

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

T. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	20-00049-00-RS	WILL	18	1
STA. TO STA.		CONTRACT #61G96		

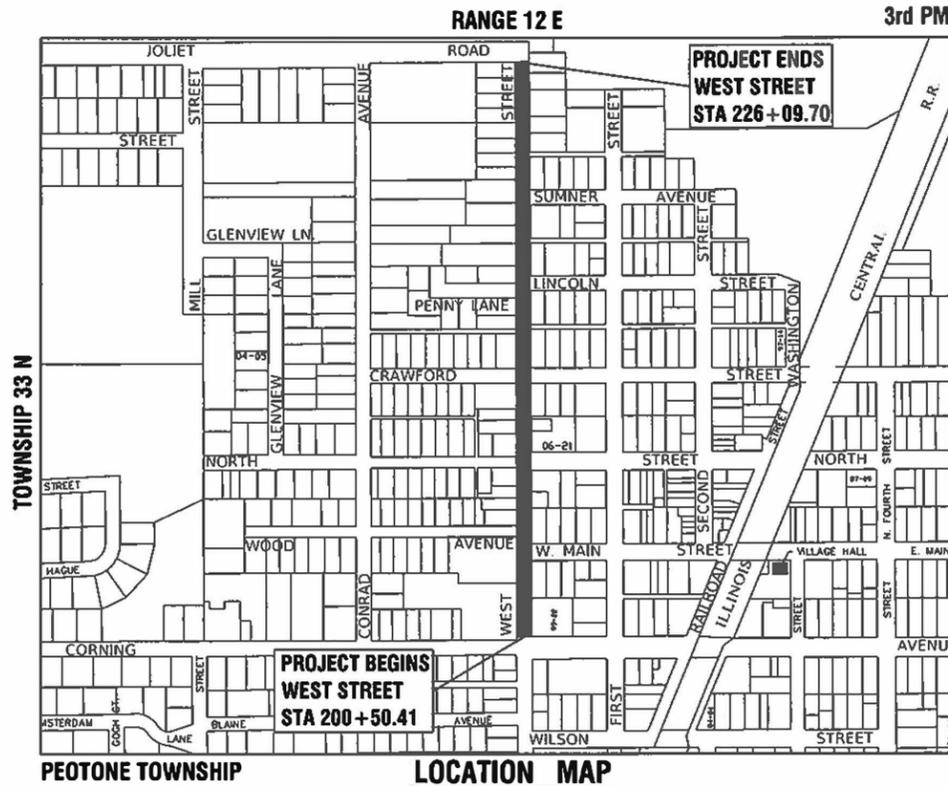
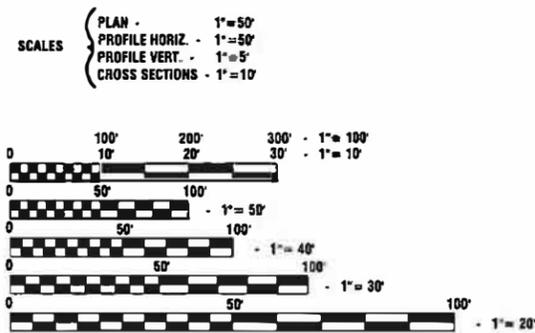
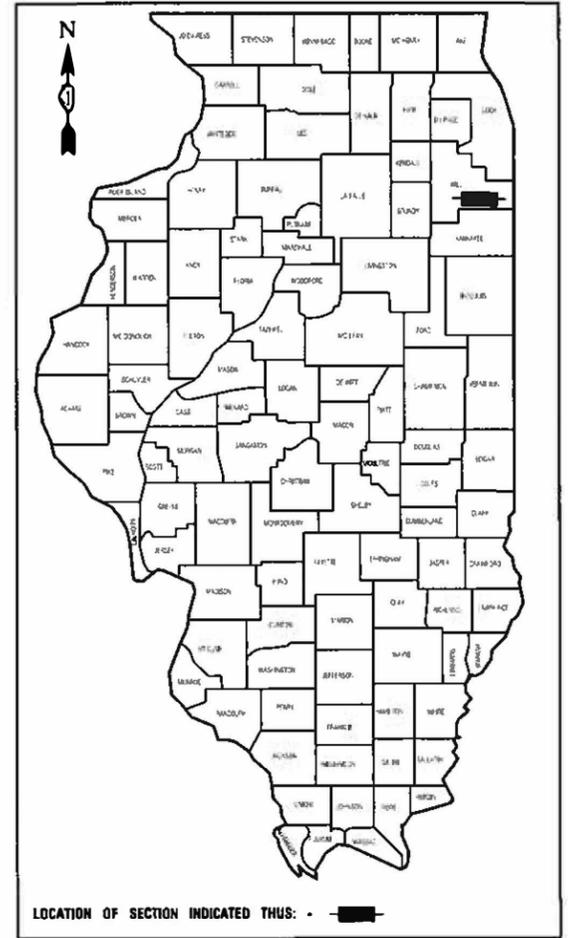
PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU 307 (WEST STREET)
CORNING AVENUE TO JOLIET ROAD
ROADWAY RESURFACING
SECTION NO.: 20-00049-00-RS
PROJECT NO.: 87AL(942)
VILLAGE of PEOTONE
WILL COUNTY
C-91-064-21

INDEX OF SHEETS
SEE SHEET NO. 2

HIGHWAY STANDARDS
SEE SHEET NO. 2

WEST STREET	
2019 ADT -	1,600
2040 ADT -	1,600
POSTED SPEED LIMIT -	25 MPH
FUNCTIONAL CLASSIFICATION -	MAJOR COLLECTOR



SCALE: N.T.S.
- INDICATES PROPOSED IMPROVEMENT
GROSS AND NET LENGTH = 2,559.29 FEET = 0.48 MILES



PREPARED BY OR UNDER THE DIRECT SUPERVISION OF:
Troy A. Golem
11-6-2020

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

APPROVED: *[Signature]* 1/5/2021
MAYOR, VILLAGE OF PEOTONE

PASSED: 2.20.2021
[Signature]
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASED FOR BID BASED ON LIMITED REVIEW: February 22, 2021
[Signature]
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: CARMEN RAMOS, P.E., SCHAUMBURG, IL.
CONSULTANTS: ROBINSON ENGINEERING, LTD. 708-331-6700

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

CONTRACT NO. 61G96

INDEX OF SHEETS

- 1. COVER SHEET
- 2. INDEX OF SHEETS, STATE STANDARDS, & GENERAL NOTES
- 3. SUMMARY OF QUANTITIES
- 4. TYPICAL SECTIONS
- 5-6. PAVEMENT PLAN
- 7-8. PAVEMENT MARKING & SIGNING PLAN
- 9-18. CONSTRUCTION DETAILS

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- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-11 PERPENDICULAR CURB RAMPS
- 424006-05 DIAGONAL CURB RAMPS FOR SIDEWALKS
- 424011-04 CORNER PARALLEL CURB RAMPS FOR SIDEWALK
- 442201-03 CLASS C AND D PATCHES
- 604001-05 FRAMES AND LIDS TYPE 1
- 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

DISTRICT 1 DETAILS

- BD-01 DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER \geq 15'
- BD-08 DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
- BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- BD-32 BUTT JOINT AND HMA TAPER DETAILS
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS LETTERS AND SYMBOLS
- TC-16 SHORT TERM PAVEMENT - MARKING LETTERS AND SYMBOLS
- TC-22 ARTERIAL ROAD INFORMATION SIGN
- TC-26 DRIVEWAY ENTRANCE SIGNING

GENERAL NOTES

- 1. THE ROBINSON ENGINEERING, LTD. FIELD OFFICE (708-331-6700), AND THE PUBLIC WORKS DIRECTOR, AT THE VILLAGE OF PEOTONE, SHALL BE NOTIFIED TWO (2) WORKING DAYS BEFORE CONSTRUCTION BEGINS.
- 2. BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 AND (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION REQUIRED)
- 3. UTILITIES INDICATED ON THE PLANS ARE PROVIDED FOR THE CONTRACTOR'S USE AND ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF THE ADVERTISEMENT FOR BIDS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OF UTILITY INFORMATION.
- 4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 5. THE THICKNESS OF HMA MIXTURE STATED IN THE SPECIFICATIONS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA SURFACE IS PLACED.
- 6. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SHALL BE REMOVED BY THE END OF EACH DAY BY THE CONTRACTOR.
- 7. CLASS D PATCHING QUANTITIES FOR THIS CONTRACT SHALL BE PERFORMED AT THE DIRECTION OF THE ENGINEER AFTER PAVEMENT MILLING.
- 8. EXISTING TREES ARE NOT AFFECTED BY THE LIMITS OF CONSTRUCTION. CONTRACTOR SHALL BE CAUTIOUS ON TREE PROTECTION DURING THE CONSTRUCTION.
- 9. NO PAVEMENT PATCHING SHALL BE PERMITTED AFTER FRIDAY AT 3:00 PM OF EACH AND EVERY WEEK AND NO HOLES WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT OR OVER THE WEEKEND.
- 10. ALL EQUIPMENT SHALL BE REMOVED OFF THE VILLAGE STREETS DURING ALL HOLIDAY WEEKENDS AS COORDINATED WITH THE VILLAGE.
- 11. HMA PAVING SHALL BE PERFORMED WITH HOT JOINTS.

FILE NAME = 19R1082_02-INDEX-01 - IDOT P01	USER NAME =	DESIGNED -- TG	REVISED -- 02-05-2021	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAU 307 (WEST STREET) ROADWAY RESURFACING INDEX OF SHEETS & STATE STANDARDS			FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -- KWM	REVISED --		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	307	20-00049-00-RS	WILL	18	2
	PLOT DATE = 02-05-21	CHECKED -- AG	REVISED --					ILLINOIS		FED. AID PROJECT 87AL(942)		
CONTRACT NO. 61G96												

SUMMARY OF QUANTITIES						FED 80% VLL 20% ROADWAY	FED 80% VLL 20% SAFETY
S.P.	S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE 0005	TYPE CODE 0021
		35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	175		175
		35800100	PREPARATION OF BASE	SQ YD	1000	1000	
		35800200	AGGREGATE BASE REPAIR	TON	400	400	
△		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	50	50	
		40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2250	2250	
		40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5865	5865	
		40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	224	224	
		40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1128	1128	
		40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	751	751	
△		42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	50	50	
△		42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1500		1500
△		42400800	DETECTABLE WARNINGS	SQ FT	240		240
△		44000163	HOT-MIX ASPHALT SURFACE REMOVAL, 3 1/2"	SQ YD	8685	8685	
		44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	100	100	
		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1415	1415	
△		44000600	SIDEWALK REMOVAL	SQ FT	1500		1500
		44201690	CLASS D PATCHES, TYPE I, 4 INCH	SQ YD	15	15	
		44201692	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	25	25	
		44201694	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	100	100	
		44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	750	750	
		60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	2	2	
		67100100	MOBILIZATION	LSUM	1	1	
		70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1	
		70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1	

* - INDICATES SPECIALTY ITEMS
△ - INDICATES SPECIAL PROVISIONS

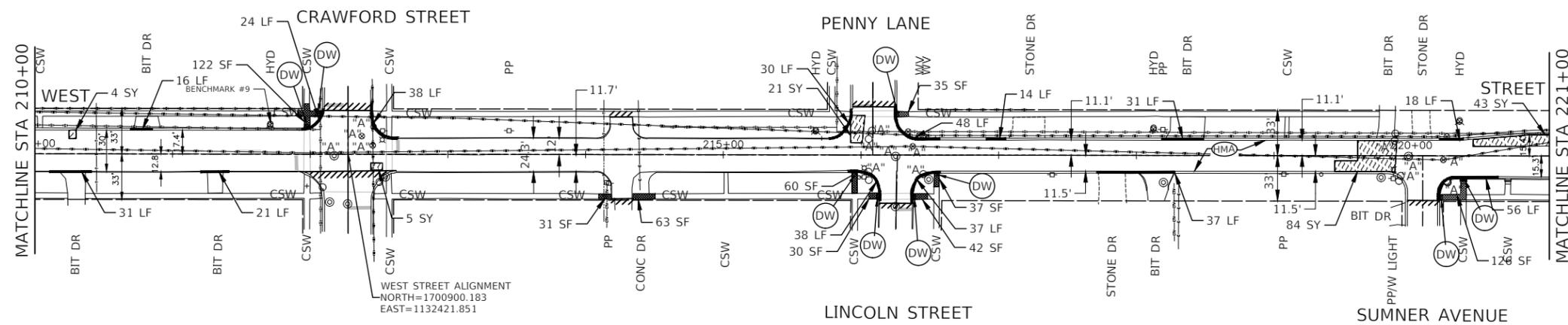
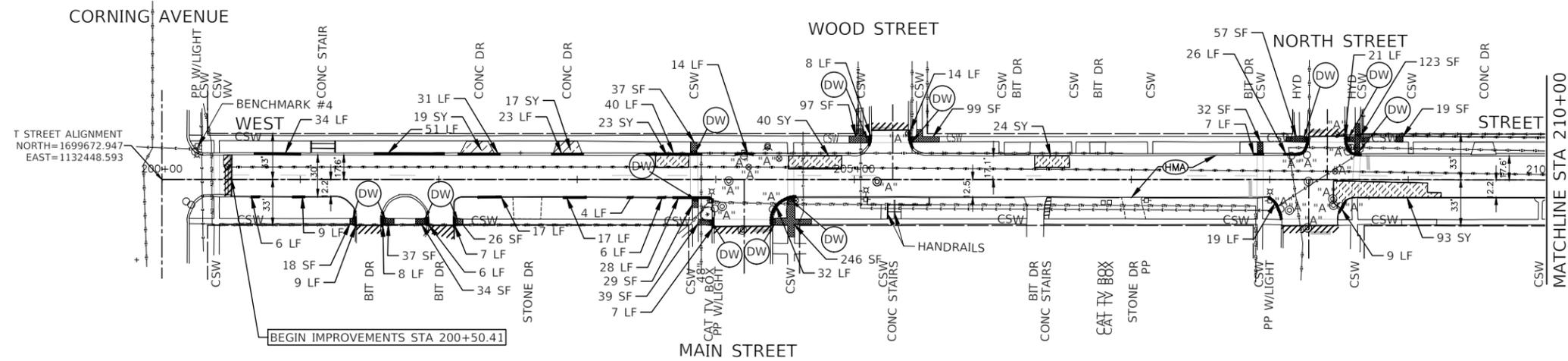
SUMMARY OF QUANTITIES						FED 80% VLL 20% ROADWAY	FED 80% VLL 20% SAFETY
S.P.	S.I.	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE 0005	TYPE CODE 0021
		70300100	SHORT TERM PAVEMENT MARKING	FOOT	200		200
		70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	70		70
		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	500		500
	*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1000		1000
	*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1010		1010
	*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	180		180
△		Z0004514	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	50	50	
△		Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	27	27	
△		Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	3	3	
		Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	52	
		Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	2560	2560	
△		X2110104	TOPSOIL FURNISH AND PLACE, 4" (SPECIAL)	SQ YD	400	400	
△		X2520650	SODDING, SALT TOLERANT (SPECIAL)	SQ YD	400	400	
△		X6026624	VALVE BOXES TO BE ADJUSTED (SPECIAL)	EACH	11	11	
△		X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	1415	1415	
△		X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	165		165

* - INDICATES SPECIALTY ITEMS
△ - INDICATES SPECIAL PROVISIONS

FILE NAME = 19R1082_02-QUAN-01 - IDOT-Q01	USER NAME =	DESIGNED - TG	REVISED -
	PLOT SCALE =	CHECKED -	REVISED -
	PLOT DATE = 02-05-21	DRAWN - MED	REVISED -
		CHECKED - AG	REVISED -

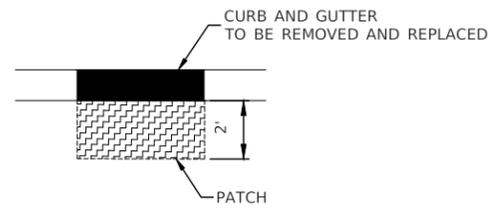
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAU 307 (WEST STREET) ROADWAY RESURFACING SUMMARY OF QUANTITIES		F.A.U. RTE. 307	SECTION 20-00049-00-RS	COUNTY WILL	TOTAL SHEETS 18	SHEET NO. 3
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT 87AL(942) CONTRACT NO. 61G96		



LEGEND

- HMA ASPHALT SURFACE REMOVAL, 3.5"
- HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4"
- HOT-MIX SURFACE COURSE MIX "D", IL-9.5 N50, 1 1/2"
- SIDEWALK REMOVAL
- PCC SIDEWALK, 5" (6" THRU DRIVEWAYS)
- AGGREGATE BASE COURSE, TYPE B, 4"
- CLASS D PATCHES, 4 INCH
- DRIVEWAY PAVEMENT REMOVAL
- PCC DRIVEWAY PAVEMENT, 6"
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (IN KIND)
- HMA SURFACE REMOVAL - BUTT JOINT
- DETECTABLE WARNINGS
- "A" DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED
- "R" DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED
- ⊗"A" VALVE BOXES TO BE ADJUSTED

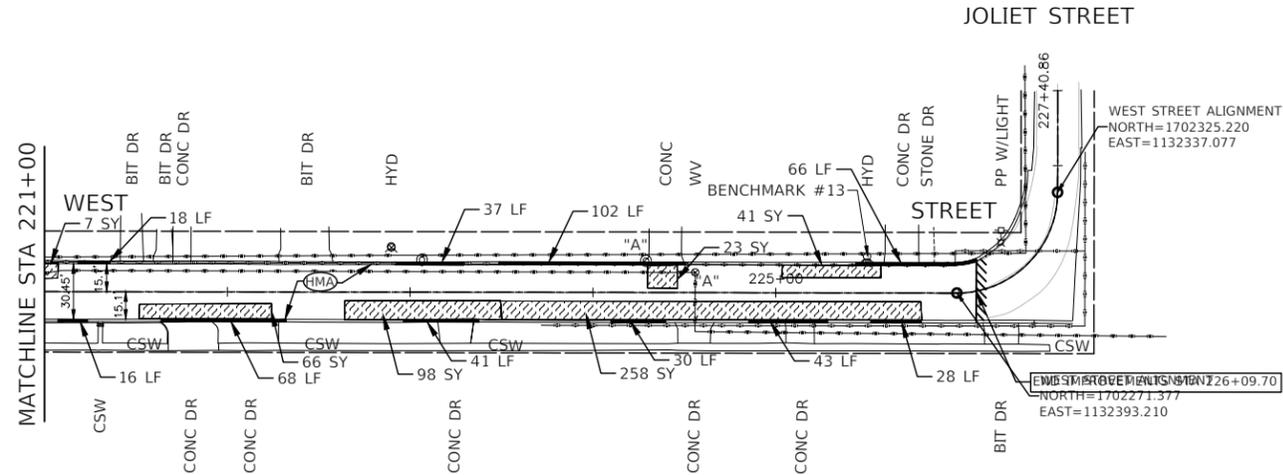


CURB AND GUTTER REMOVAL DETAIL

NOTES

1. DRIVEWAY REMOVAL AND PATCHING SHALL BE COMPLETED AS DIRECTED BY THE ENGINEER.
2. RUBBER ADJUSTING RINGS SHALL BE USED FOR STRUCTURES IN THE CURB AND GUTTER LINE. STEEL ADJUSTMENT RINGS SHALL BE USED FOR STRUCTURES IN DRIVING LANES OF THE PAVEMENT. STEEL AND RUBBER ADJUSTING RINGS WILL BE INCLUDED IN THE COST OF THE ADJUSTED STRUCTURE.
3. CLASS D PATCHES IN FRONT OF CURB AND GUTTER REMOVAL AND REPLACEMENT ARE INCLUDED IN THE COST OF THE COMBINATION CURB AND GUTTER PAY ITEM.
4. CLASS D PATCHES, 4 INCH SHALL BE AS SHOWN ON THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
5. DRIVEWAY REMOVAL AND REPLACEMENT SHALL BE COMPLETED AS DIRECTED BY THE ENGINEER.
6. ANY TOPSOIL EXCAVATED DURING SIDEWALK OR CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL BE STOCKPILED ON-SITE AND RE-USED AS FILL IN THE RESTORATION AREAS. THIS SHALL BE INCLUDED IN THE COST OF THE VARIOUS CONTRACT PAY ITEMS.
7. FOR CURB RAMP DETAILS, SEE HIGHWAY STANDARD 424001-11.

FILE NAME = 19R1082_02-PLAN-01 - IDOT P01	USER NAME =	DESIGNED -- TG	REVISED -- 02-05-2021	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAU 307 (WEST STREET) ROADWAY RESURFACING PAVEMENT PLAN		FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED --	REVISED --				307	20-00049-00-RS	WILL	18	5
PLOT DATE = 02-05-21	DRAWN -- MED	REVISED --	REVISED --	SCALE: 1"=50'		SHEET NO. 1 OF 2 SHEETS	STA. 200+00 TO STA. 221+00		CONTRACT NO. 61G96		
	CHECKED -- AG	REVISED --	REVISED --	ILLINOIS FED. AID PROJECT 87AL(942)							



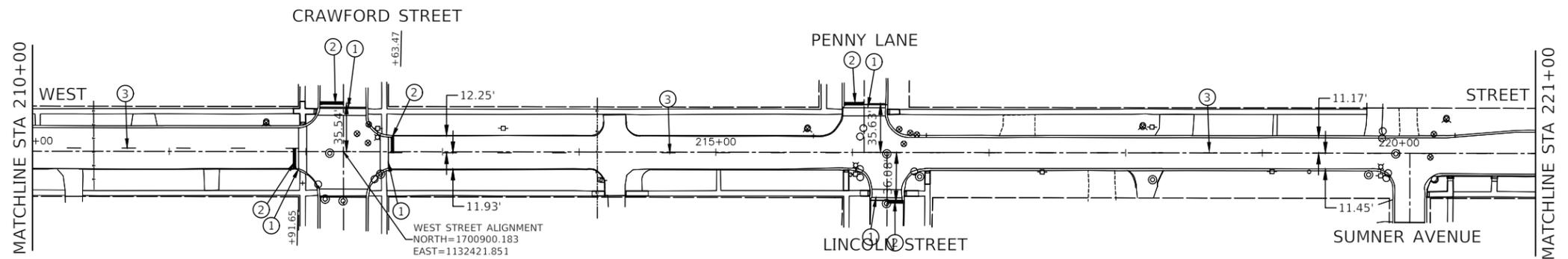
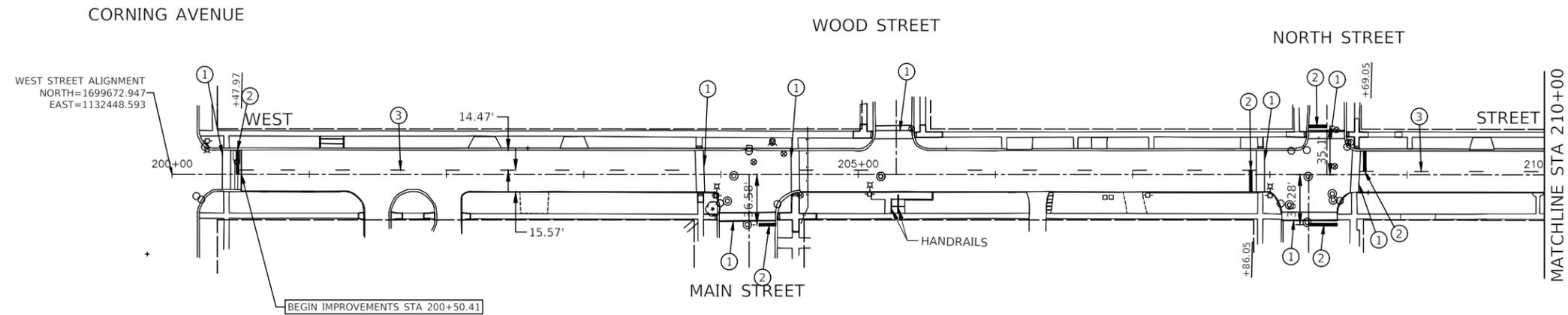
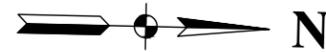
LEGEND

-  HMA ASPHALT SURFACE REMOVAL, 3.5"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4"
HOT-MIX SURFACE COURSE MIX "D", IL-9.5 N50, 1 1/2"
-  SIDEWALK REMOVAL
PCC SIDEWALK, 5" (6" THRU DRIVEWAYS)
AGGREGATE BASE COURSE, TYPE B, 4"
-  CLASS D PATCHES, 4 INCH
-  DRIVEWAY PAVEMENT REMOVAL
PCC DRIVEWAY PAVEMENT, 6"
-  COMBINATION CONCRETE CURB AND GUTTER
REMOVAL AND REPLACEMENT (IN KIND)
-  HMA SURFACE REMOVAL - BUTT JOINT
-  (DW) DETECTABLE WARNINGS
- "A" DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED
- "R" DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED
- ⊗ "A" VALVE BOXES TO BE ADJUSTED

NOTES

1. DRIVEWAY REMOVAL AND PATCHING SHALL BE COMPLETED AS DIRECTED BY THE ENGINEER.
2. RUBBER ADJUSTING RINGS SHALL BE USED FOR STRUCTURES IN THE CURB AND GUTTER LINE. STEEL ADJUSTMENT RINGS SHALL BE USED FOR STRUCTURES IN DRIVING LANES OF THE PAVEMENT. STEEL AND RUBBER ADJUSTING RINGS WILL BE INCLUDED IN THE COST OF THE ADJUSTED STRUCTURE.
3. CLASS D PATCHES IN FRONT OF CURB AND GUTTER REMOVAL AND REPLACEMENT ARE INCLUDED IN THE COST OF THE COMBINATION CURB AND GUTTER PAY ITEM.
4. CLASS D PATCHES, 4 INCH SHALL BE AS SHOWN ON THE PLANS AND/OR AS DIRECTED BY THE ENGINEER.
5. DRIVEWAY REMOVAL AND REPLACEMENT SHALL BE COMPLETED AS DIRECTED BY THE ENGINEER.
6. ANY TOPSOIL EXCAVATED DURING SIDEWALK OR CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL BE STOCKPILED ON-SITE AND RE-USED AS FILL IN THE RESTORATION AREAS. THIS SHALL BE INCLUDED IN THE COST OF THE VARIOUS CONTRACT PAY ITEMS.
7. FOR CURB RAMP DETAILS, SEE HIGHWAY STANDARD 424001-11.

FILE NAME = 19R1062_02-PLAN-01 - IDOT P01 (2)	USER NAME =	DESIGNED -- TG	REVISED -- 02-05-2021	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FAU 307 (WEST STREET) ROADWAY RESURFACING PAVEMENT PLAN			FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -- MED	REVISED --					307	20-00049-00-RS	WILL	18	6
PLOT DATE = 02-05-21	CHECKED -- AG	REVISED --		SCALE: 1"=50'	SHEET NO. 2 OF 2 SHEETS	STA. 221+00 TO STA. 227+40.88	CONTRACT NO. 61G96 ILLINOIS FED. AID PROJECT 87AL(942)					



PAVEMENT MARKING LEGEND

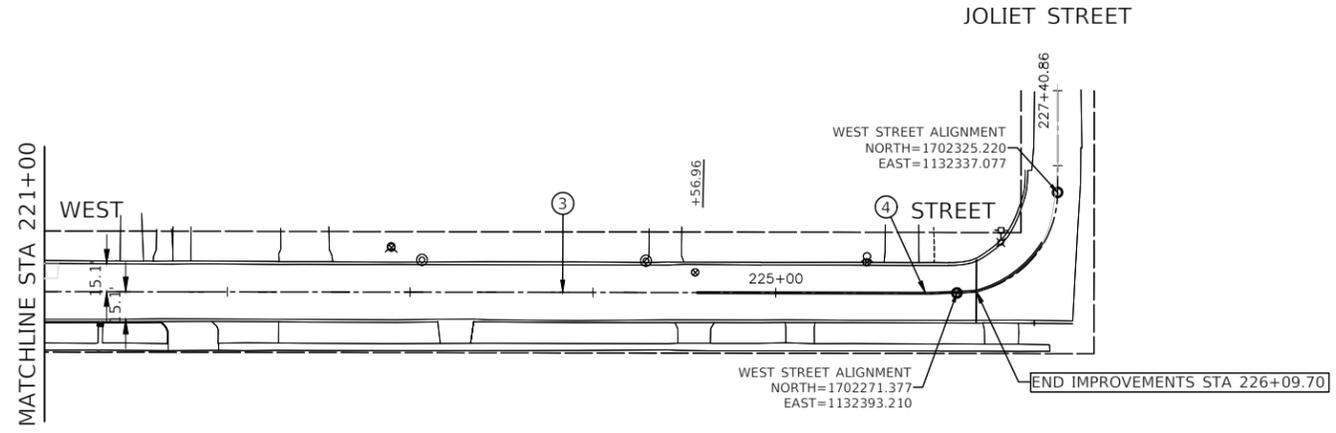
- ① THERMOPLASTIC PAVEMENT MARKING - WHITE LINE, 6" (CROSSWALK 6' C/C)
- ② THERMOPLASTIC PAVEMENT MARKING - WHITE LINE, 24" (STOP BAR)
- ③ THERMOPLASTIC PAVEMENT MARKING - YELLOW LINE, 4" (SKIP-DASH LINE 10' LINE-30' SPACE)
- ④ THERMOPLASTIC PAVEMENT MARKING - YELLOW LINE, DOUBLE LINE (11" C/C)

FILE NAME = 19R1082_02-PMKG-01 - IDOT P01	USER NAME =	DESIGNED -- TG	REVISED -- 02-05-2021
		CHECKED --	REVISED --
	PLOT SCALE =	DRAWN -- MED	REVISED --
	PLOT DATE = 02-05-21	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAU 307 (WEST STREET) ROADWAY RESURFACING PAVEMENT MARKING & SIGNING		SCALE: 1"=50'	SHEET NO. 1 OF 2 SHEETS	STA. 200+00 TO STA. 221+00
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FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	20-00049-00-RS	WILL	18	7
CONTRACT NO. 61G96				
ILLINOIS FED. AID PROJECT 87AL(942)				



PAVEMENT MARKING LEGEND

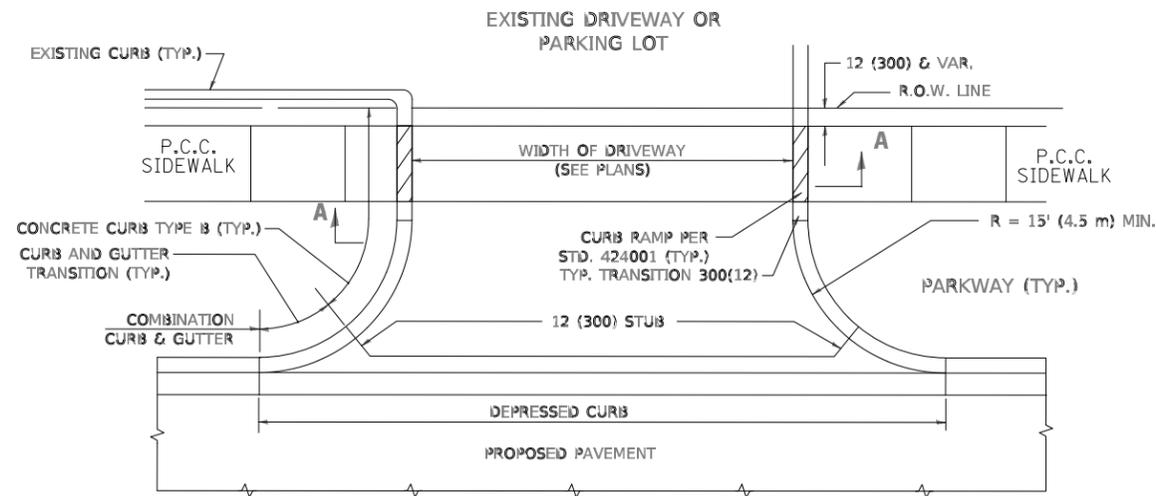
- ① THERMOPLASTIC PAVEMENT MARKING - WHITE LINE, 6" (CROSSWALK 6' C/C)
- ② THERMOPLASTIC PAVEMENT MARKING - WHITE LINE, 24" (STOP BAR)
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- ④ THERMOPLASTIC PAVEMENT MARKING - YELLOW LINE, DOUBLE LINE (11" C/C)

FILE NAME = 19R1082_02-PMKG-01 - IDOT P01 (2)	USER NAME =	DESIGNED -- TG	REVISED -- 02-05-2021
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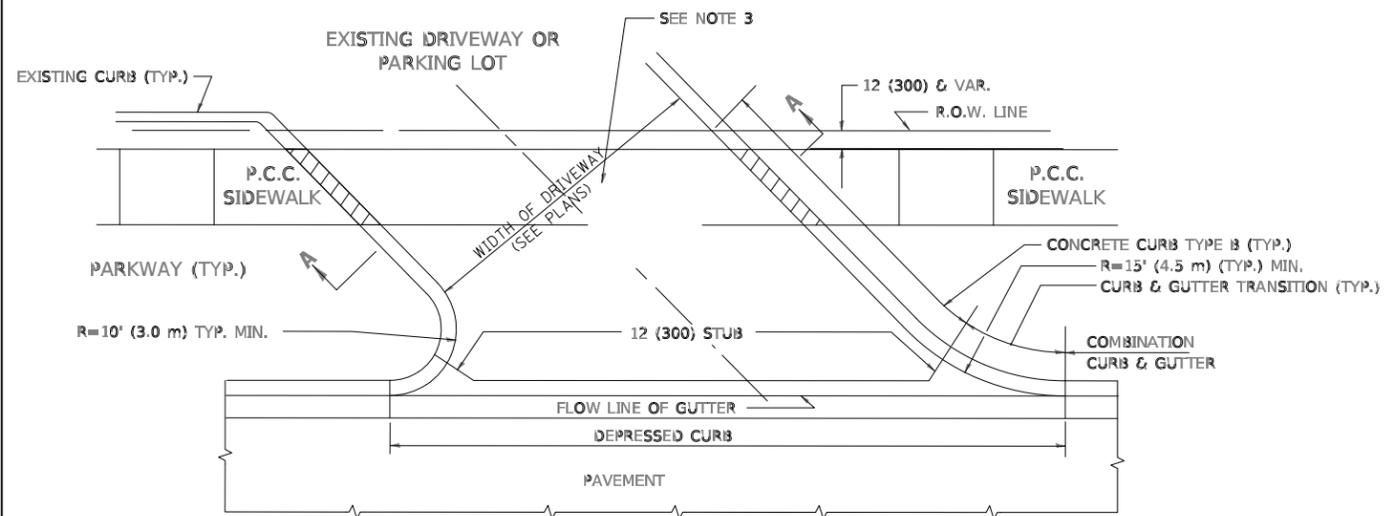
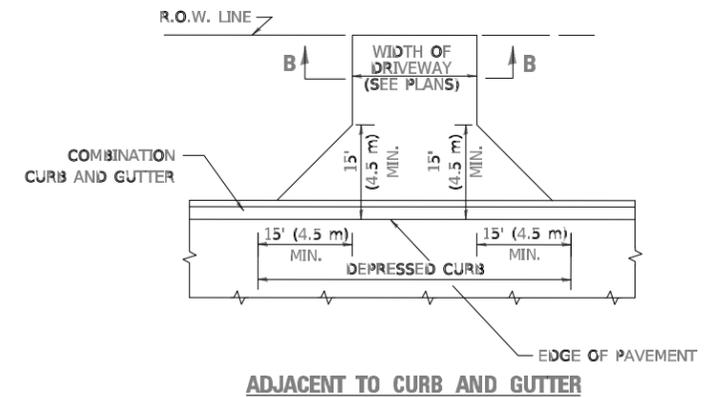
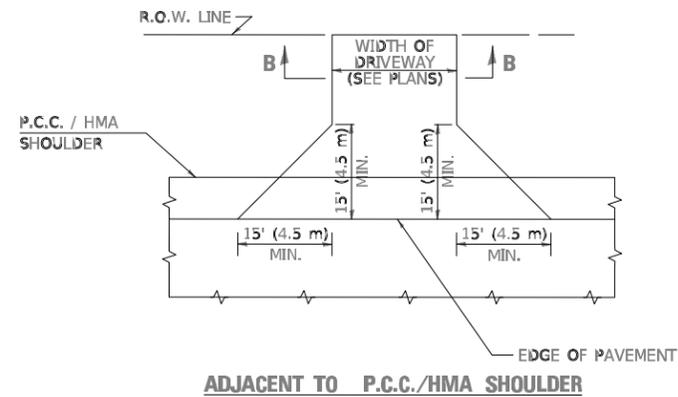
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAU 307 (WEST STREET) ROADWAY RESURFACING PAVEMENT MARKING & SIGNING			
SCALE: 1"=50'	SHEET NO. 2	OF 2 SHEETS	STA. 221+00 TO STA. 227+40.86

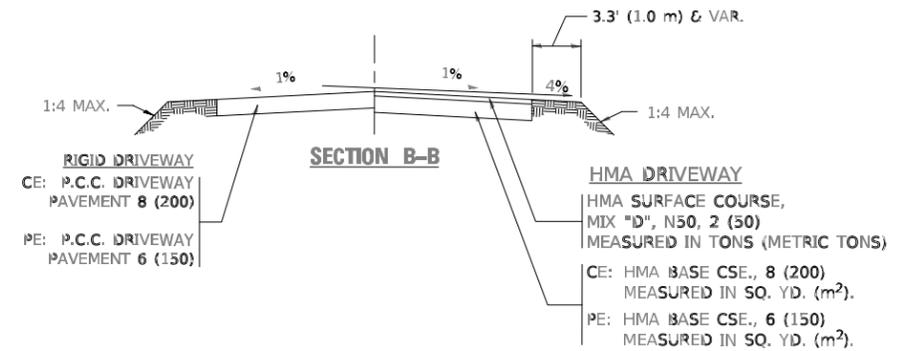
FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	20-00049-00-RS	WILL	18	8
CONTRACT NO. 61G96			ILLINOIS FED. AID PROJECT 87AL(942)	



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



GENERAL NOTES:

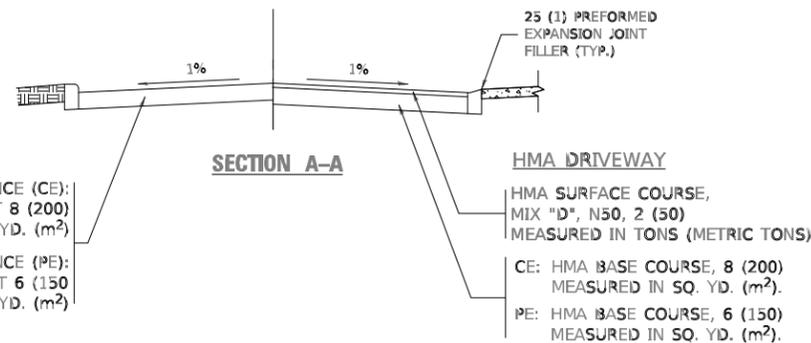
DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

RURAL FIELD ENTRANCE (FE)

HMA SURFACE COURSE, MIX "D", N50, 2 (50) MEASURED IN TONS (METRIC TONS)
AGGREGATE BASE CSE., TYPE B, 8 (200) MEASURED IN SQ. YD. (m²).



COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

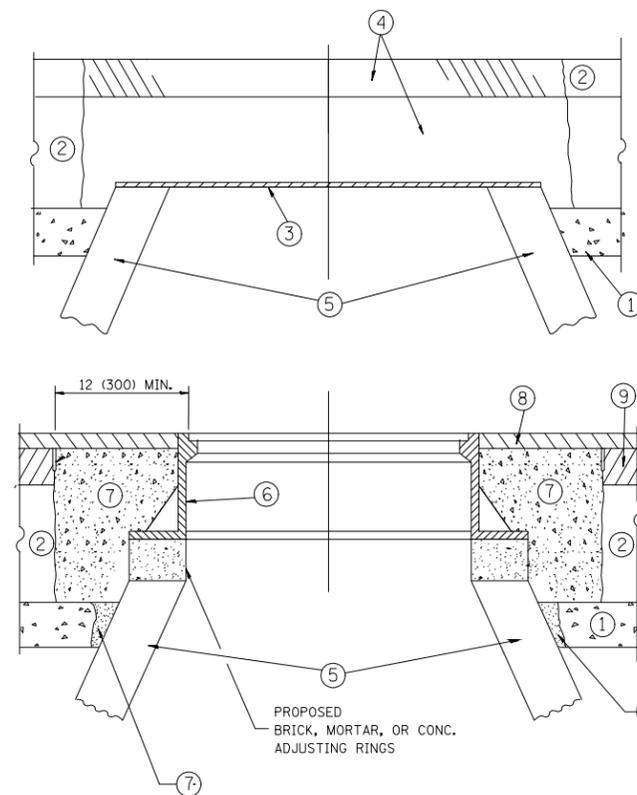
WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

FILE NAME = 19R1082_02-DTSL-01 - BD-01	USER NAME =	DESIGNED -- TG	REVISED -- R. WIEDEMAN 05-14-04
		CHECKED --	REVISED -- R. BORO 01-01-07
	PLOT SCALE =	DRAWN -- MED	REVISED -- R. BORO 03-09-11
	PLOT DATE = 02-05-21	CHECKED -- AG	REVISED -- R. BORO 12-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)			
SCALE: NONE	SHEET NO. 1 OF 10 SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	20-00049-00-RS	WILL	18	9
BD400-01 (BD-01)			CONTRACT NO. 61G96	
ILLINOIS FED. AID PROJECT 87AL(942)				



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 PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- * UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

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 PP-1* CONCRETE
- 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:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "DRAINAGE AND UTILITY STRUCTURES TO BE ADJUSTED."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

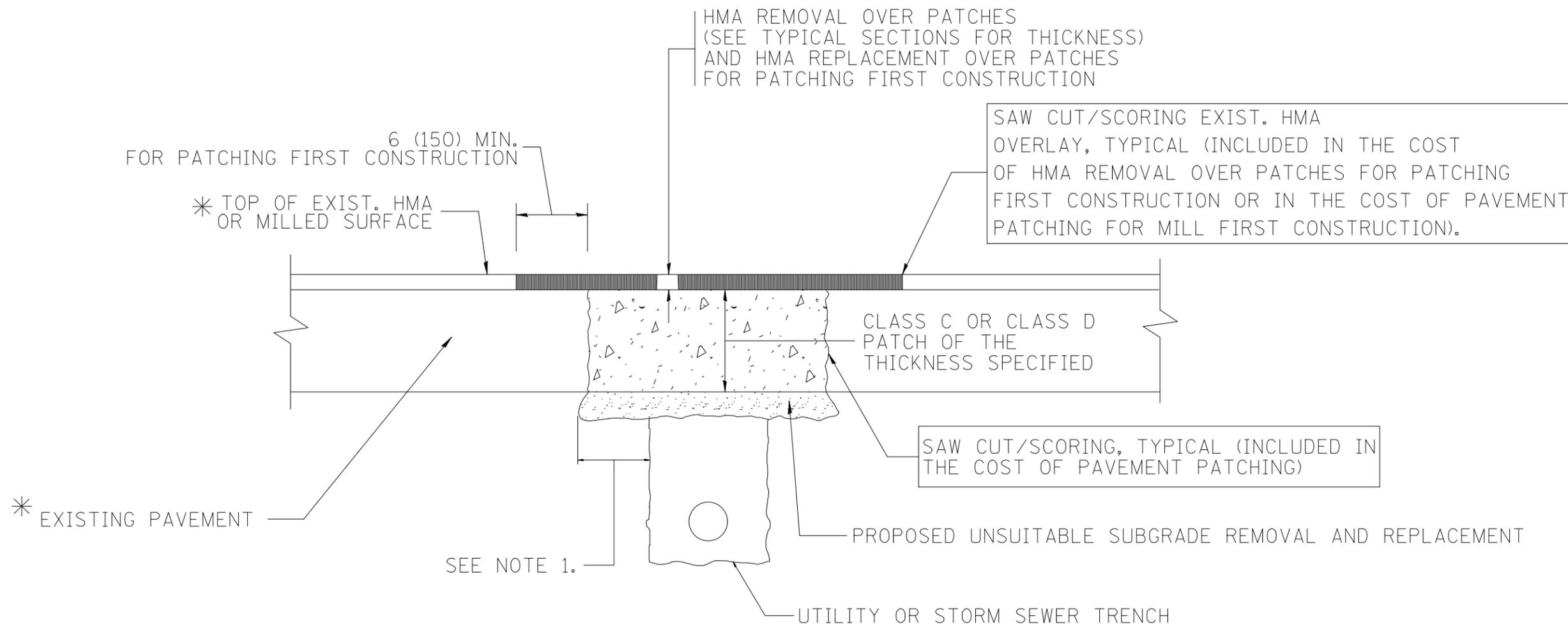
FILE NAME = 19R1062_02-DTLS-01 - BD-08	USER NAME =	DESIGNED -- TG	REVISED -- R. WIEDEMAN 05-14-04
		CHECKED -- ----	REVISED -- R. BORO 01-01-07
	PLOT SCALE =	DRAWN -- MED	REVISED -- R. BORO 03-09-11
	PLOT DATE = 02-05-21	CHECKED -- AG	REVISED -- R. BORO 12-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: NONE SHEET NO. 2 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	20-00049-00-RS	WILL	18	10
80600-03 (BD-8)			CONTRACT NO. 61G96	
ILLINOIS FED. AID PROJECT 87AL(942)				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

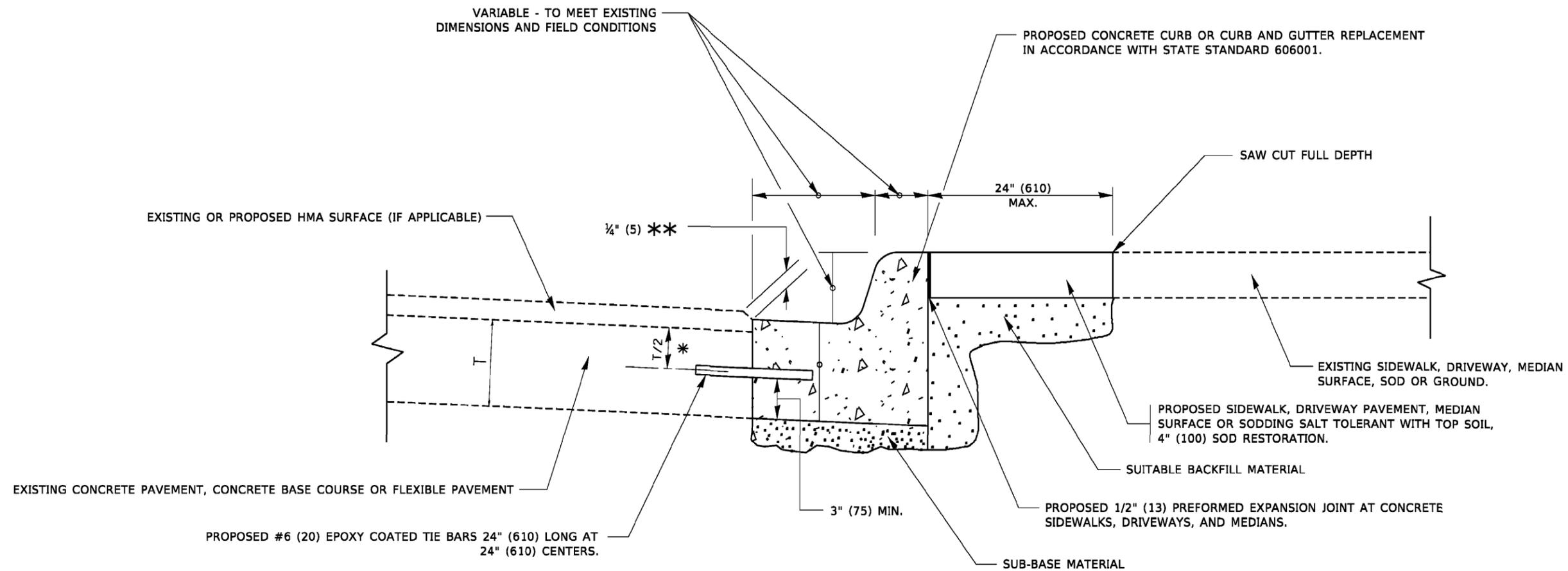
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME = 19R1062_02-DTLS-01 - BD-22	USER NAME =	DESIGNED -- TG	REVISED -- A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	CHECKED --	---	REVISED -- R. BORO 01-01-07			307	20-00049-00-RS	WILL	18	11	
	PLOT SCALE =	DRAWN -- MED	REVISED -- R. BORO 09-04-07			BD-22-04 (BD-22)		CONTRACT NO. 61G96			
	PLOT DATE = 02-05-21	CHECKED -- AG	REVISED -- K. ENG 10-27-08			SCALE: NONE	SHEET NO. 3 OF 10 SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT 87AL(942)



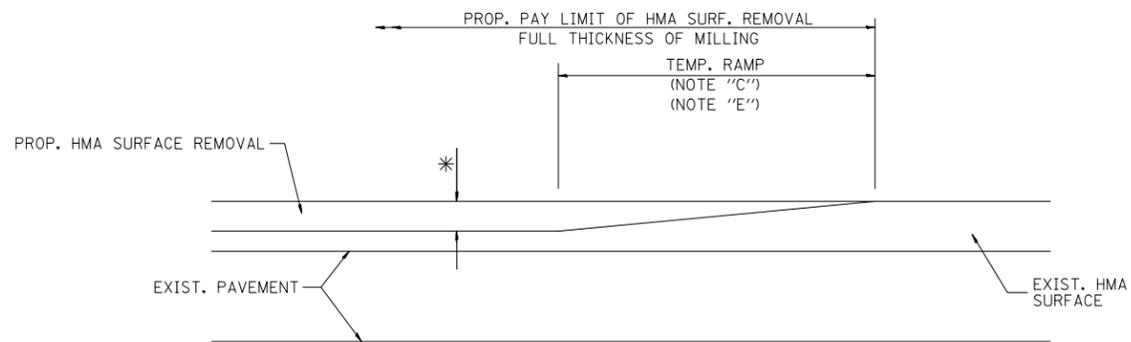
- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE:
SEE SPECIAL PROVISIONS AND TYPICAL SECTIONS FOR ADDITIONAL INFORMATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

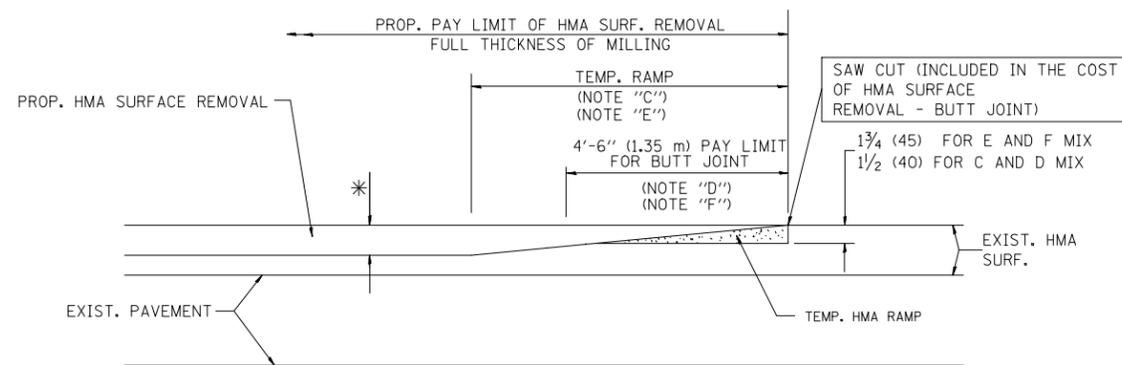
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = 19R1082_02-DTLS-01 - BD-24	USER NAME =	DESIGNED -- TG	REVISED -- A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.U. RTE. 307	SECTION 20-00049-00-RS	COUNTY WILL	TOTAL SHEETS 18	SHEET NO. 12
		CHECKED --	REVISED -- M. GOMEZ 01-22-01			BD600-06 (BD-24)		CONTRACT NO. 61G96		
	PLOT SCALE =	DRAWN -- MED	REVISED -- R. BORO 12-15-09		SCALE: NONE	SHEET NO. 4	OF 10 SHEETS	STA.	TO STA.	
	PLOT DATE = 02-05-21	CHECKED -- AG	REVISED -- K. SMITH 07-11-19						ILLINOIS FED. AID PROJECT 87AL(942)	



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

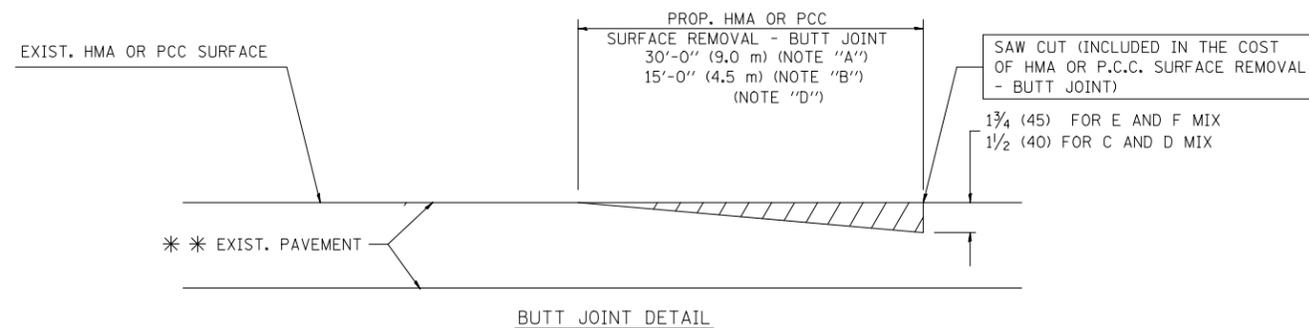
OPTION 1



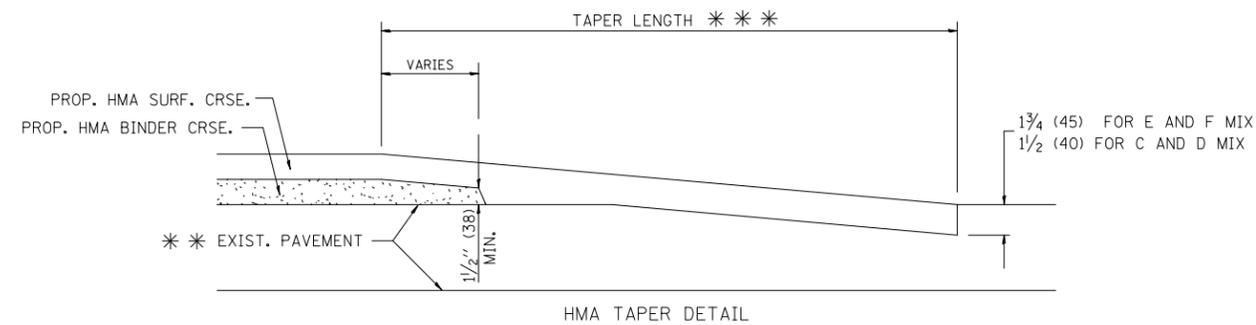
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

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

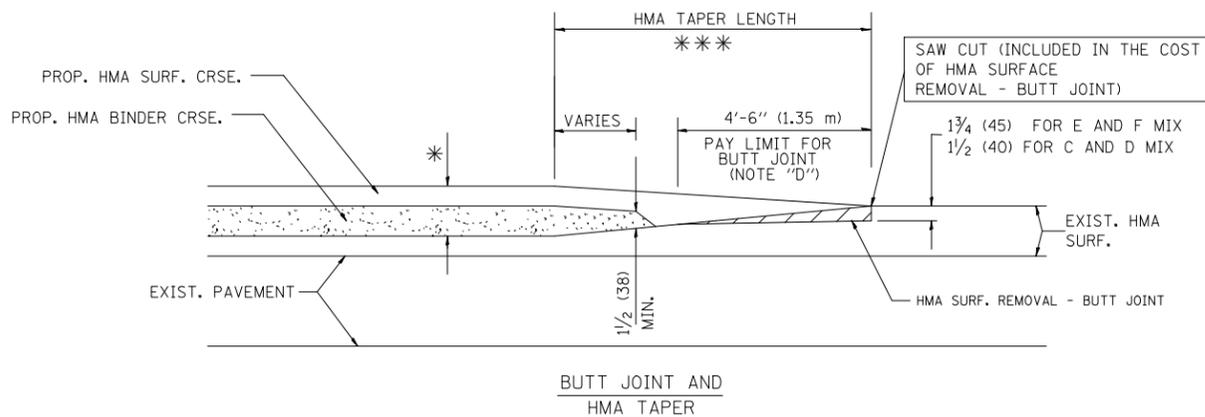
NOTES

- 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.



TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING

FILE NAME = 19R1062_02-DTLS-01 - BD-32

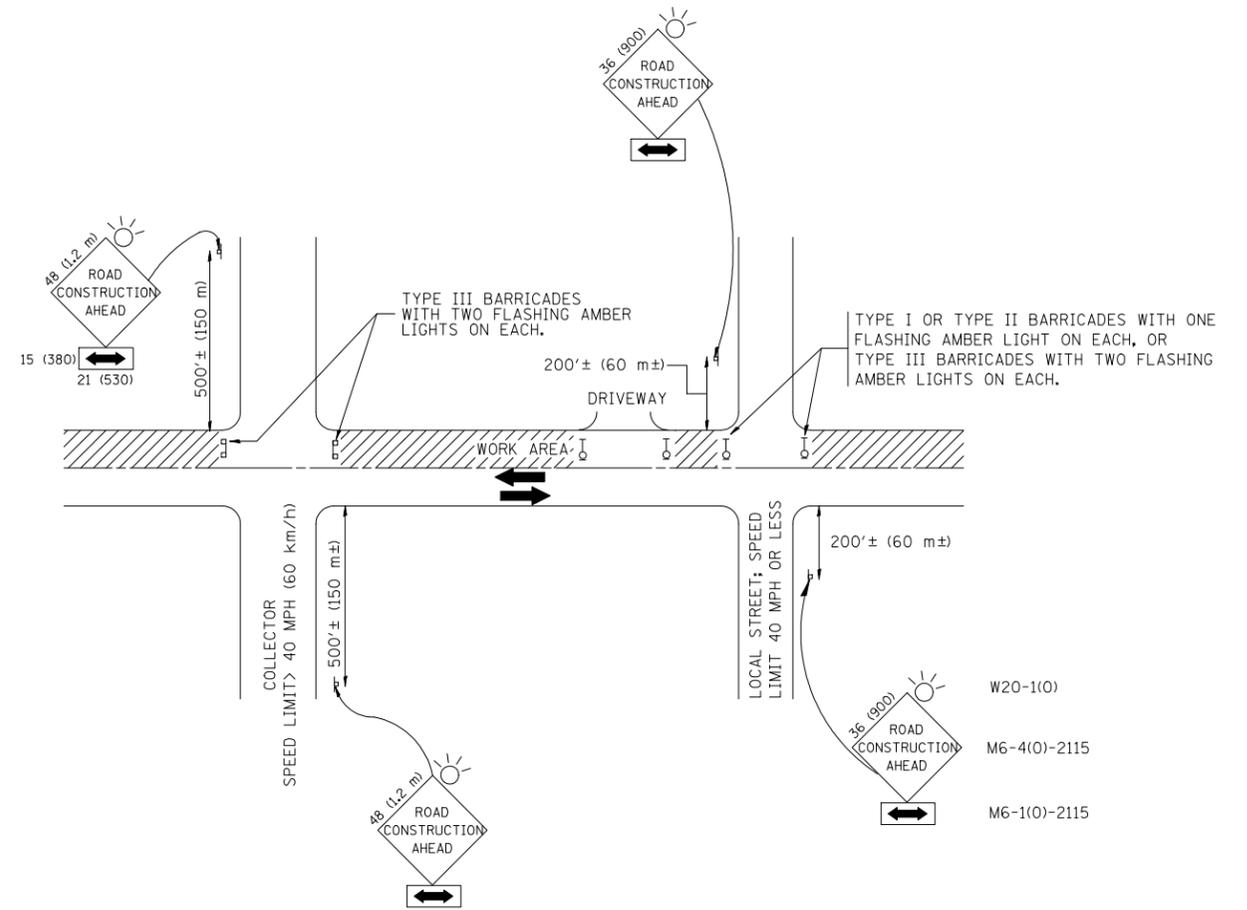
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	CHECKED --	REVISED -- A. ABBAS 03-21-97
PLOT SCALE =	DRAWN -- MED	REVISED -- M. GOMEZ 04-06-01
PLOT DATE = 02-05-21	CHECKED -- AG	REVISED -- R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

SCALE: NONE SHEET NO. 5 OF 10 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	20-00049-00-RS	WILL	18	13
80480-05 8032		CONTRACT NO. 61G96		
ILLINOIS FED. AID PROJECT 87AL(942)				



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.

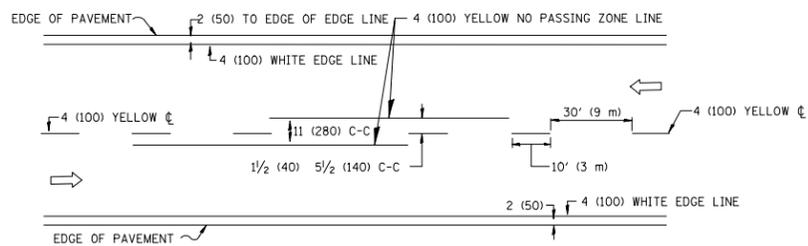
FILE NAME = 19R1082_02-DTLS-01 - TC-10	USER NAME =	DESIGNED -- TG	REVISED -- J. OBERLE 10-18-95
		CHECKED --	REVISED -- A. HOUSEH 03-06-96
	PLOT SCALE =	DRAWN -- MED	REVISED -- A. HOUSEH 10-15-96
	PLOT DATE = 02-05-21	CHECKED -- AG	REVISED -- T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

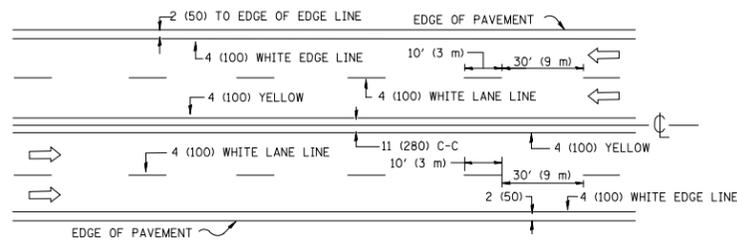
TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

SCALE: NONE SHEET NO. 6 OF 10 SHEETS STA. TO STA.

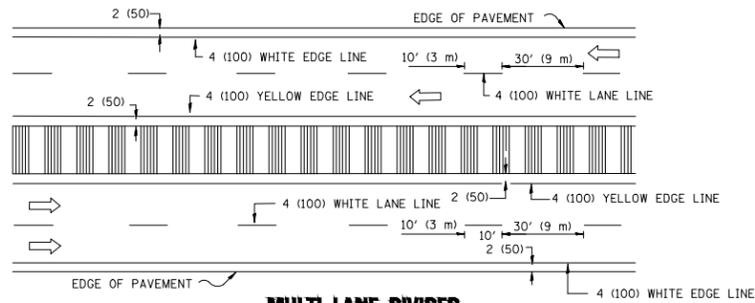
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307	20-00049-00-RS	WILL	18	14
TC-10			CONTRACT NO. 61G96	
ILLINOIS		FED. AID PROJECT 87AL(942)		



2-LANE ROADWAY

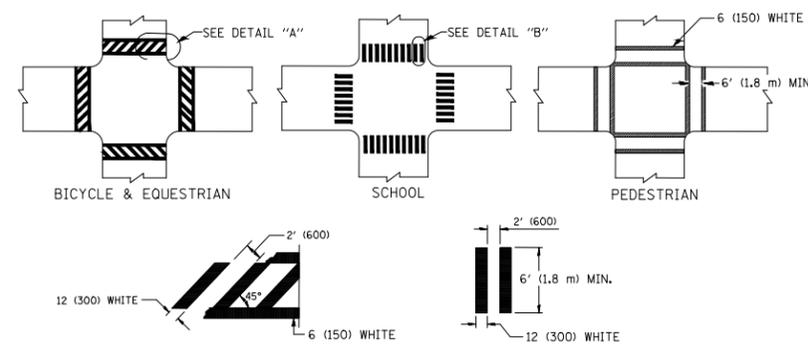


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

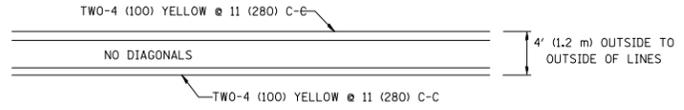


DETAIL "A"

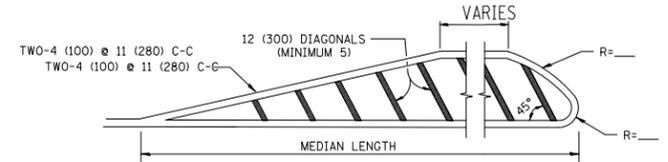
DETAIL "B"

TYPICAL CROSSWALK MARKING

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



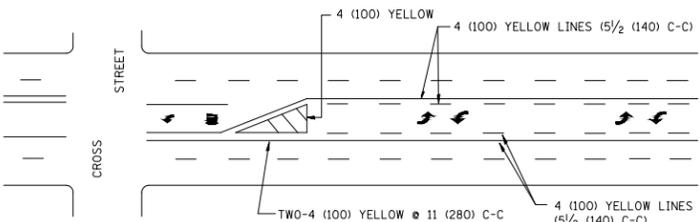
4' (1.2 m) WIDE MEDIANS ONLY



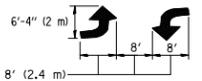
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 4' (1.2 m) WIDE

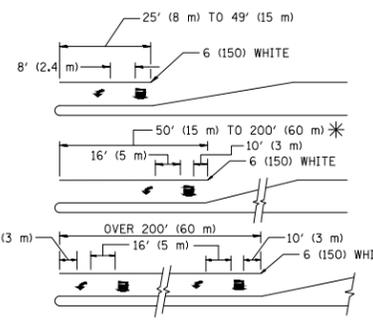


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

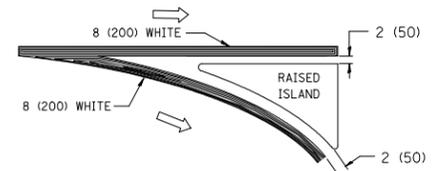
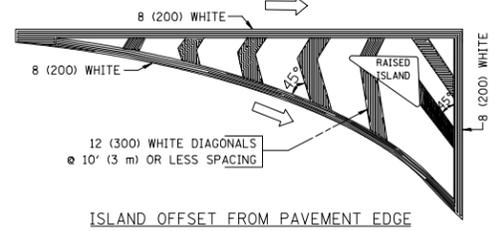


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
* AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

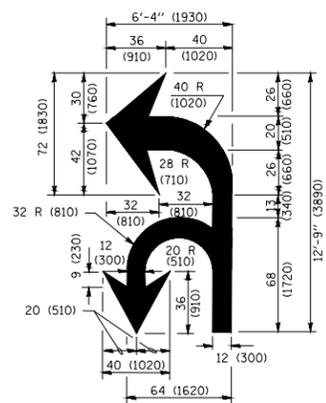
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

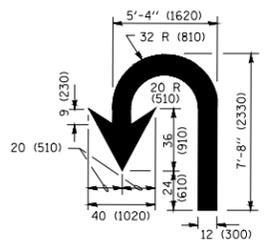
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
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 (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

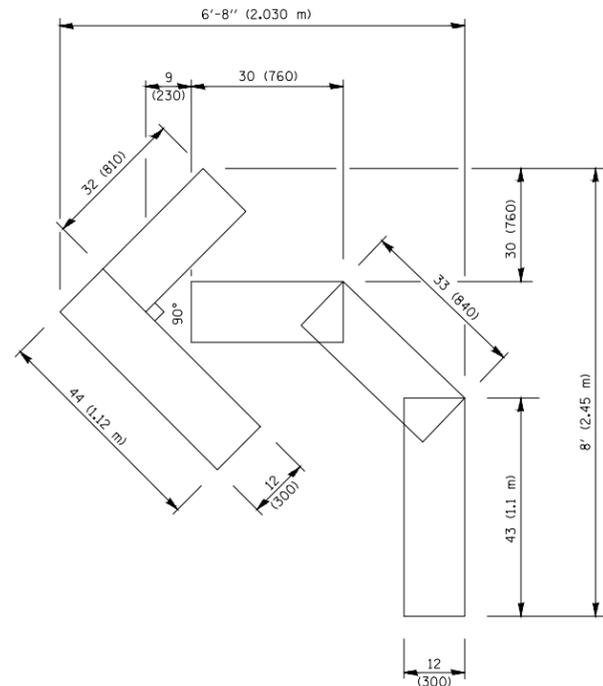
FILE NAME = 19R1082_02-DTLS-01 - TC-13	USER NAME =	DESIGNED -- TG	REVISED -- T. RAMMACHER 10-27-94
		CHECKED --	REVISED -- C. JUCIUS 09-09-09
	PLOT SCALE =	DRAWN -- MED	REVISED -- C. JUCIUS 07-01-13
	PLOT DATE = 02-05-21	CHECKED -- AG	REVISED -- C. JUCIUS 12-21-15

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

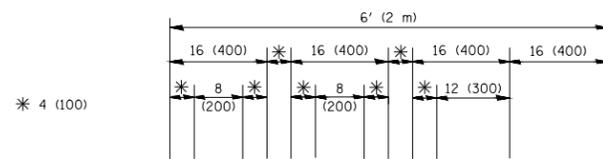
SCALE: NONE SHEET NO. 7 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	20-00049-00-RS	WILL	18	15
TC-13		CONTRACT NO. 61G96		
ILLINOIS FED. AID PROJECT 87AL(942)				

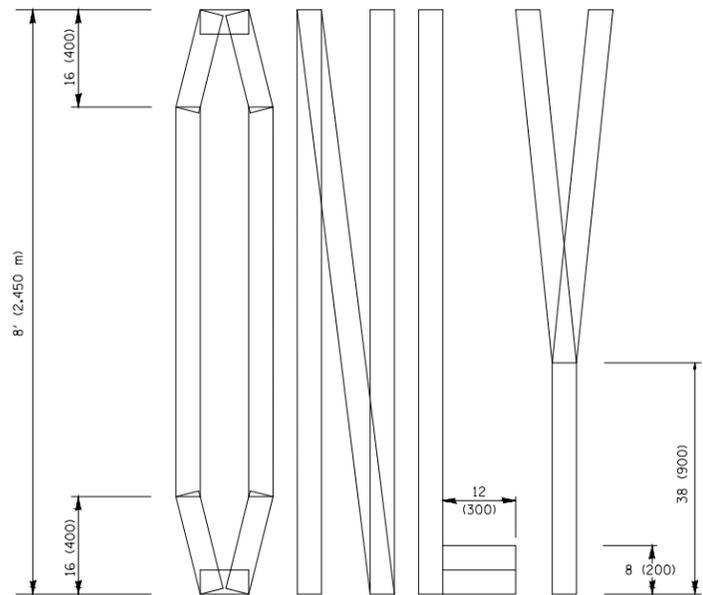


QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)

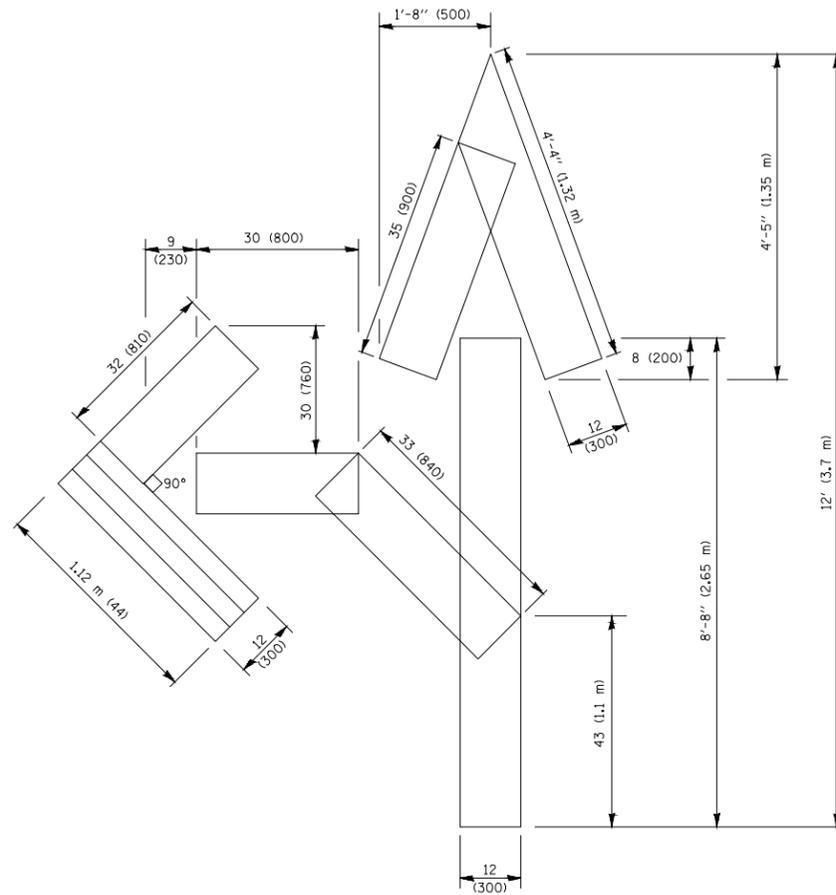


* 4 (100)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

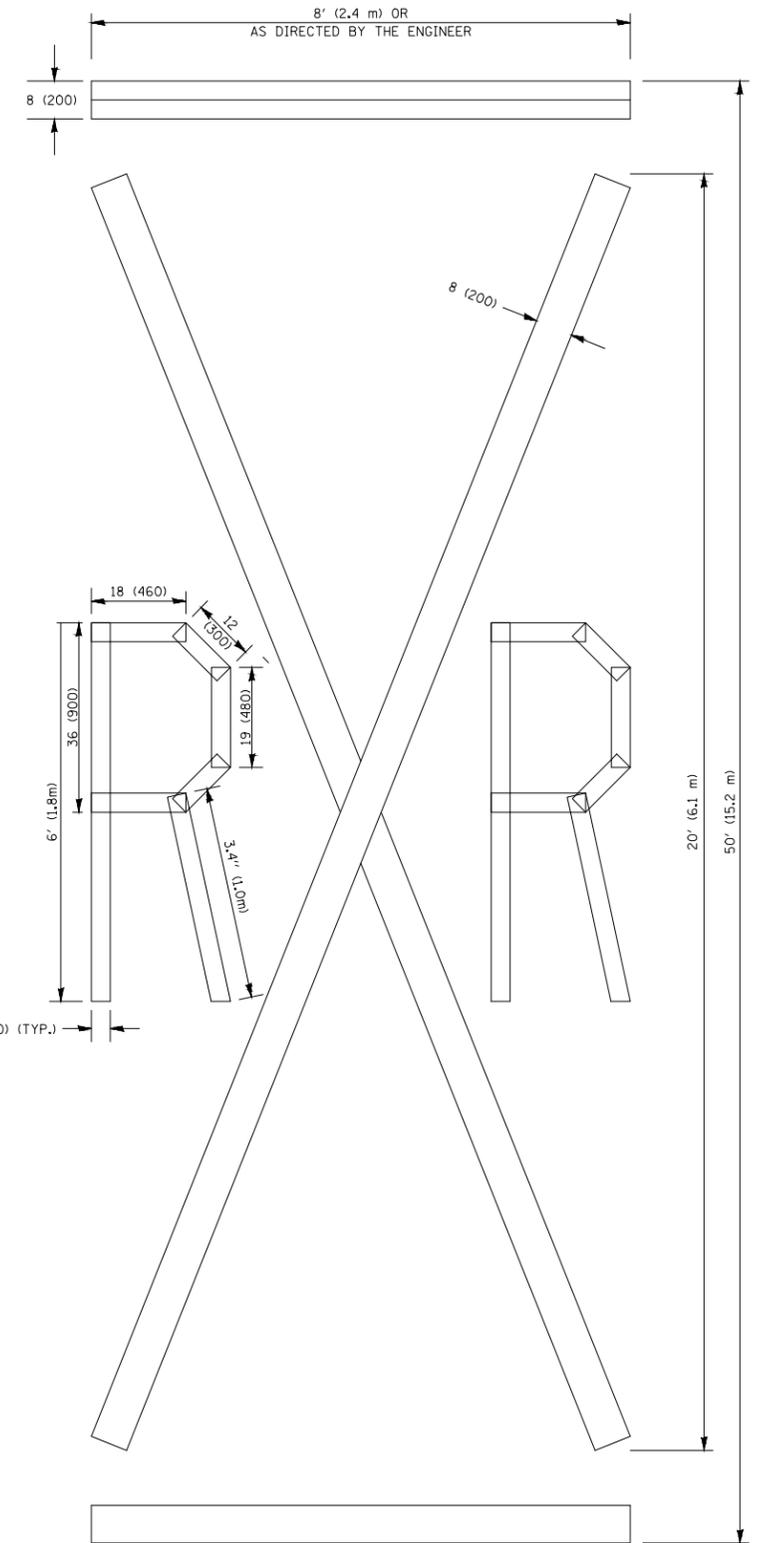


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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

FILE NAME = 19R1062_02-DTLS-01 - TC-16

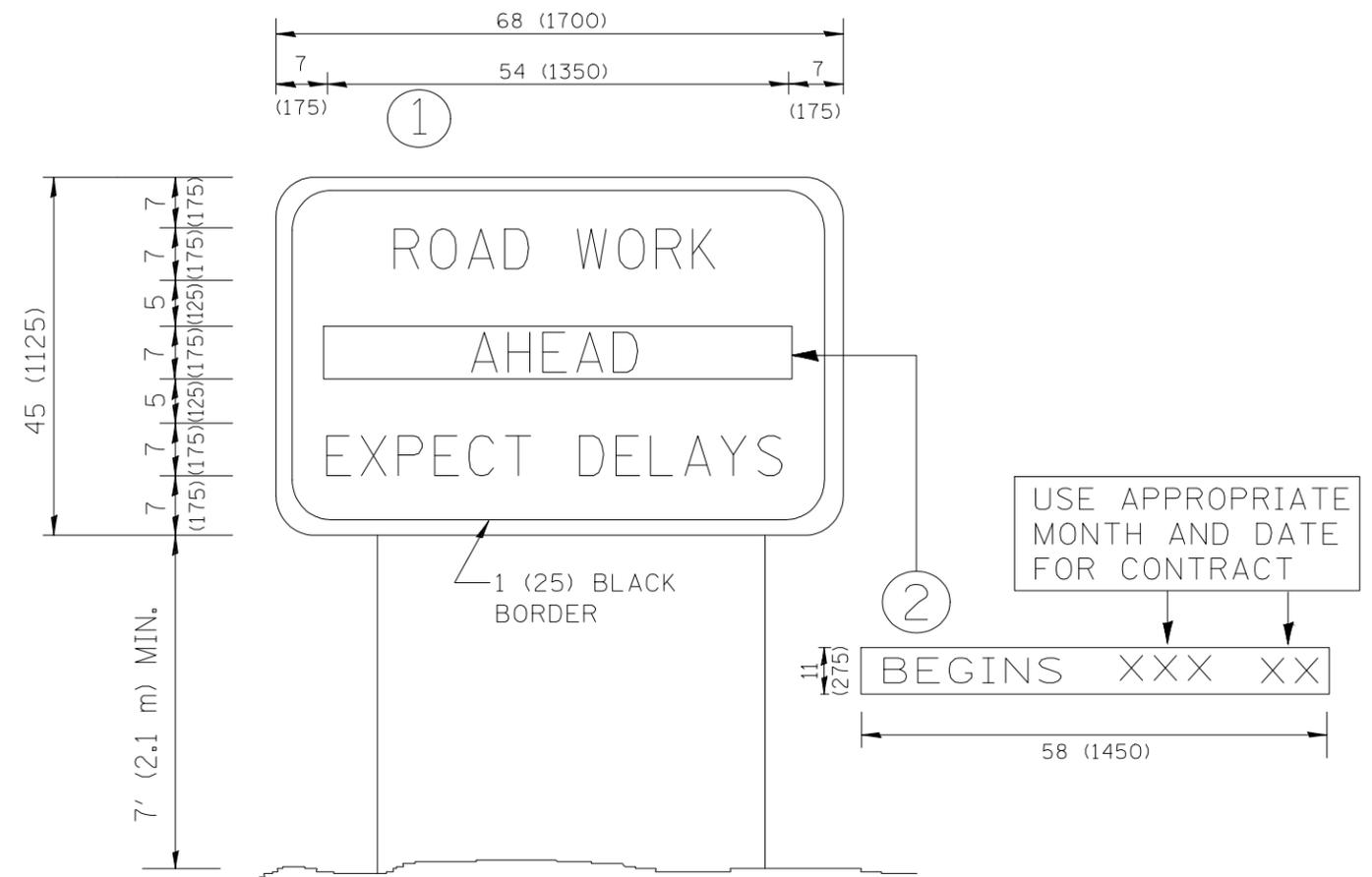
USER NAME =	DESIGNED -- TG	REVISED --
	CHECKED --	REVISED --
PLOT SCALE =	DRAWN -- MED	REVISED --
PLOT DATE = 02-05-21	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE SHEET NO. 8 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	20-00049-00-RS	WILL	18	16
TC-16		CONTRACT NO. 61G96		
ILLINOIS		FED. AID PROJECT 87AL(942)		



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.

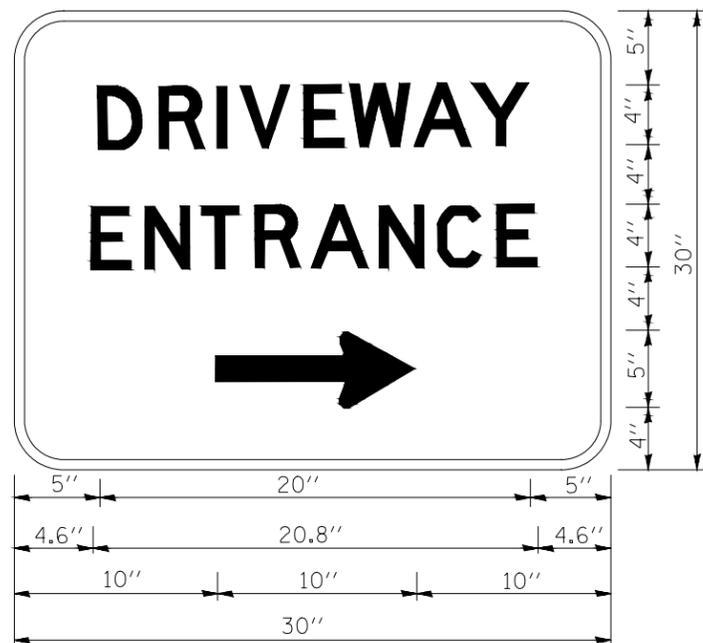
FILE NAME = 19R1062_02-DTLS-01 - TC-22	USER NAME =	DESIGNED -- TG	REVISED -- R. MIRS 09-15-97
		CHECKED -- ----	REVISED -- R. MIRS 12-11-97
	PLOT SCALE =	DRAWN -- MED	REVISED -- T. RAMMACHER 02-02-99
	PLOT DATE = 02-05-21	CHECKED -- AG	REVISED -- C. JUCCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET NO. 9 OF 10 SHEETS STA. TO STA.

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	20-00049-00-RS	WILL	18	17
TC-22			CONTRACT NO. 61G96	
ILLINOIS FED. AID PROJECT 87AL(942)				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
 PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN)
 SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
 AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
 FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME = 19R1062_02-DTLS-01 - TC-26

USER NAME =	DESIGNED -- TG	REVISED --
	CHECKED --	REVISED --
PLOT SCALE =	DRAWN -- MED	REVISED --
PLOT DATE = 02-05-21	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET NO. 10 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	20-00049-00-RS	WILL	18	18
TC-26			CONTRACT NO. 61G96	
ILLINOIS FED. AID PROJECT 87AL(942)				