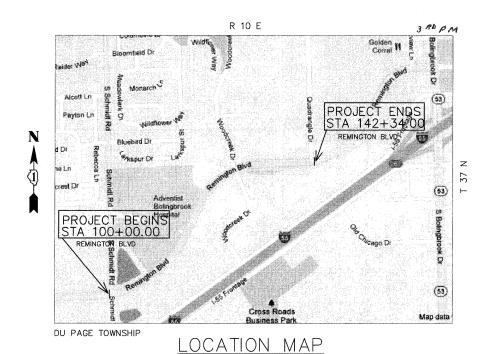
INDEX OF SHEETS TITLE SHEET SUMMARY OF QUANTITIES TYPICAL SECTIONS & GENERAL NOTES REMINGTON BLVD. 4-12 RESURFACING PLANS 13-20 DISTRICT 1 STANDARD DETAILS

06-15-12 LETTING ITEM 023

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

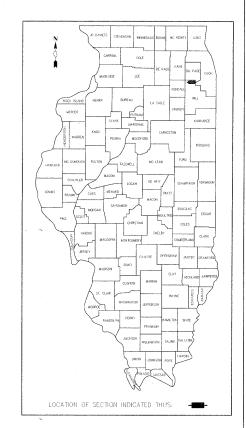
PLANS FOR PROPOSED FEDERAL AID HIGHWAY REMINGTON BOULEVARD SCHMIDT ROAD TO QUADRANGLE DRIVE RESURFACING

> SECTION: 11-00057-00-RS PROJECT HPP-2961(100) VILLAGE OF BOLINGBROOK WILL COUNTY C - 91 - 254 - 12



GROSS LENGTH OF PROJECT: 4,234 FT = 0.8018 MILE NET LENGTH OF PROJECT: 4,234 FT = 0.8018 MILE

	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	11-00057-00-RS	WILL	20	1
	ILLINOIS	CONTRAC	6	
•				



ILLINOIS DEPARTMENT OF TRANSPORTATION

PASSED APRIL 5, 2012 CHUK C. HOLT DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

Releasing For Bid

ILLINOIS P.E. 062-051388

Review APRIL 6, 2012

Diane M. O Heef

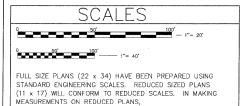
PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

DATE

3-20-2012

STANDARD	TITLE
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTIONFOR SIDEROADS, INTERSECTIONS AND DRIVEWAYS
TC-13	DISTRICT 1 TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
	·
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING ARTERIAL ROAD INFORMATION SIGNS
TC-16	

INDEX OF APPLICABLE HIGHWAY STANDARDS					
STANDARD	TITLE				
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS				
424001-06	PERPENDICULAR CURB RAMPS				
424006	DIAGONAL CURB RAMPS FOR SIDEWALK				
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER				
701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEED ≥ 45 MPH				
701427	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEED ≤ 40 MPH				
701601-07	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRANSFERABLE MEDIAN				
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION				
701801-05	SIDEWALK, CORNER OR CROSSWALK CLOSURE				
701901-02	TRAFFIC CONTROL DEVICES				
780001-03	TYPICAL PAVEMENT MARKINGS				



DESIGN SPEED: 45 MPH POSTED SPEED: 45 MPH COLLECTOR ADT: 22,451

THE ABOVE SCALES MAY BE USED.

(JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS) 48 Hours (2 working days) Before You Dig.

CONTRACT NO. 63706

VILLAGE OF BOLINGBROOK

EXPIRES 11/30/2013

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
			Construction Code 0005
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2,726
40600300	AGGREGATE (PRIMECOAT)	TON	55
40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TON	80
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1,145
40600895	CONSTRUCTING TEST STRIP	EACH	2
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX"D",N70	TON	3,053
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	78
42400800	DETECTABLE WARNINGS	SQ FT	8 `
44000159	HOT MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	27,260
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	325
44003100	MEDIAN REMOVAL	SQ FT	40
60603800	COMBINATION CONCRETE CURB AND GUTTER , TYPE B-6.12	FOOT	175
60604400	COMBINATION CONCRETE CURB AND GUTTER , TYPE B-6.18	FOOT	150
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	40
67100100	MOBILIZATION	L SUM	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SÚM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,800
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	364
70300220	TEMPORARY PAVEMENT MARKING- LINE 4"	FOOT	1,850
70300240	TEMPORARY PAVEMENT MARKING- LINE 6"	FOOT	2,450
70300280	TEMPORARY PAVEMENT MARKING- LINE 24"	FOOT	216
*78000100	THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	364°
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1,850
*78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,450
*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	216
XX00639 5	SHOTCRETE CURB AND GUTTER REPAIR	FOOT	300
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	9
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	48

NOTES: * DENOTES SPECIALTY ITEM

 USER NAME =	DESIGNED ISS	REVISED		SUMMARY OF QUANTITIES	F.A.U. SECTION	COUNTY TOTAL SHEET NO.
	CHECKED - PP	REVISED	STATE OF ILLINOIS	SUMMART OF QUANTITIES	11-00057-00-RS	WILL 20 2
PLOT SCALE =	DRAWN - ISS	REVISED	DEPARTMENT OF TRANSPORTATION			CONTRACT NO. 63706
PLOT DATE = 1/20/2012	CHECKED - PP	REVISED		SHEET NO. 2 OF 20 SHEETS	ILLINOIS FED. AI	D PROJECT

TYPICAL SECTIONS FOR LEFT TURN LANES EXISTING R.D.W. 100' EREMINGTON BLVD. 11.25' 11.25' 10.51 11.25′ 11.25′ (10) (11) 2 19 9 EXISTING TYPICAL SECTION GREMINGTON BLVD 11.25' 5.5' 10.5' 11.25′

STATIONING FOR LEFT TURN LANES

from 101+17.68 to 102+35.28 from 108+12.65 to 109+28.59 from 110+11.75 to 111+35.63 from 114+52.31 to 116+00.00 from 116+80.82 to 118+05.56 from 121+48.28 to 122+69.57 from 123+51.42 to 125+27.94 from 127+62.57 to 128+95.80 from 140+39.77 to 141+44.82

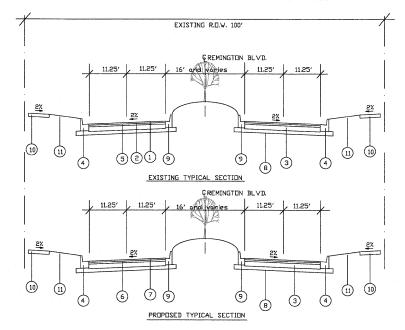
- 1 EXISTING HOT-MIX ASPHALT SURFACE 2"
- 2 EXISTING HMA BINDER COURSE 2'
- 3 EXISTING B.A.M. 6"
- (4) EXISTING CONRETE CURB AND GUTTER TYPE B-6.18
- 5 PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2"
- (6) PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4')

699

PROPOSED TYPICAL SECTION

- (7) PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX'D' N70 (2')
- (8) POZZOLANIC BASE 3"
- (9) EXISTING CONCRETE CURB AND GUTTER TYPE B 6.12
- (10) EXISTING CONCRETE SIDEWALK
- (11) PARKWAY

TYPICAL TANGENT SECTION WITH LANDSCAPED MEDIAN



STATIONING FOR LANDSCAPE MEDIAM

from 102+35,28 to 108+12.65 from 111+35.63 to 114+52.31 from 130+05.56 to 121+8.28 from 125+27.94 to 127+62.57 from 131+43.02 to 135+47.70 from 135+98.43 to 140+39.77

- 1 EXISTING HOT-MIX ASPHALT SURFACE 2'
- (2) EXISTING HMA BINDER COURSE 2"
- (3) EXISTING B.A.M. 6"
- 4 EXISTING CONRETE CURB AND GUTTER TYPE B-6.18
- (5) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2*
- 6 PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 (3/4')
- (7) PROPOSED HOT-MIX ASPHALT SURFACE COURSE MIX'D' N70 (2')
- (8) POZZOLANIC BASE 3'
- (9) EXISTING CONCRETE CURB AND GUTTER TYPE B 6.12
- (10) EXISTING CONCRETE SIDEWALK
- (11) PARKWAY

HOT-MIX ASPHALT MIXTURE REQUIREMENT	
MIXTURE TYPE	AIR VOIDS (%) @ Notes
PAVEMENT RESURFACING (MAINLINE)	
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 GYR.
HOT-MIX ASPHALT SURFACE COURSE MIX 'D', N70 (IL-9,5 mm)	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "P6 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

(11)

8

USER NAME == DESIGNED - IS REVISED -CHECKED - PF REVISED --PLOT SCALE = REVISED -CHECKED - PD

GENERAL NOTES

- 1. ALL CONSTRUCTION SHALL COMPLY WITH THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", JANUARY, 2012 EDITION (INCLUDING CURRENT SUPPLEMENTAL SPACIFICATION AND RECURRING SPACIAL PROVISIONS), AND "STANDARD SPACIFICATION FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" (LATEST EDITION).
- 2. NO WORK SHALL COMMENCE UNTIL ALL TRAFFIC CONTROL REQUIREMENTS ARE MET.
- 3. ALL UTILITIES. SHOOL DISTRICTS, LOCAL POLICE AND FIRE DEPARTMENTS SHALL BY NOTIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.

ILLINOIS AMERICAN WATER CO., (630) 739-8831, ISRAEL SANDOVAL

VILLAGE OF BOLINGBROOK, (630) 226-8852, PRATIK PATEL

COMED, (630) 576-7090, FRANK PEREZ

COMCAST, (630) 600-6352, BOB SCHULTER

NICOR GAS, (630) 327-0674

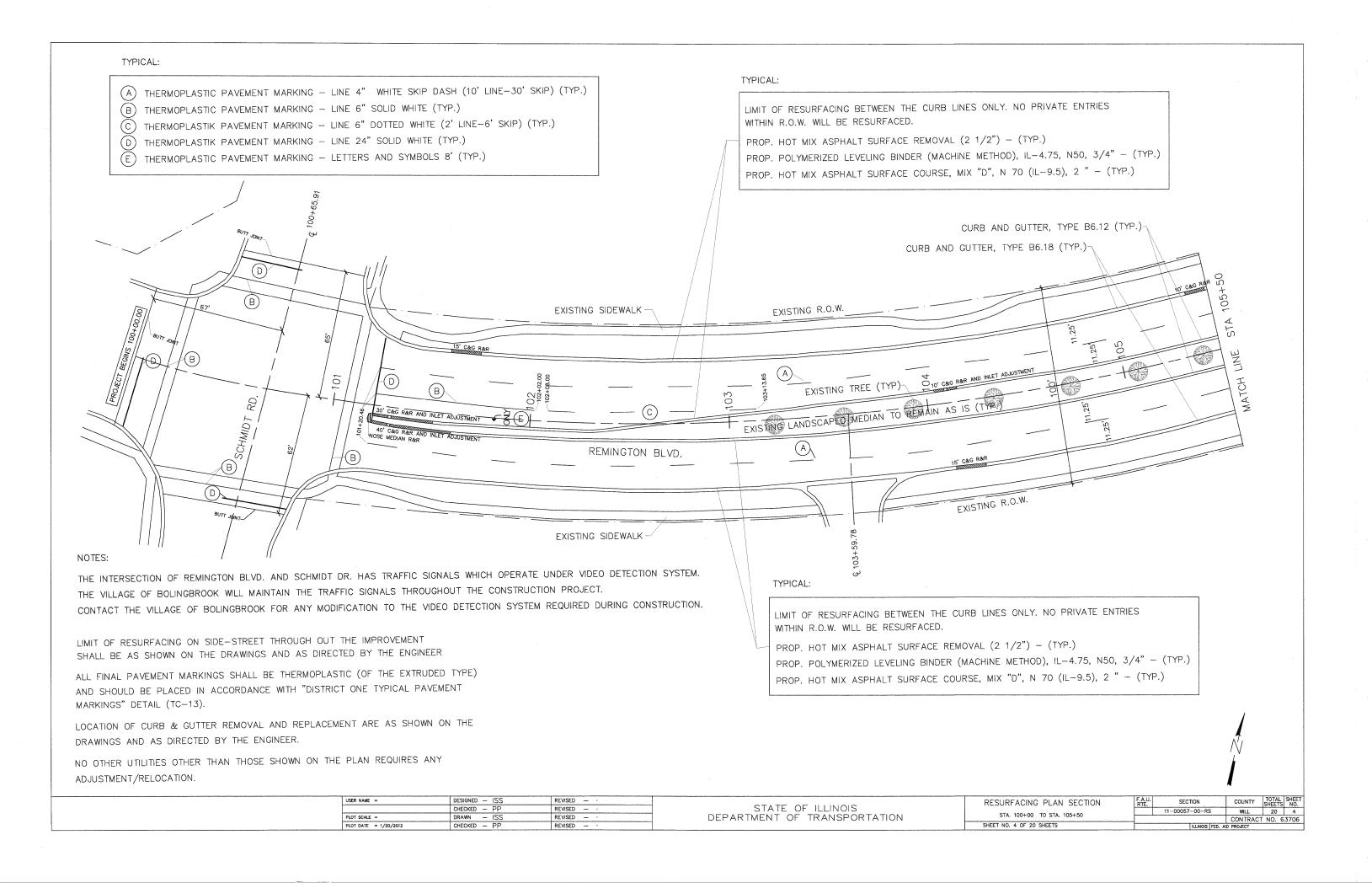
VALLEY VIEW SCHOOL DISTRICT, (815) 886-6686, LUCILLE HARDING

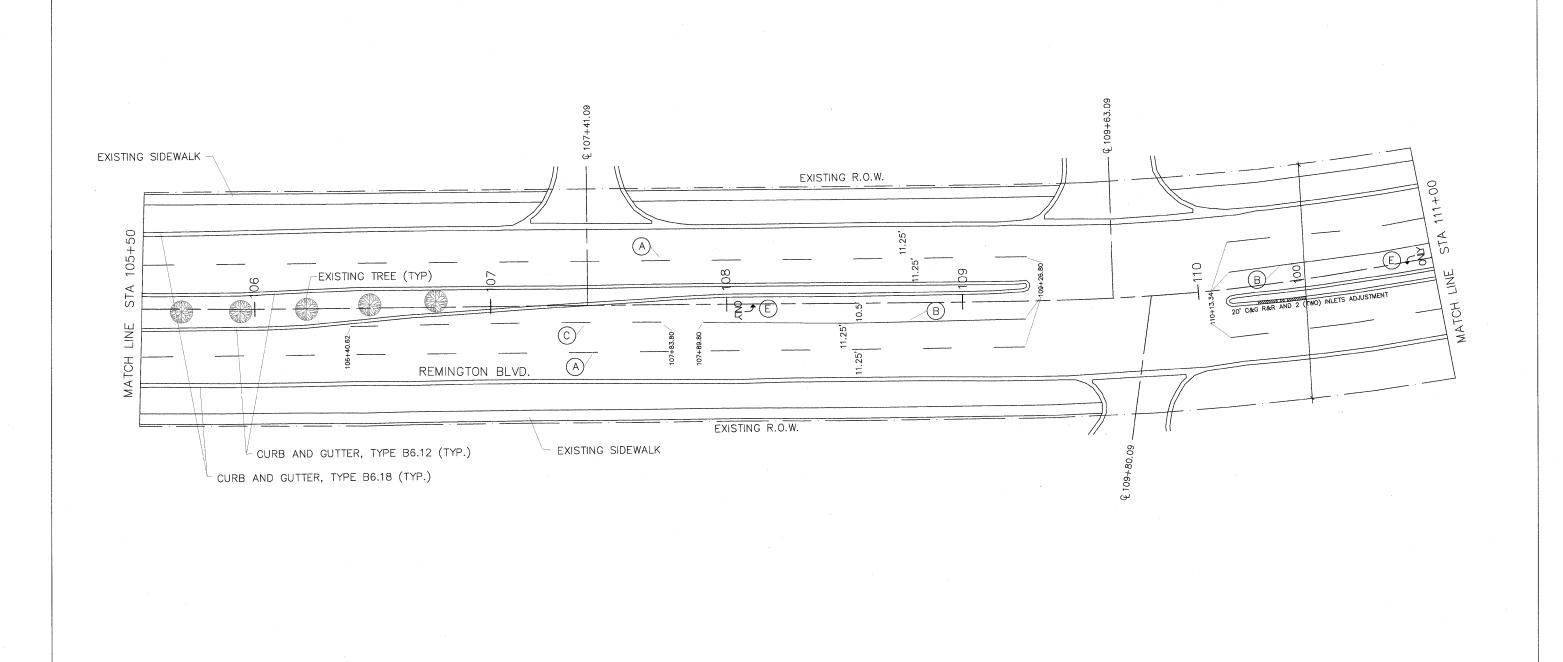
- 4. EXISTING TRAFFIC CONTROL AND ACCESS TO ALL SIDE ROADS AND ENTRANCES SHALL BY MAINTAINED BY THE CONTRACTOR DURING ALL STAGES OF CONSTRUCTION, UNLESS OTHERWISE NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 5. THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING ALL STAGES OF CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN THE COST OF THIS CONTRACT.
- 6. ALL SAW CUTS COST NECESSARY TO COMPLETE THE WORK AS DETAILED IN THESE PLANS SHALL BE INCLUDED IN THE COST FOR VARIOUS PAY ITEMS INVOLVED.
- 7. ALL EMULSIFIED ASPHALT PRIME SHALL BE REQUIRED FOR THE PRIMING OF ANY PAVEMENT TO BE RESURFACED. THE AREA PRIMED SHALL BE LIMITED TO THAT WHICH WILL BE COVERED WITH HMA THAT THE SAME DAY.
- 8. ALL DISTURBED UNSURFACED AREAS WITHIN THE R.O.W. AND EASEMENTS SHALL BE SEEDED, FERTILIZED, AND MULCHED AS DIRECTED BY THE ENGINEER. SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. FERTILIZER NUTRIENTS SHALL BE APPLIEDTO BOTH THE SEEDED AREAS AND THE AREAS COVERED WITH EROSION CONTROL BLANKET. DO NOT INCLUDE MULCH OR EMULSIFIED ASPHALT ON EROSION CONTROL BLANKET AREAS. RESTORATION WORK WITHIN R-O-W SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED.
- 9. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS LIFTS.
- 10. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF 4 (FOUR) SAND BAGS
- 11. ALL STATION AND OFFSET REFERENCES ARE TO THE PROPOSED ROADWAY CENTERLINE UNLESS OTHERWISE NOTED.
- 12. THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES: (SEE "APPLICATION RATES" TABLE).
- 13. ALL TEMPORARY RAMPS AND BUTT JOINTS SHALL BE INCLUDED IN THE HMA SURFACE REMOVAL ITEM.

APPLICATION RATES

ALL HMA ITEMS......112 LBS/SQ YD INCH
BITUMINOUS MATERIAL(PRIME COAT) ON ASPHALT......0.1 GAL/SQ YD
AGGREGATE (PRIME COAT)......002 TONS/SQ YD NITROGEN FERTILIZER NUTRIENT (SEEDING)...... 90 LBS/ ACRE PHOSPHORUS FERTILIZER NUTRIENT......90 LBS/ACRE POTASIUM FERTILIZER NUTRIENT......90 LBS/ACRE

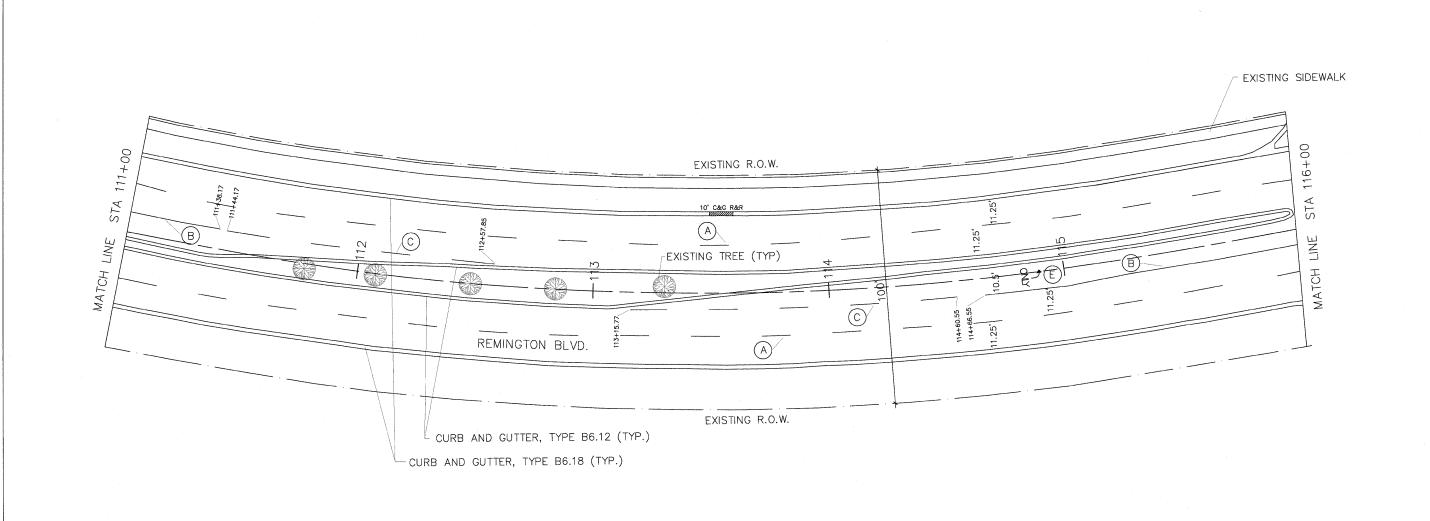
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DEPARTMENT OF TRANSPORTATION				CONTRAC	T NO. 6	3706
	SHEET NO. 3 OF 20 SHEETS		ILLINOIS FED. AI	D PROJECT		





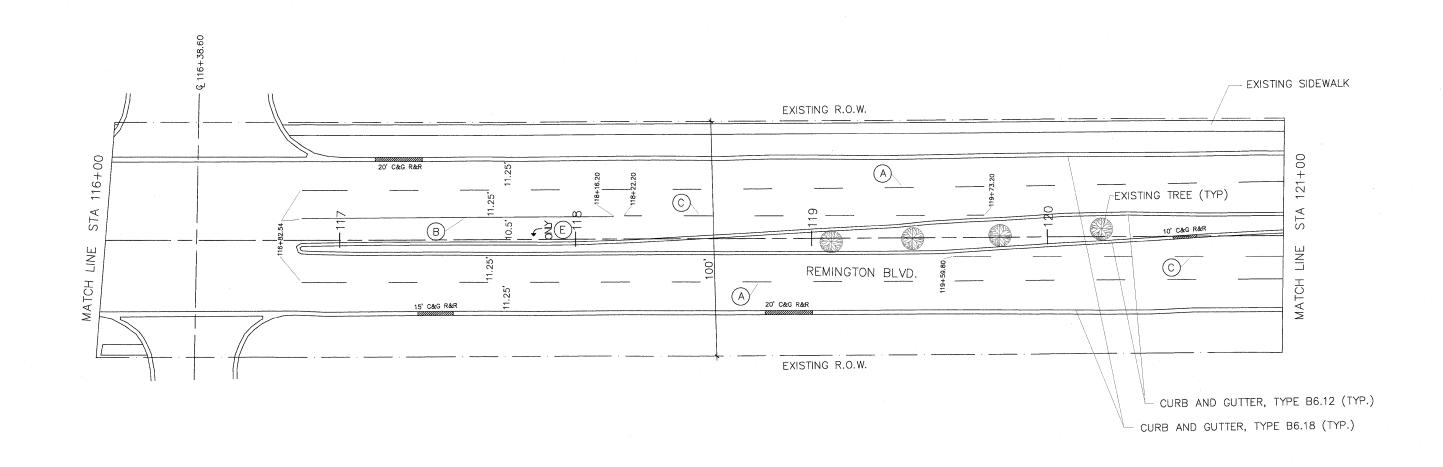
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION RESURFACING PLAN SECTION
STA. 105+50 TO STA. 111+00
SHEET NO. 5 OF 20 SHEETS

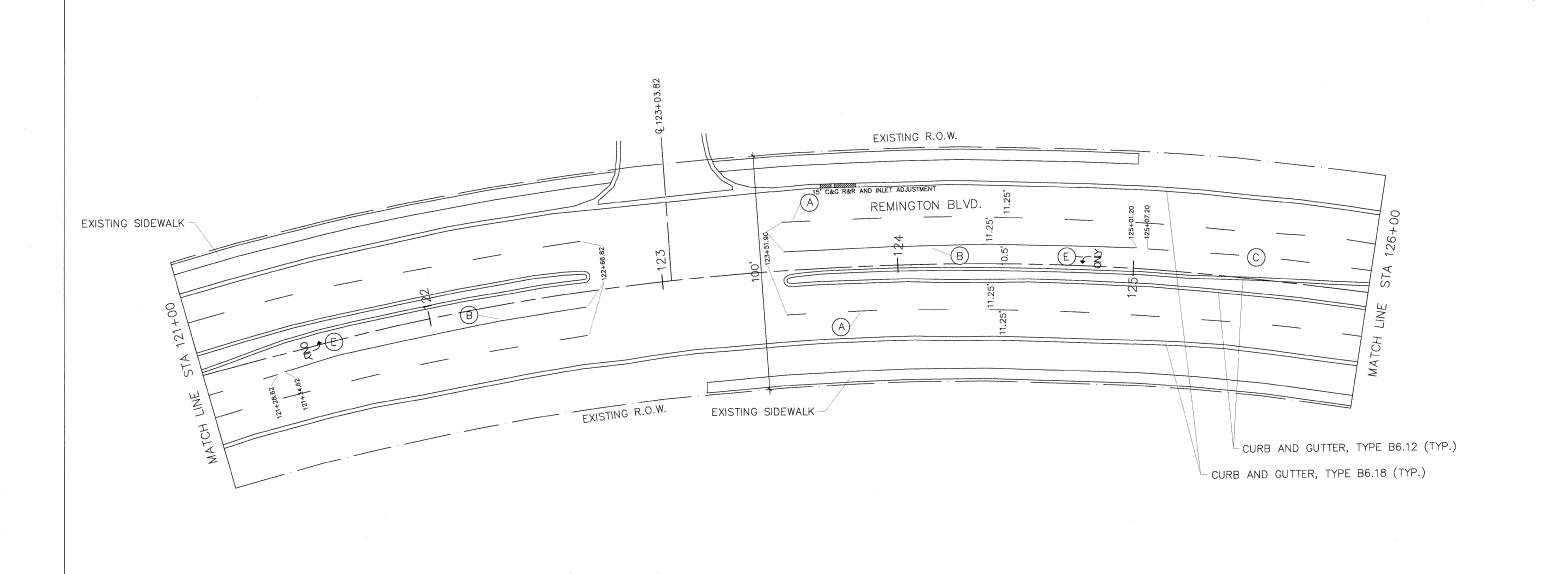




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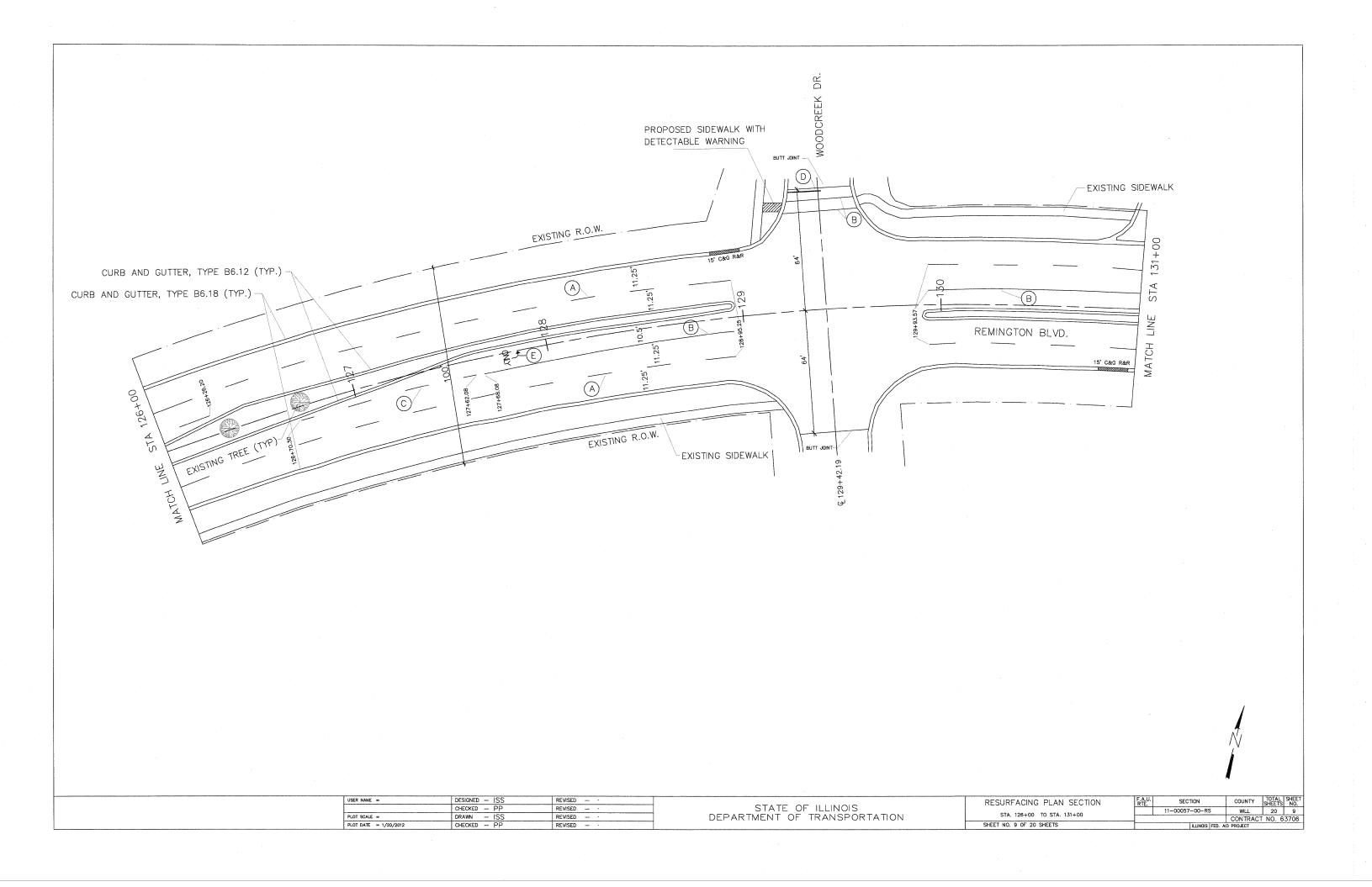


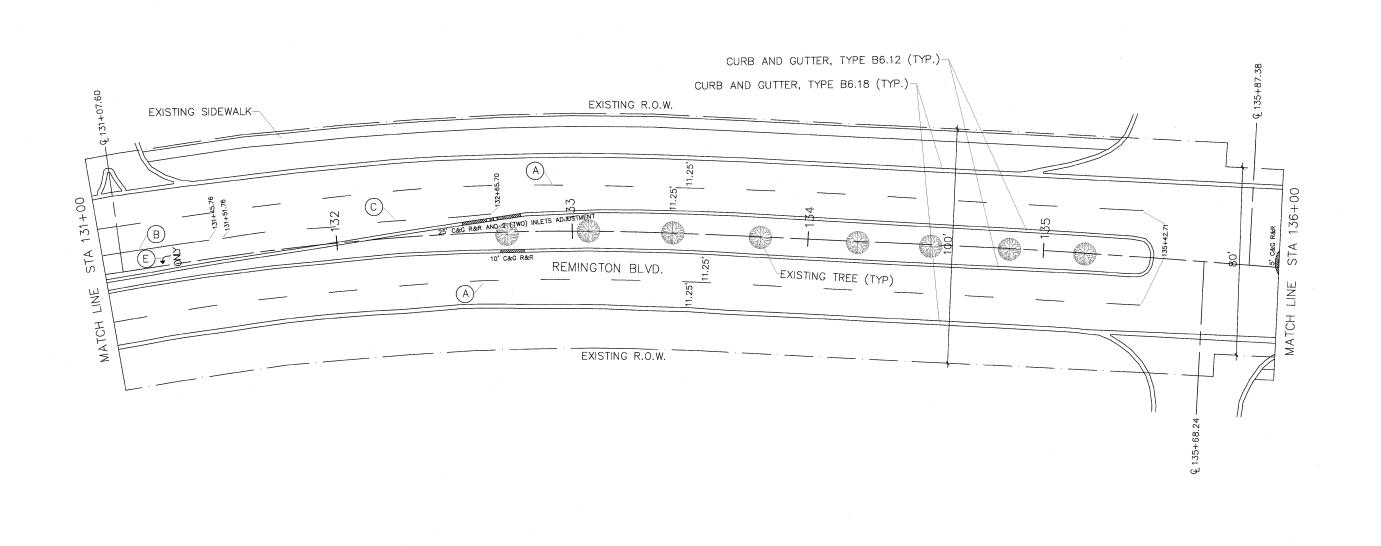
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Ī	PLOT DATE = 1/20/2012	CHECKED - PP	REVISED		SHEET NO. 7 OF 20 SHEETS		ILLINOIS FED. /	ID PROJECT	





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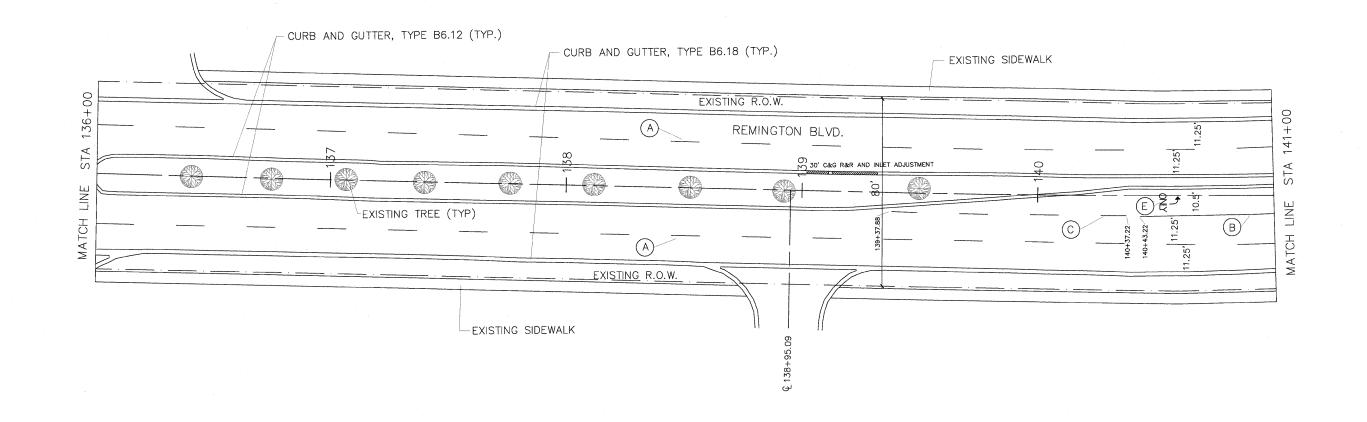


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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

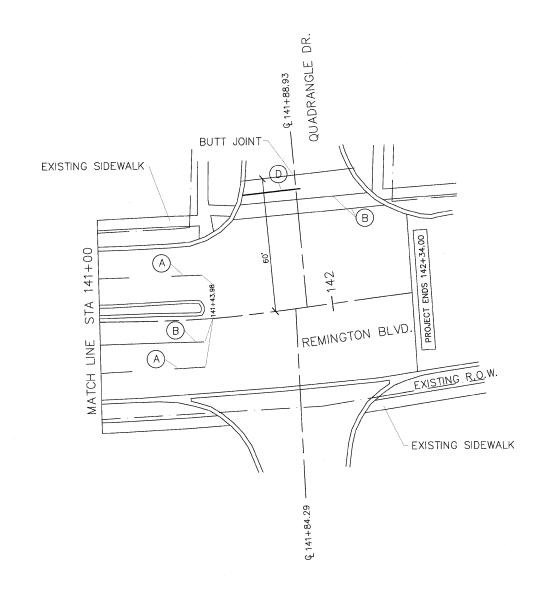
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STA. 131+00 TO STA. 136+00	
EET NO. 10 OF 20 SHEETS	

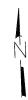
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 		CONTRACT	NO. 6	3706	
	ILLINOIS FED. A	ID PROJECT			



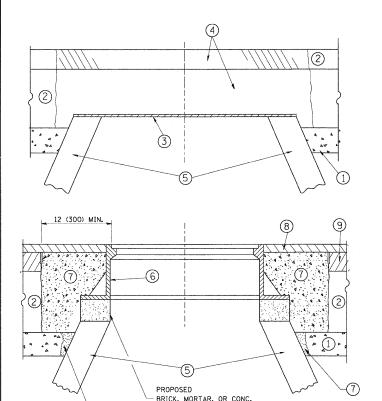


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	PLOT DATE = 1/20/2012	CHECKED - PP	REVISED — -		SHEET NO. 11 OF 20 SHEETS	ILLINOIS FED	. AID PROJECT		





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	PLOT DATE = 1/20/2012	CHECKED - PP	REVISED		SHEET NO. 12 OF 20 SHEETS		ILLINOIS FED. A	ID PROJECT		



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.

ADJUSTING RINGS

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.

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 11/2 (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
- (6) FRAME AND LID (SEE NOTES)
- 2 EXISTING PAVEMENT
- (7) CLASS PP-1* CONCRETE
- 3 36 (900) DIAMETER METAL PLATE
- 4 PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- 8 PROPOSED HMA SURFACE COURSE
- 5 EXISTING STRUCTURE
- 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 "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

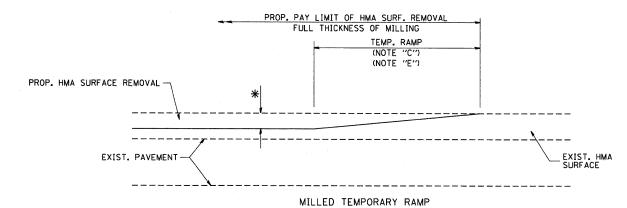
THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

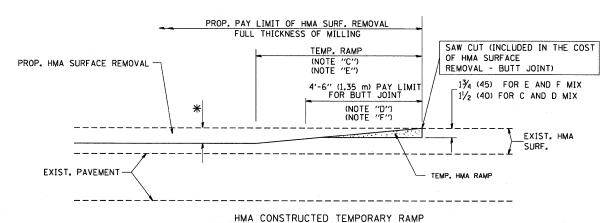
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04		DETAILS FOR	F.A. SECTION	COUNTY	TOTAL SHEE	ĒT
c:\pw_work\pwidot\bauerdl\d0108315\bd08.	lgn	DRAWN -	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS		11-00057-00-RS	WILL 2	20 13	<u>'*</u>
	PLOT SCALE = 1968.5000 '/ m	CHECKED -	REVISED - R. BORO 03-09-11	DEPARTMENT OF TRANSPORTATION	FRAMES AND LIDS ADJUSTMENT WITH MILLING	BD600-03 (BD-8)	CONTRACT N	NO. 63706	5
	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD DIST, NO. 1 ILLINOIS FED.			



(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

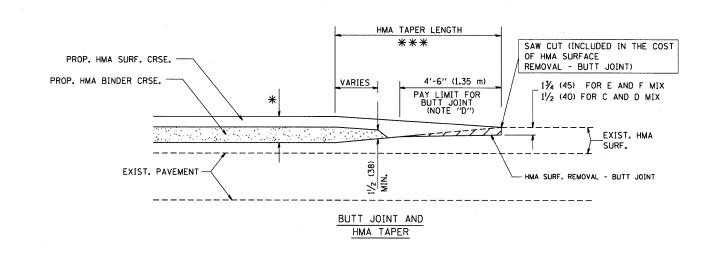
OPTION 1



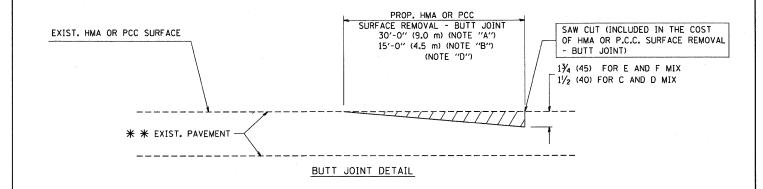
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

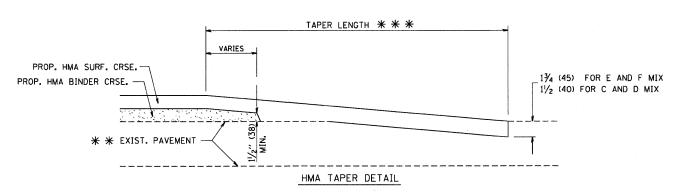
OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING





TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

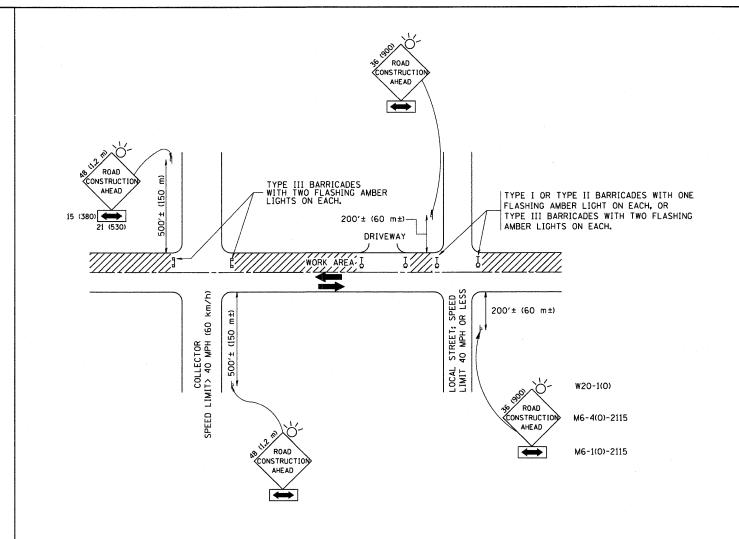
- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- ** * \star 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 SOUARE YARD (SOUARE 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 =	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94		BUTT JOINT AND	F.A. SEC	TION COUNTY TOTAL SHEE
W:\diststd\22x34\bd32.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS		11-00057-	-00-RS WILL 20 14
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01	DEPARTMENT OF TRANSPORTATION	HMA TAPER DETAILS	BD400-05	BD32 CONTRACT NO. 63706
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.	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:
- O) 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:
- d) ONE ROAD CONSTRUCTION AHEAD SIGN 48 \times 48 (1.2 m \times 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.

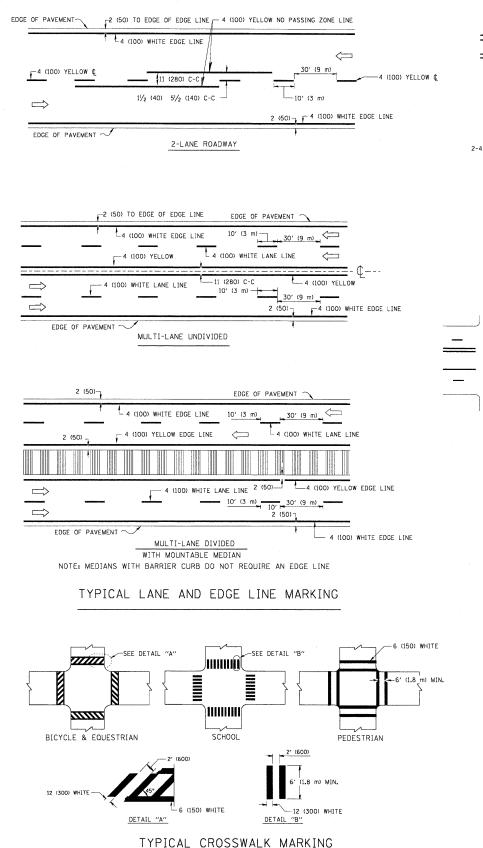
All dimensions are in millimeters (inches) unless otherwise shown.

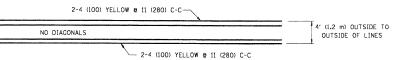
FILE NAME = USER NAME = geglionobt DESIGNED - LHA REVISED - J. OBERLE 10-18-95
Widdisterd/22x34\tol0.dgn

| DRAWN - REVISED - A. HOUSEH 03-06-96
| PLOT SCALE = 58.800 '/ IN. CHECKED - REVISED - A. HOUSEH 10-15-96
| PLOT DATE = 1/4/2808 DATE - 06-89 REVISED - T. RAMMACHER 01-06-00

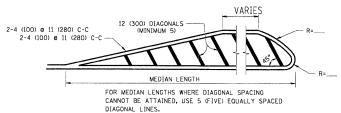
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	TRAFFIC	CONTRO	L AND P	ROTECTION	FOR
	SIDE ROAL	S, INTER	SECTIONS	, AND DRI	VEWAYS
SCALE: NONE	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.



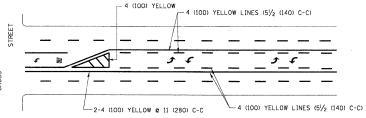


4' (1.2 m) WIDE MEDIANS ONLY



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

MEDIANS OVER 4' (1.2 m) WIDE

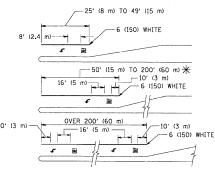


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR.
ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

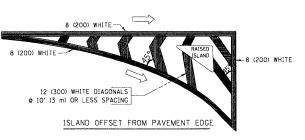


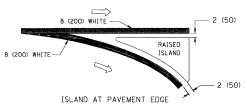
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. \P AREA = 15.6 SO. FT. (1.5 m²) DNLY AREA = 20.8 SQ. FT. (1.9 m²)

* 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

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	5½ (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	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	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' (GOO) APART 2' (GOO) 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	SOLID	YELLOW: TWO WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE
	e 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS		WHITE: ONE WAY TRAFFIC	SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIACONALS: 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 (0VER 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 SO. FT. (0.33 m ²) EACH "X"-54.0 SO. 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 (0VER 45MPH (70 km/h))

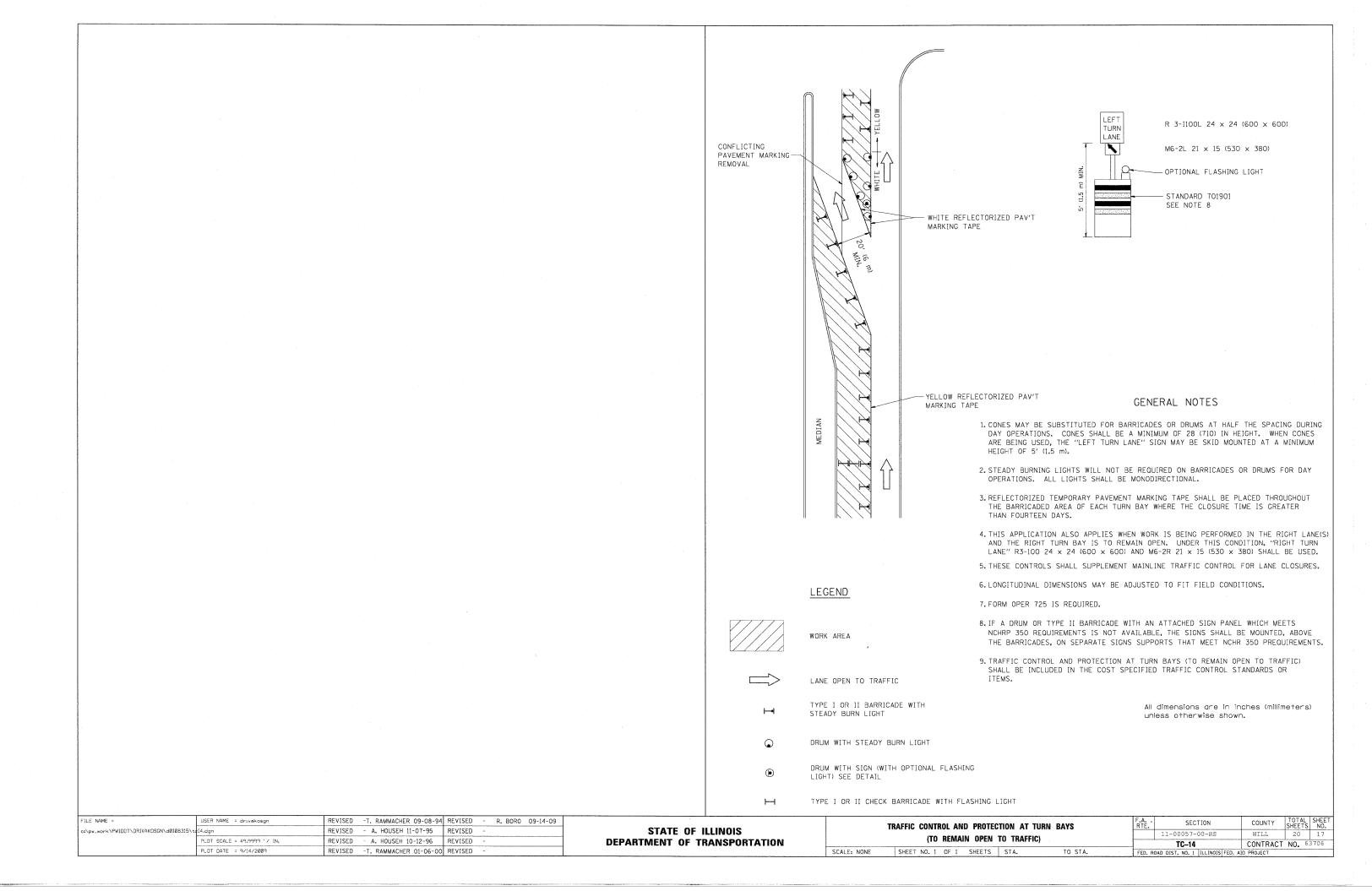
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

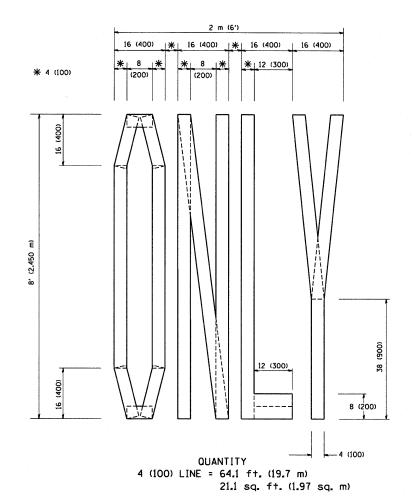
All dimensions are in inches (millimeters) unless otherwise shown.

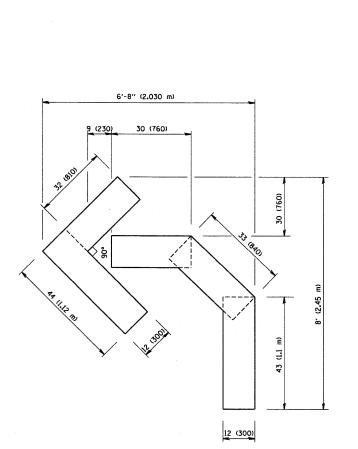
FILE NAME =	USER NAME = drivakosgn	DESIGNED -	EVERS	REVISED	-T. RAMMACHEF	10-27-94
o:\pw_work\pwidot\drivakosgn\d01083[5\tc 3,dgn		DRAWN -		REVISED	-C. JUCIUS	09-09-09
	PLOT SCALE = 50.000 '/ IN.	CHECKED -		REVISED	-	
	PLOT DATE = 9/9/2009	DATE ~	03-19-90	REVISED	-	

STATE	OF	ILLINOIS
DEPARTMENT	OF	TRANSPORTATION

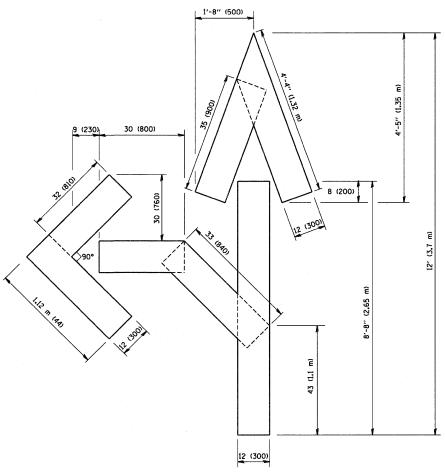
	DISTRICT ONE						COUNTY	TOTAL	SHEET NO.	
	TYPICAL P		11-00057-00-RS	WILL	20	16				
	ITTICAL F	AVEMENT	TC-13 CONTRACT N				NO. 63706			
SCALE: NONE	SHEET NO. 1 OF 1	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					







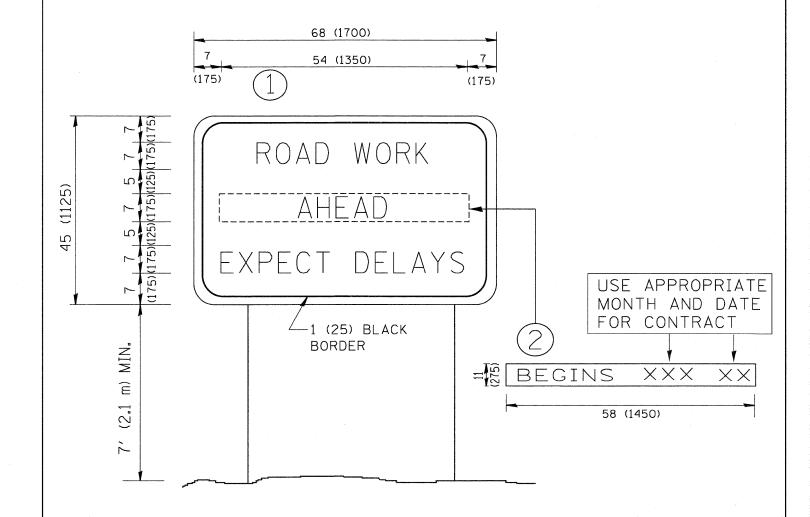
OUANTITY 4 (100) LINE = 45.5 ft. (13.9 m) 15.2 sq. ft. (1.39 sq. m)



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

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

FILE NAME =	USER NAME = gaglianobt	DESIGNED -	REVISED -T. RAMMACHER 06-05-96			DANGERGRIT MAADMING LETTERG AND OVERDOLG	F.A. SECTION		TOTAL SHEET
W:\diststd\22x34\tcl6.dgn		DRAWN -	REVISED -T. RAMMACHER 11-04-97	STATE OF ILLINOIS	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING		11-00057-00-RS	WILL	20 18
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -T, RAMMACHER 03-02-98	DEPARTMENT OF TRANSPORTATION			TC-16	CONTRACT	
	PLOT DATE = 1/4/2008	DATE - 09-18-94	REVISED - E. GOMEZ 08-28-00		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. /		

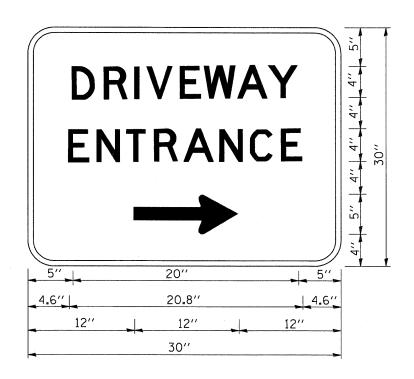


NOTES:

- 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 =	USER NAME = gaglianobt	DESIGNED ~	REVISED - R. MIRS 09-15-97		ARTERIAL DOAD	F.A. SECTION	COUNTY TOTAL SI
Wi\diststd\22x34\tc22.dgn		DRAWN -	REVISED - R. MIRS 12-11-97	STATE OF ILLINOIS	ARTERIAL ROAD	11-00057-00-RS	WILL 20
	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED -T. RAMMACHER 02-02-99	DEPARTMENT OF TRANSPORTATION	INFORMATION SIGN	TC-22	CONTRACT NO. 63706
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.		ID PROJECT



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 =	USER NAME = gaglianobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
W:\diststd\22x34\tc26.dgn		DRAWN -	REVISED -
	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

STATI	E OF	ILLINOIS
DEPARTMENT	OF	TRANSPORTATION

	DRIVEV	VAY ENTRA	NCE SIGNING		F.A RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						11-00057-00-RS	WILL	20	20	
						TC-26	CONTRACT	NO. 6	3706	
SCALE: NONE	SHEET NO. 1 OF	1 SHEET	S STA.	TO STA.	FED. R	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				