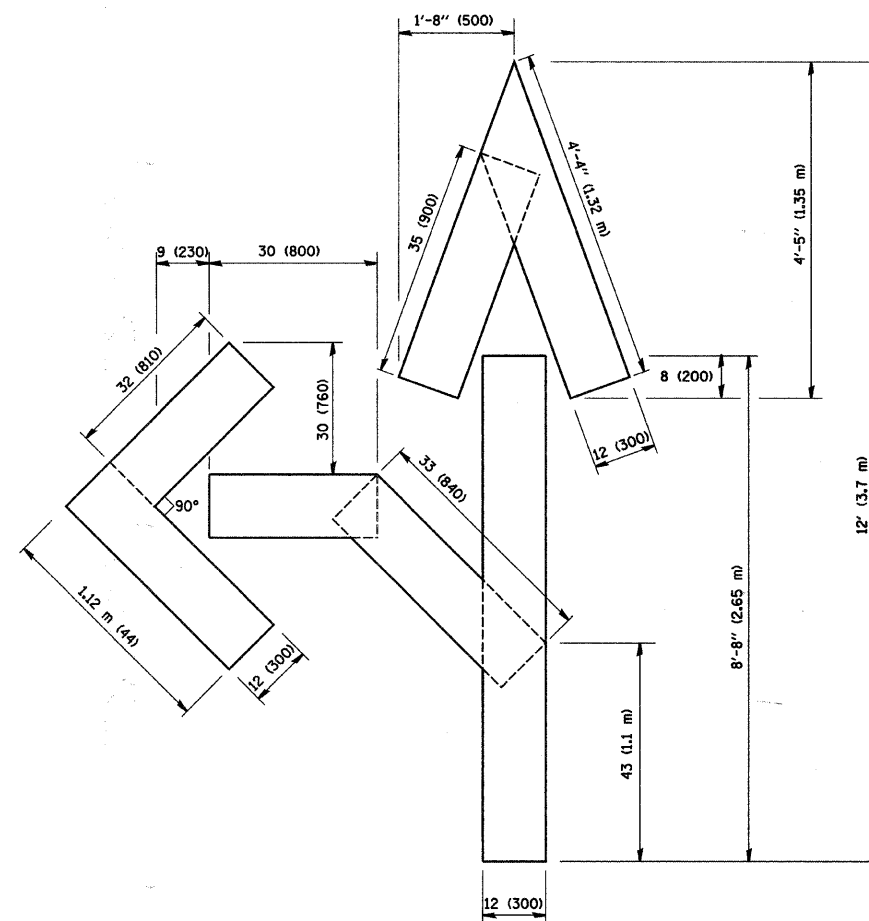
TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100)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

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

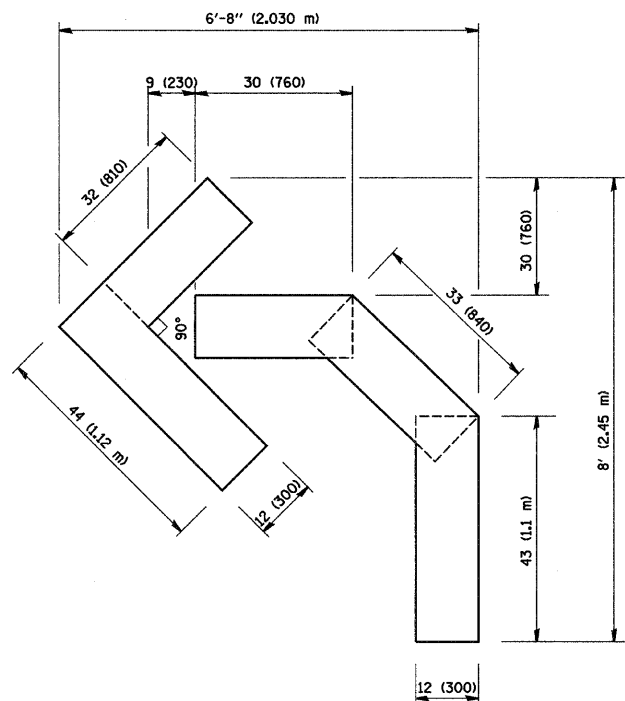
All dimensions are in inches (millimeters) unless otherwise shown.



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

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

FILE NAME = W:\data\d\22x34\to15.dgn	USER NAME = geglienobt	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
		DRAWN -	REVISED -T. RAMMACHER 11-04-97
	PLOT SCALE = 50.0000" / IN.	CHECKED -	REVISED -T. RAMMACHER 03-02-98
	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2611	01-00142-00-RS	DuPAGE	25	25
TC-16			CONTRACT NO. 63456	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				