

FOR INDEX OF SHEETS, SEE SHEET NO. 02

STATE OF ILLINOIS 08-03-12 LETTING ITEM 005

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1062	12-00048-00-RS	COOK	14	1
		ILLINOIS	CONTRACT NO. 63720	

DESIGN DESIGNATIONS

ALIGNMENT	CLASSIFICATION	DESIGN SPEED	POSTED SPEED	ADT (YEAR)
HILLSIDE AVE (FAU 1062)	URBAN COLLECTOR	20 MPH	20 MPH	1541 (2009)

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

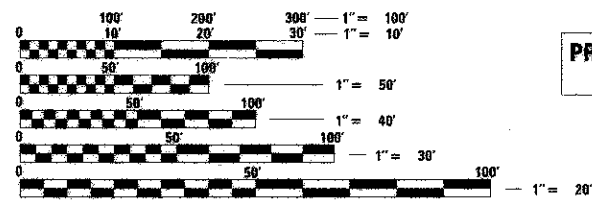
PLANS FOR PROPOSED FEDERAL AID HIGHWAY

**FAU 1062 (HILLSIDE AVENUE)
FAU 1427 (HARRISON STREET) TO FAU 3790 (DARMSTADT ROAD)
RESURFACING**

**SECTION NO. 12-00048-00-RS
PROJECT: M-9003(995)
VILLAGE OF HILLSIDE
COOK COUNTY
JOB: C-91-351-12**



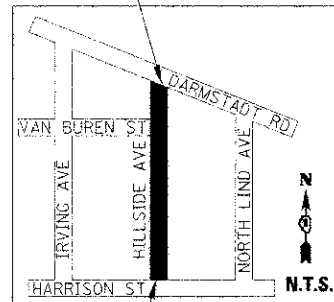
PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDLE, P.E. 847-705-4406 SCHAUMBURG, IL



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

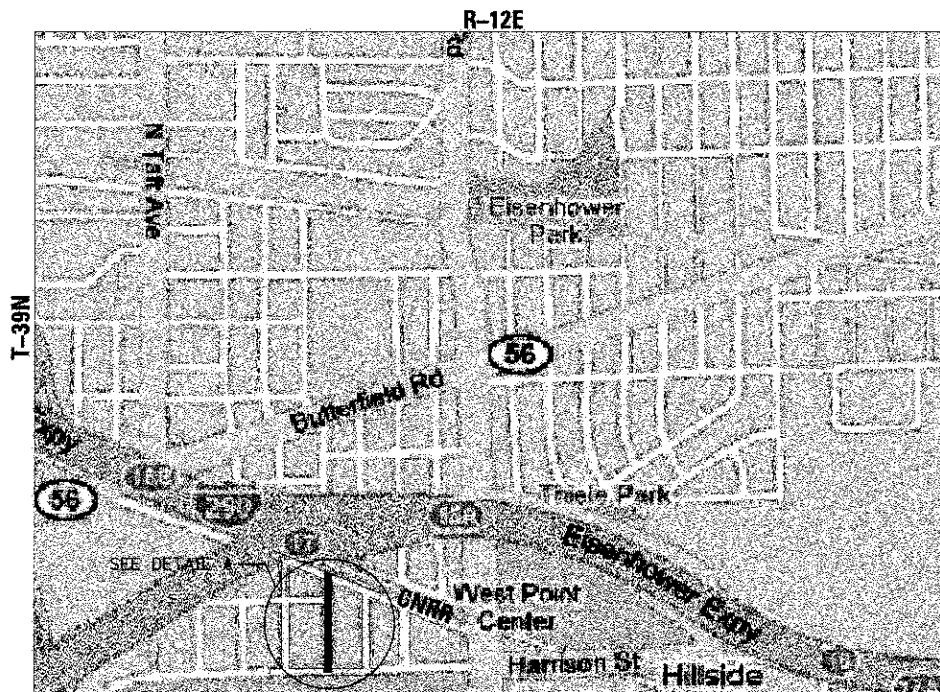
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENDS
STA 9+66



PROJECT BEGINS
STA 1+17

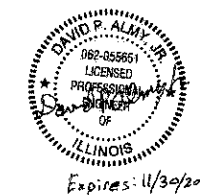
DETAIL A



SE 1/4 SEC. 7, SW 1/4 SEC. 8, NW 1/4 SEC. 17, & NE 1/4 SEC. 18, T-39N, R-12E
PROVISO TOWNSHIP
LOCATION MAP
3RD P.M.

GROSS LENGTH = 880 FT. = 0.17 MILE
NET LENGTH = 850 FT. = 0.16 MILE

MAP LEGEND
LIMITS OF RESURFACING



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED *M.W.P.* 2012
VILLAGE OF HILLSIDE, DIRECTOR OF PUBLIC WORKS

PASSED *Carroll* 2012
DISTRICT 1, ENGINEER OF LOCAL ROAD & STREETS

RELEASED FOR BID
BASED ON LIMITED REVIEW
MAY 23, 2012
Devin M. O'Keefe, DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



VILLAGE OF HILLSIDE
425 Hillside Avenue
Hillside, Illinois 60162
Telephone: 708.202.3434
Fax: 708.202.3432



815 Commerce Drive Suite 200
Oak Brook, Illinois 60523
Telephone: 630.880.3800
Fax: 630.880.3801

CONTRACT NO.: 63720

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATIONS, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800)892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE CONTRACTOR SHALL NOTIFY MR. JOSEPH PISANO (708) 202-3434 AT THE VILLAGE OF HILLSIDE AND THE ENGINEER A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- EXACT LOCATIONS FOR PAVEMENT REMOVAL SHALL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER AT THE TIME OF CONSTRUCTION.
- CENTERLINES ARE APPROXIMATE AND SHALL BE USED FOR LOCAL REFERENCE ONLY.
- THE CONTRACTOR WILL BE REQUIRED TO PERFORM THE BASE REPAIR OPERATIONS AFTER THE HOT-MIX ASPHALT SURFACE REMOVAL.
- THE CONTRACTOR IS REQUIRED TO PROVIDE ACCESS TO RESIDENTIAL AND COMMERCIAL DRIVES THROUGHOUT PROJECT DURATION. THE CONTRACTOR IS RESPONSIBLE FOR GIVING AT LEAST 24 HOURS NOTICE TO RESIDENTS WHEN CONSTRUCTION WILL (OR POTENTIALLY) AFFECT ANY RESIDENT DUE TO CONSTRUCTION BEING PERFORMED.
- NO STOCKPILING OF MATERIAL ON THE JOB SITE IS PERMITTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REPAIRS OR RESTORATION TO ITEMS DAMAGED BY CONSTRUCTION OR CONSTRUCTION EQUIPMENT AT NO ADDITIONAL COST TO THE CONTRACT. THE DAMAGED AREAS SHALL BE RESTORED TO THE SATISFACTION OF THE FIELD ENGINEER. ALL RESTORATION WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- ALL WORK PERFORMED RELATIVE TO THIS IMPROVEMENT SHALL COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF O.S.H.A.
- THE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS AND LOOSE MATERIALS FROM THE ROADWAY AND ADJACENT AREAS AT THE CLOSE OF EACH WORKING DAY TO SATISFACTION OF THE FIELD ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT AND NO ADDITIONAL PAYMENT SHALL BE MADE.
- NO ROAD, DRIVEWAY, ACCESS, ALLEY, OR PARKING LOT SHALL BE CLOSED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC MOVEMENT AND ACCESS FOR ALL PUBLIC VEHICLES DURING CONSTRUCTION. ALL ROADS SHALL REMAIN OPEN AT ALL TIMES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY UTILITY CAUSED BY CONSTRUCTION ACTIVITIES. SHOULD ANY DAMAGES OCCUR, THE CONTRACTOR SHALL NOTIFY THE FIELD ENGINEER, THE VILLAGE OF HILLSIDE, AND THE UTILITY OWNER IMMEDIATELY. THIS WORK SHALL FOLLOW SPECIAL PROVISION LR 105.
- PROPOSED PAVEMENT MARKINGS SHALL BE LOCATED BY THE FIELD ENGINEER AFTER PAVING. ALL PAVEMENT STRIPING SHALL CONFORM TO THE PLANS, APPLICABLE STANDARDS, SPECIFICATIONS, AND MANUALS.

FOR BIDDING PURPOSES, THE PROPOSED PAVEMENT MARKINGS SHALL BE:
A) STOP BAR = SOLID WHITE LINE (24")
B) CROSS WALK LINE = SOLID WHITE LINE (6")
C) HYDRANT TEE PAVEMENT MARKING = SOLID YELLOW (8")
(SEE DETAIL SHOWN IN THESE PLANS)
- THE PROPOSED LOCATIONS FOR "AGGREGATE BASE REPAIR (SPECIAL)" ARE NOT SHOWN ON THESE PLANS FOR CLARITY. ALL AREAS TO BE REPAIRED SHALL BE LOCATED IN THE FIELD, AFTER MILLING OPERATIONS, BY THE FIELD ENGINEER. ONLY AREAS LOCATED BY THE FIELD ENGINEER SHALL BE REPAIRED AND MEASURED FOR PAYMENT IN ACCORDANCE WITH THE APPLICABLE STANDARDS, SPECIFICATIONS, AND SPECIAL PROVISIONS. THE CONTRACTOR SHALL PERFORM THE REPAIR OPERATIONS TO THE DEPTH INDICATED ON THE TYPICAL SECTIONS WITHIN THIS PLAN SET.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AREAS DISTURBED OR DAMAGED DURING THE REPAIR OPERATIONS THAT ARE OUTSIDE OF THE PROPOSED REPAIR LIMITS AND DEPTHS. THE CONTRACTOR SHALL REPAIR THESE AREAS WITH LIKE MATERIALS AT NO ADDITIONAL COST TO THE CONTRACT. NO PAYMENTS SHALL BE MADE FOR THE WORK REQUIRED TO REPAIR DAMAGED OR DISTURBED AREAS OUTSIDE OF THE LOCATED REPAIR LIMITS OR BEYOND THE DEPTH INDICATED IN THESE PLANS.
- PAY ITEM 70102640: TRAFFIC CONTROL AND PROTECTION, STANDARD 701801-04 SHALL BE USED ONLY FOR SIDEWALK CLOSURES.

INDEX OF SHEETS

- TITLE SHEET
- GENERAL NOTES, INDEX, & STANDARDS LIST
- SUMMARY OF QUANTITIES
- SCHEDULE OF QUANTITIES
- TYPICAL SECTIONS
- 6-7 PLAN
- 8-9 PAVEMENT MARKING PLAN
- (TC-10) TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- (TC-13) TYPICAL PAVEMENT MARKINGS
- (BD-8) DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
- (BD-24) CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- (BD-32) BUTT JOINT AND HMA TAPER DETAILS

IDOT STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-06 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 424016 MID-BLOCK CURB RAMPS FOR SIDEWALKS
- 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701501-06 URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
- 701801-05 LANE CLOSURE MULTILANE 1W OR 2W OR SIDEWALK CLOSURE
- 701901-02 TRAFFIC CONTROL DEVICES

GENERAL SPECIFICATIONS

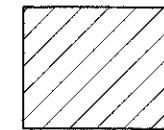
THE WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF THE FOLLOWING:

"STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012, "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2012.

"HIGHWAY STANDARDS" ILLINOIS DEPARTMENT OF TRANSPORTATION.

"MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", 2009 EDITION

LEGEND



ITEMS:
HOT-MIX ASPHALT SURFACE REMOVAL, 4"
BITUMINOUS MATERIALS (PRIME COAT),
AGGREGATE (PRIME COAT),
HOT-MIX ASPHALT BINDER COURSE, IL-19, N50, 2 1/2"
HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50, 1 1/2"



ITEMS:
HOT-MIX ASPHALT SURFACE REMOVAL - BUTT-JOINT



ITEMS:
PORTLAND CONCRETE CEMENT SIDEWALK, 5 INCH,



ITEMS:
SIDEWALK REMOVAL,
COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT,
PORTLAND CONCRETE CEMENT SIDEWALK, 5 INCH,
DETECTABLE WARNINGS



ITEMS:
FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)

FILE NAME: 111062-00048-00-RS-01.dwg	USER NAME: jay.p.0648	DESIGNED: DWP	REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX, & STANDARDS LIST	F.A.U. RTE.:	SECTION:	COUNTY:	TOTAL SHEET NO.:
111062-00048-00-RS-01.dwg	111062-00048-00-RS-01.dwg	DRAWN: DWP	REVISED:			1062	12-00048-00-RS	COOK	14
111062-00048-00-RS-01.dwg	111062-00048-00-RS-01.dwg	CHECKED: DPA	REVISED:			CONTRACT NO. 63720			
111062-00048-00-RS-01.dwg	111062-00048-00-RS-01.dwg	DATE: 05/02/2012	REVISED:			ILLINOIS FED. AID PROJECT			
SCALE: N/A					SHEET NO. 2 OF 14 SHEETS		STA. TO STA.		

SUMMARY OF QUANTITIES

SPECIAL PROVISION	PAY ITEM	DESCRIPTION	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
					0005	
	25200110	SODDING, SALT TOLERANT	SQ YD	15	15	
	40600200	BITUMINOUS MATERIAL (PRIME COAT)	TON	5	5	
	40600300	AGGREGATE (PRIME COAT)	TON	5	5	
	40600895	CONSTRUCTING TEST STRIP	EACH	1	1	
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	60	60	
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	500	500	
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	300	300	
	42300100	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH	SQ YD	75	75	
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	1,353	1,353	
	42400800	DETECTABLE WARNINGS	SQ FT	25	25	
	44000165	HOT-MIX ASPHALT SURFACE REMOVAL, 4"	SQ YD	3,500	3,500	
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	75	75	
	44000800	SIDEWALK REMOVAL	SQ FT	625	625	

SPECIAL PROVISION	PAY ITEM	DESCRIPTION	UNIT	CONST. CODE I-005 TOTAL QUANTITY	CONSTRUCTION TYPE CODE	
					0005	
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2	
	60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2	
	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1	
	67100100	MOBILIZATION	L SUM	1	1	
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	152	152	
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	64	64	
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	36	36	
X	X3580300	AGGREGATE BASE REPAIR (SPECIAL)	TON	170	170	
X	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	6	6	
X	X6038310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	8	8	
X	Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	500	500	

* SPECIALTY ITEMS

25200110 SODDING, SALT TOLERANT			
ALIGNMENT	STATION	LT/RT	SQ YD
HILLSIDE AVE			15
TOTAL:			15
(SQ YD)			

40600982 HOT-MIX SURFACE REMOVAL, BUTT-JOINT				
ALIGNMENT	STATION	LENGTH (FT)	WIDTH (FT)	SQ YD
HILLSIDE AVENUE	1+18	60	4.5	30.0
	9+65	60	4.5	30.0
TOTAL:				60
(SQ YD)				

42300100 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH				
44000200 DRIVEWAY PAVEMENT REMOVAL				
ALIGNMENT	STATION	LENGTH (FT)	WIDTH (FT)	SQ YD
HILLSIDE AVENUE	LOCATIONS TO BE DETERMINED IN THE FIELD DURING CONSTRUCTION			
TOTAL:				75
(SQ YD)				

44000600 SIDEWALK REMOVAL, 42400200 PORTLAND CEMENT CONCRETE SIDEWALK, 5", 42400800 DETECTIBLE WARNINGS				
REMOVAL & P.C.C. SIDEWALK				DETECTIBLE WARNINGS
ALIGNMENT	STATION	LT/RT	SQ FT	SQ FT
HILLSIDE AVENUE	1+29	LT	125	5
	1+30	RT	125	5
	9+20	LT	125	
	9+20	RT	125	
	9+74	LT	125	5
TOTAL:			625	15
(SQ FT)			(SQ FT)	(SQ FT)
P.C.C. SIDEWALK (NO REMOVAL)				DETECTIBLE WARNINGS
ALIGNMENT	STATION	LT/RT	SQ FT	SQ FT
HILLSIDE AVENUE	1+33	RT	328	
	1+99	RT	50	
	2+13	RT	300	
	9+30	RT	25	5
	9+30	LT	25	5
TOTAL:			728	10
(SQ FT)			(SQ FT)	(SQ FT)

NOTE:
ALL LOCATIONS PROVIDED ARE APPROXIMATE.
ACTUAL LOCATIONS AND LIMITS OF THE IMPROVEMENTS
WILL BE DETERMINED IN THE FIELD BY THE FIELD
ENGINEER AT THE TIME OF CONSTRUCTION.

60250200 CATCH BASINS TO BE ADJUSTED			
ALIGNMENT	STATION	LT/RT	QUANTITY
HILLSIDE AVENUE	1+40	RT	1
	9+42	RT	1
TOTAL:			2
(EACH)			

60252800 CATCH BASINS TO BE RECONSTRUCTED			
ALIGNMENT	STATION	LT/RT	QUANTITY
HILLSIDE AVENUE	1+49	LT	1
	4+50	LT	1
TOTAL:			2
(EACH)			

60257900 MANHOLES TO BE RECONSTRUCTED			
ALIGNMENT	STATION	LT/RT	QUANTITY
HILLSIDE AVENUE	5+08	LT	1
TOTAL:			1
(EACH)			

78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"				
ALIGNMENT	STATION	NO. OF LINES	LENGTH	TOTAL
HILLSIDE AVENUE	1+30	2	40	80
	9+30	2	36	72
				0
TOTAL:				152
(FEET)				

78000500 THERMOPLASTIC PAVEMENT MARKING - LINE 8"			
ALIGNMENT	STATION	LT/RT	TOTAL FT PER DETAIL
HILLSIDE AVENUE	1+55	RT	16
	4+38	LT	16
	7+27	LT	16
	9+41	LT	16
TOTAL:			64
(FEET)			

78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"			
ALIGNMENT	STATION	LT/RT	LENGTH
HILLSIDE AVENUE	1+38	LT	18
	9+22	RT	18
TOTAL:			36
(SQ FT)			

X35803000 AGGREGATE BASE REPAIR (SPECIAL)			
ALIGNMENT	STATION	LT/RT	TON
HILLSIDE AVE			178
TOTAL:			178
(TON)			

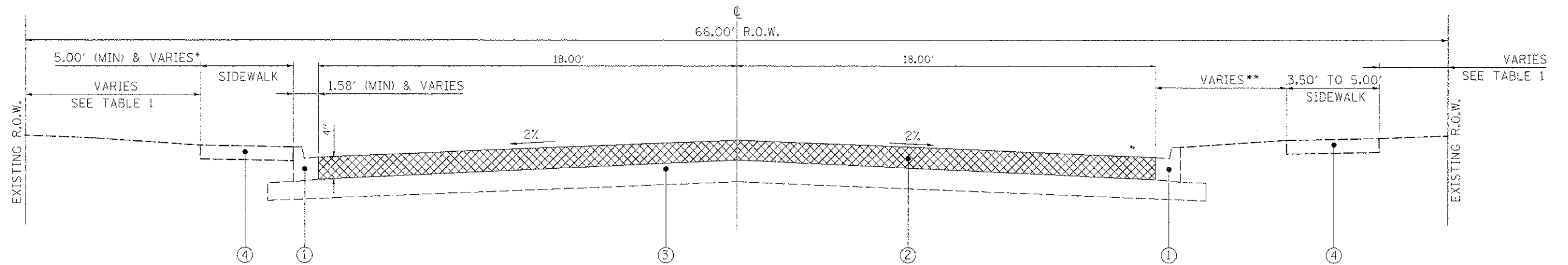
X4022000 TEMPORARY ACCESS (COMMERCIAL ENTRANCE)			
ALIGNMENT	STATION	LT/RT	EACH
HILLSIDE AVE			6
TOTAL:			6
(EACH)			

X6030310 FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)			
ALIGNMENT	STATION	LT/RT	QUANTITY
HILLSIDE AVENUE	1+33	LT	1
	1+48	RT	1
	3+08	RT	1
	3+66	RT	1
	4+50	RT	1
	7+50	RT	1
	9+43	LT	1
	9+48	RT	1
TOTAL:			8
(EACH)			

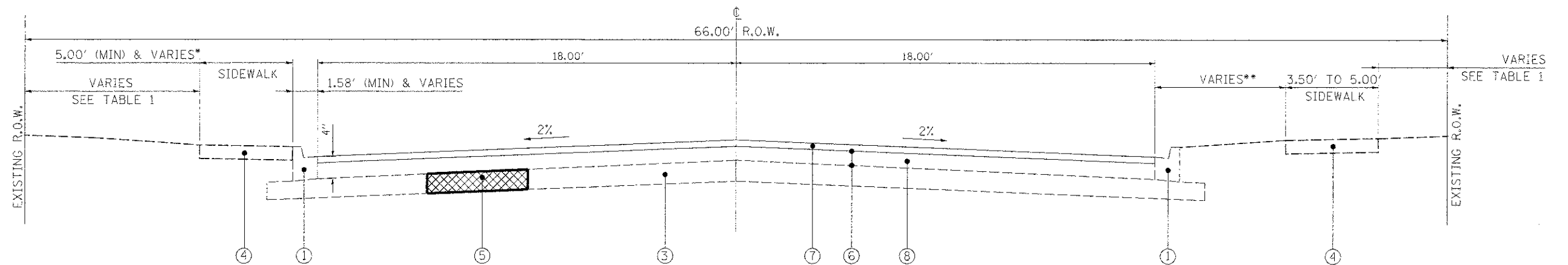
Z0004562 COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT			
ALIGNMENT	STATION	LT/RT	FEET
HILLSIDE AVENUE	LOCATIONS TO BE DETERMINED IN THE FIELD DURING CONSTRUCTION		500
TOTAL:			500
(FEET)			

LOCATIONS OF AGGREGATE BASE REPAIR (SPECIAL) WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER AFTER PAVEMENT REMOVAL OPERATIONS.

* 6.00' MIN WHEN SIDEWALK ABUTS THE BACK OF CURB AND GUTTER
 ** STA. 2+84.00 TO STA. 9+66.00 - WIDTH VARIES



EXISTING TYPICAL SECTION
 HILLSIDE AVE
 STA. 1+17.00 TO STA. 9+66.00
 N.T.S.



PROPOSED TYPICAL SECTION
 HILLSIDE AVE
 STA. 1+17.00 TO STA. 9+66.00
 N.T.S.

PAY ITEM DESCRIPTION	AIR VOIDS @ Ndes
HOT-MIX ASPHALT BINDER COURSE, IL-19, N50	4% @ 50 Gyr.
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5MM)	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112/LBS/SQ.YD./INCH.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

LEGEND

- ① EXISTING B-6.12 COMBINATION CONCRETE CURB AND GUTTER
- ② HOT-MIX ASPHALT SURFACE REMOVAL, 4"
- ③ EXISTING CA6 AGGREGATE BASE COURSE, 3"
- ④ EXISTING P.C.C. SIDEWALK, 5"
- ⑤ AGGREGATE BASE REPAIR (SPECIAL), 3"
- ⑥ BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT)
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
- ⑧ HOT-MIX ASPHALT BINDER COURSE, IL-19, N50, 2 1/2"

TABLE 1: EXISTING SIDEWALK TO R.O.W. DIMENSIONS

ALIGNMENT	STATION RANGE	LT/RT/BOTH	DISTANCE
HILLSIDE AVE	STA. 1+31.00 TO STA. 2+35.00	LT	8.50'
HILLSIDE AVE	STA. 2+71.00 TO STA. 9+51.00	LT	3.00'
HILLSIDE AVE	STA. 2+83.00 TO STA. 9+24.00	RT	2.00'

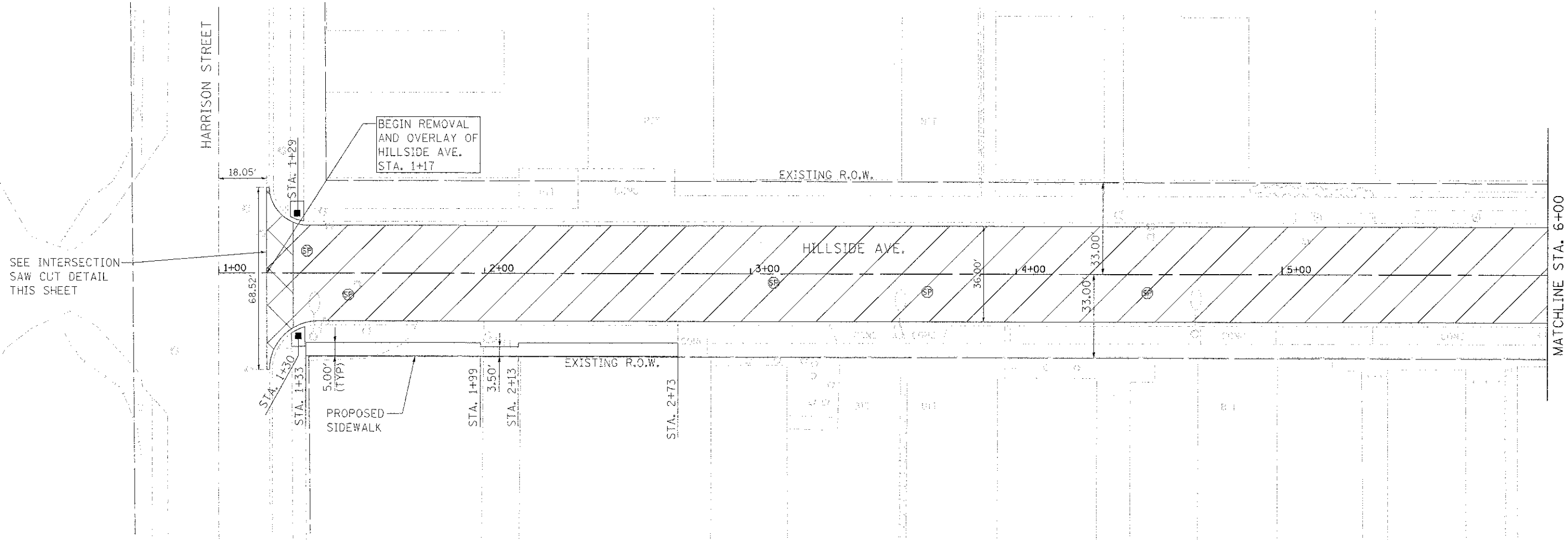
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DATE	DATE	DRAWN	DWP	REVISED
SCALE	CHECKED	DPA	REVISED	REVISED
DATE	DATE	05/02/2012	REVISED	REVISED

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

HILLSIDE AVENUE
 TYPICAL SECTIONS

SCALE: SHEET NO. 4 OF 14 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1062	12-00048-00-RS	COOK	24	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 63720	

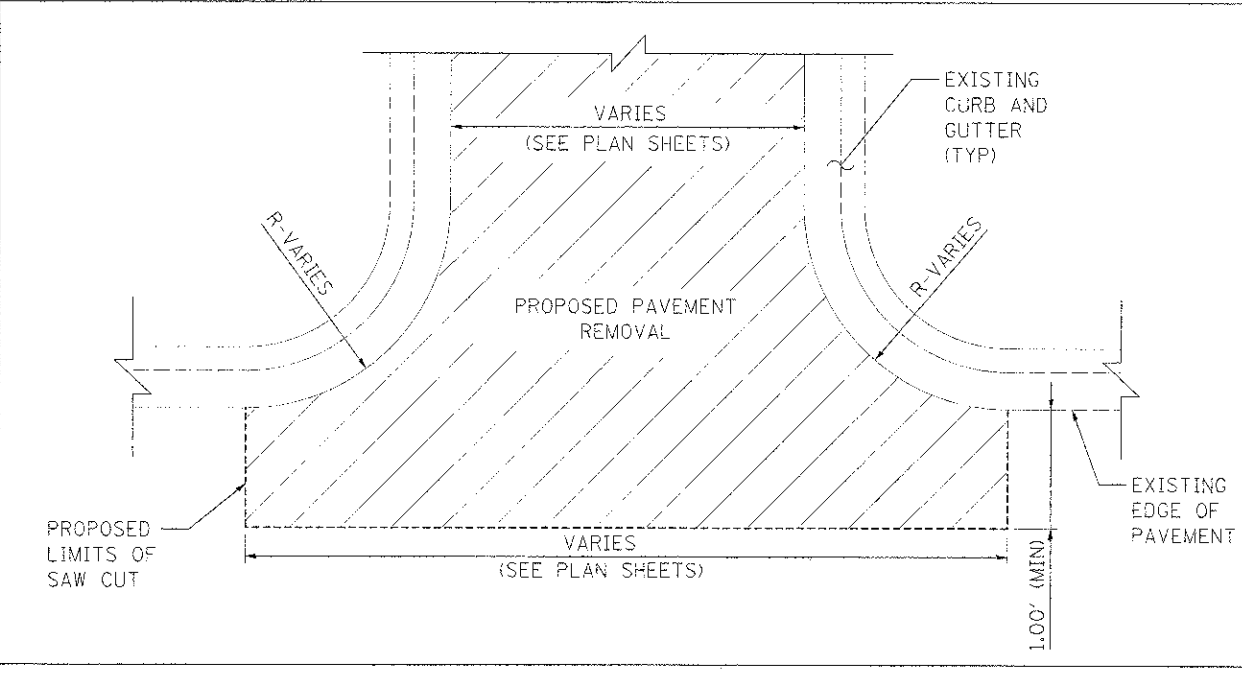


MATCHLINE STA. 6+00

SEE INTERSECTION SAW CUT DETAIL THIS SHEET

SEE SCHEDULE OF QUANTITIES FOR LOCATIONS OF SIDEWALK, DETECTABLE WARNINGS, HOT-MIX ASPHALT SURFACE REMOVAL (BUTT-JOINT), CURB AND GUTTER, & FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).

LOCATIONS OF THE PROPOSED IMPROVEMENTS SHOWN ARE APPROXIMATE. ACTUAL LOCATIONS AND LIMITS OF PROPOSED IMPROVEMENTS WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER AT THE TIME OF CONSTRUCTION.

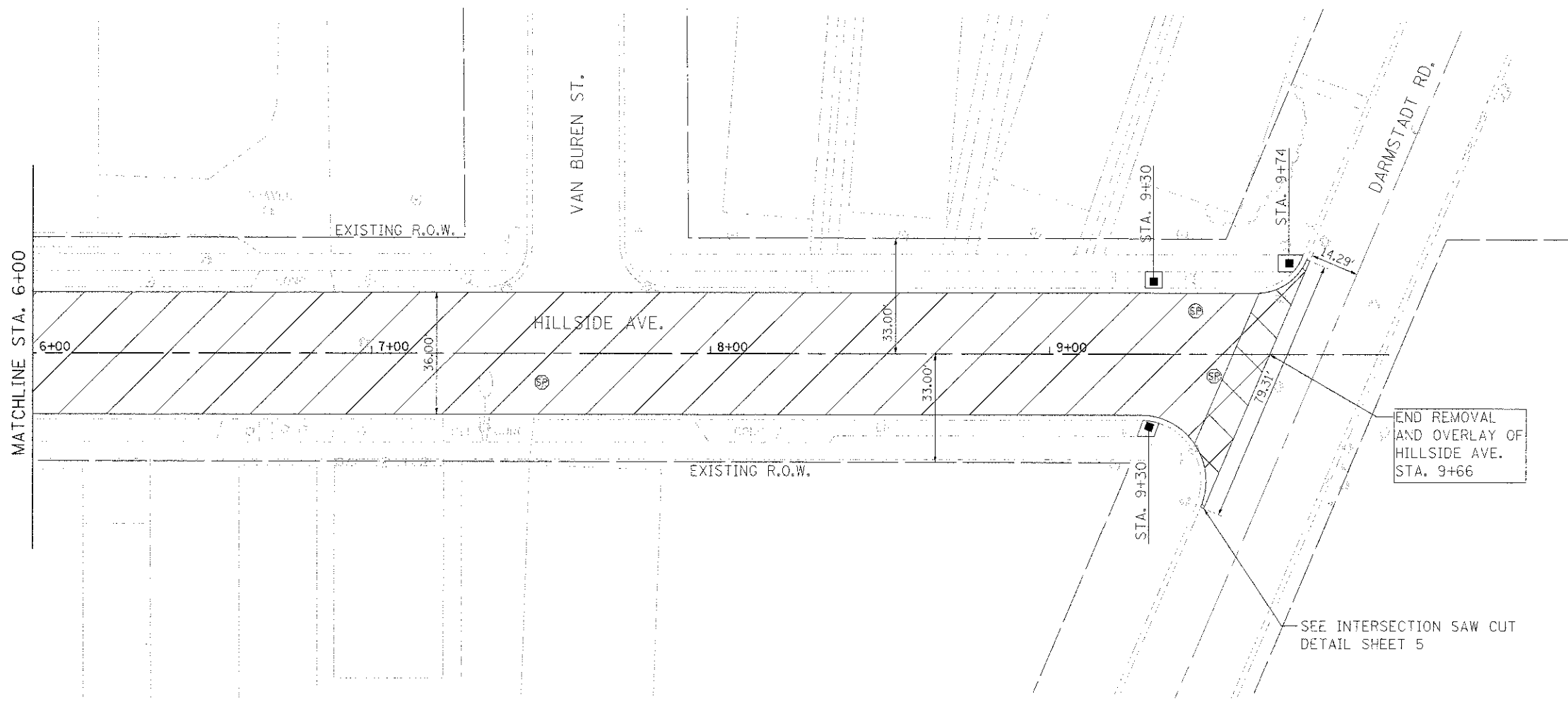


INTERSECTION SAW CUT DETAIL

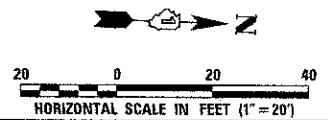
N.T.S.



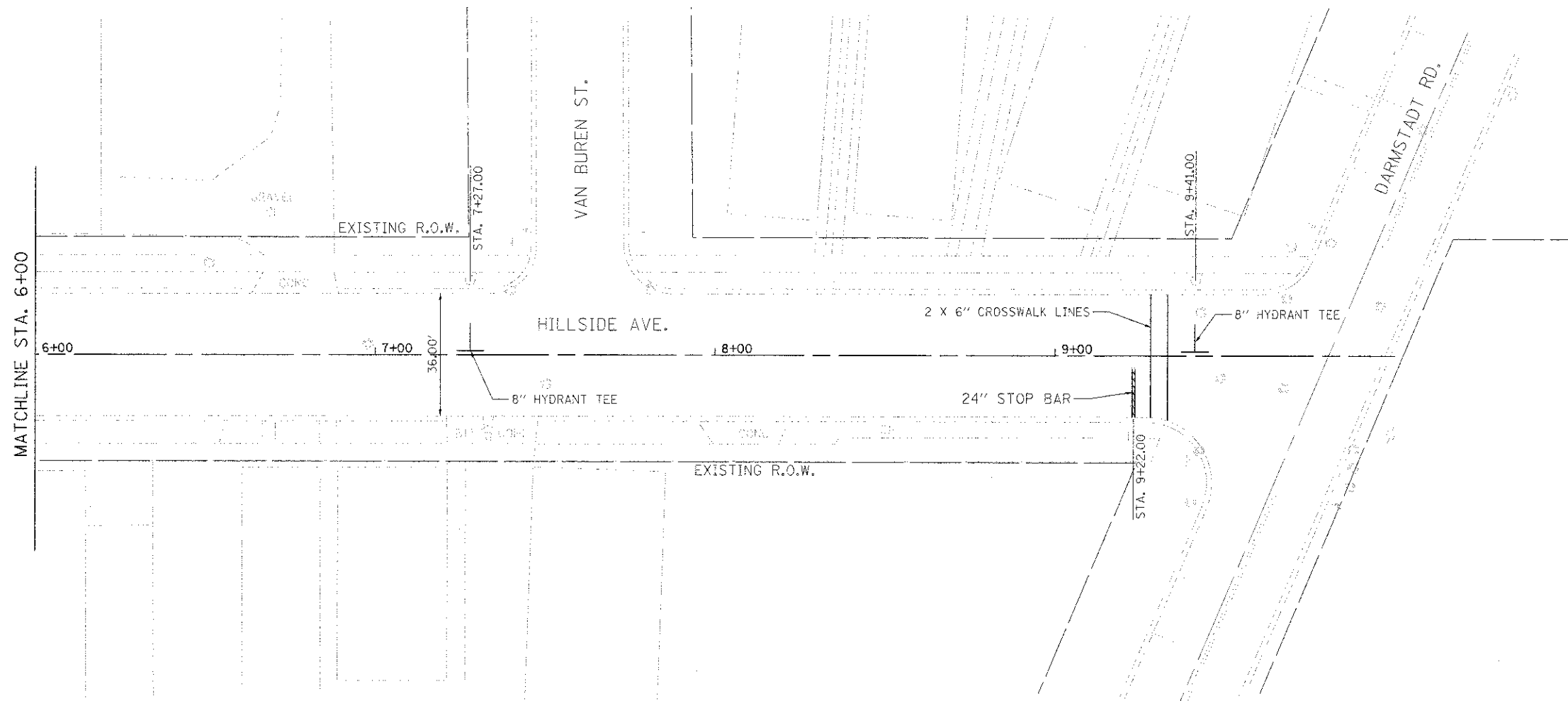
FILE NAME: P:\12-00048-00\12-00048-00-RS\12-00048-00-RS-06.dwg USER NAME: Peta-B1642 PLOT SCALE: 1"=20' PLOT DATE: 05/02/2012	DESIGNED: DWP DRAWN: DWP CHECKED: DPA DATE: 05/02/2012	REVISED: - REVISED: - REVISED: - REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HILLSIDE AVENUE PLAN	F.A.U. R.T.E.: 1062 SECTION: 12-00048-00-RS COUNTY: COOK TOTAL SHEETS: 14 SHEET NO.: 6 CONTRACT NO. 63720 ILLINOIS FED. AID PROJECT
	SCALE: 1" = 20' SHEET NO. 6 OF 14 SHEETS STA. 1+00 TO STA. 6+00				



LOCATIONS OF THE PROPOSED IMPROVEMENTS SHOWN ARE APPROXIMATE. ACTUAL LOCATIONS AND LIMITS OF PROPOSED IMPROVEMENTS WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER AT THE TIME OF CONSTRUCTION.

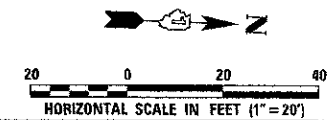


FILE NAME: \\s:\sub\1112007\CAD\Road\Sheet\63720-7.dwg PLOT SCALE: 1/2"=20'-0" PLOT DATE: 05/02/2012	DESIGNED: DWP DRAWN: DWP CHECKED: DPA DATE: 05/02/2012	REVISED: - REVISED: - REVISED: - REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HILLSIDE AVENUE PLAN	F.A.U. SECTION COUNTY TOTAL SHEET RTE. 1062 12-00048-00-RS COOK 14 7
	SCALE: 1" = 20' SHEET NO. 7 OF 14 SHEETS STA. 6+00 TO STA. 10+00				CONTRACT NO. 63720 ILLINOIS FED. AID PROJECT

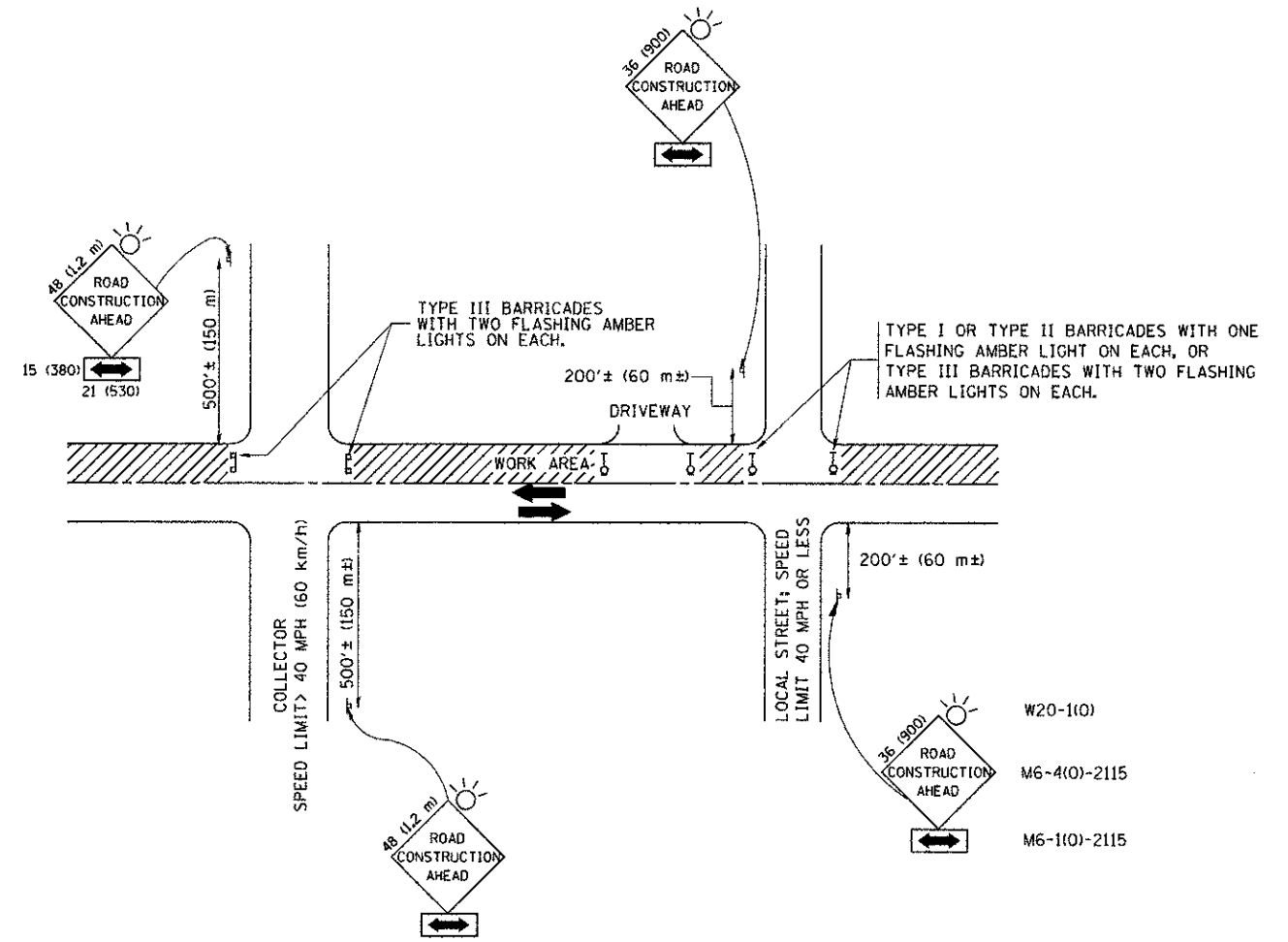


ALL CROSSWALK AND STOP BAR PAVEMENT MARKINGS SHALL IN ACCORDANCE WITH THE LATEST IDOT STANDARDS AND THE MUTCD. STOP BARS NEAR CROSSWALKS SHALL BE LOCATED 4 FEET OFF THE CROSSWALK MARKINGS.

LOCATIONS OF THE PROPOSED IMPROVEMENTS SHOWN ARE APPROXIMATE. ACTUAL LOCATIONS AND LIMITS OF PROPOSED IMPROVEMENTS WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER AT THE TIME OF CONSTRUCTION.



USER NAME : pctor22740 DRAWN : DWP CHECKED : DPA DATE : 05/02/2012	DESIGNED : DWP DRAWN : DWP CHECKED : DPA DATE : 05/02/2012	REVISED : - REVISED : - REVISED : - REVISED : -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HILLSIDE AVENUE PLAN	F.A.U. RTE. 1062 SECTION 12-00048-00-RS COUNTY COOK TOTAL SHEETS 14 SHEET NO. 9 CONTRACT NO. 63720
		SCALE: 1" = 20' SHEET NO. 9 OF 14 SHEETS STA. 6+00 TO STA. 10+00			



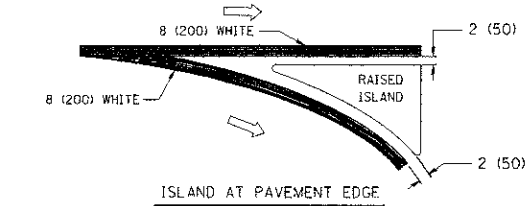
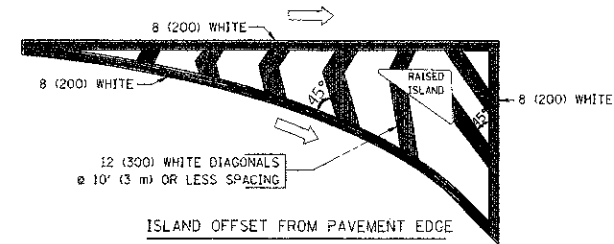
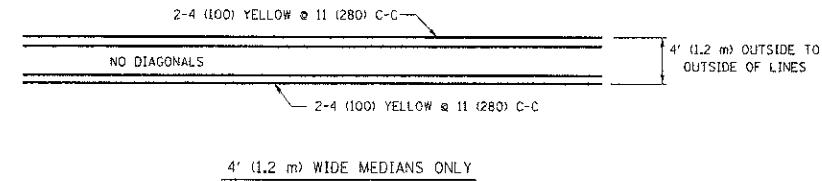
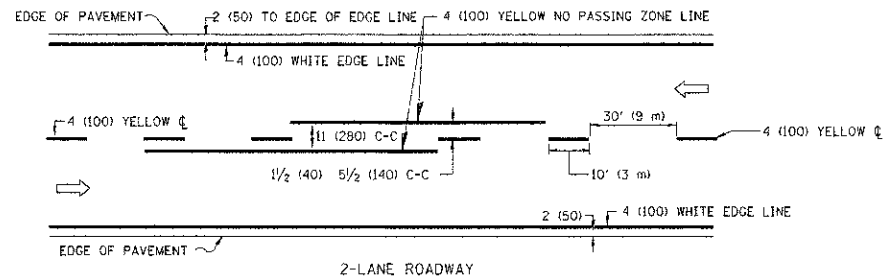
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

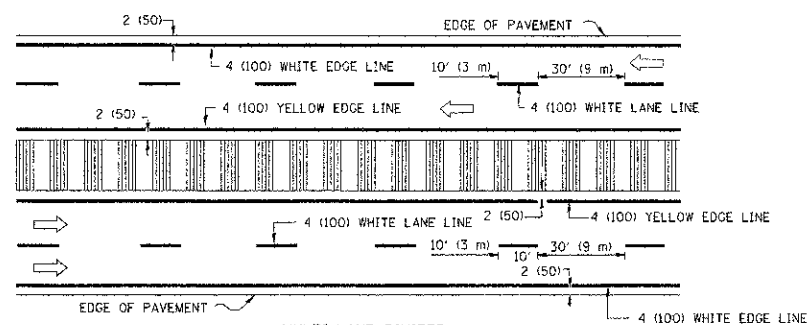
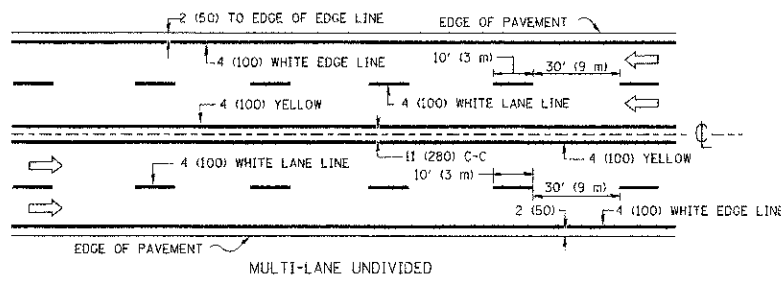
- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN 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 = W:\datastd\22x34\to18.dgn	USER NAME = gaglienob	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS		P.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED - A. HOUSEH 03-06-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	10E2	12-00048-00-RS	COOK	14 10
		PLOT SCALE = 50,000 / IN.	REVISED - A. HOUSEH 10-15-96		TC-10		CONTRACT NO. 63720					
		PLOT DATE = 1/4/2008	REVISED - T. RAMMACHER 01-06-00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

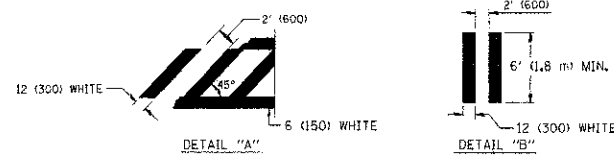
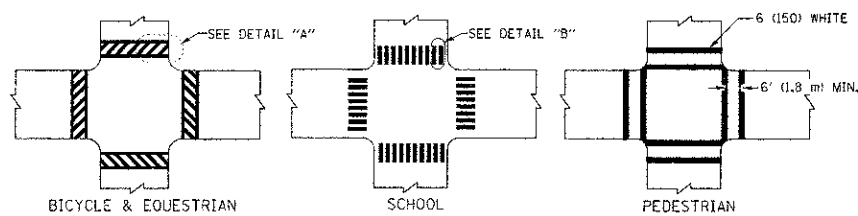


TYPICAL ISLAND MARKING

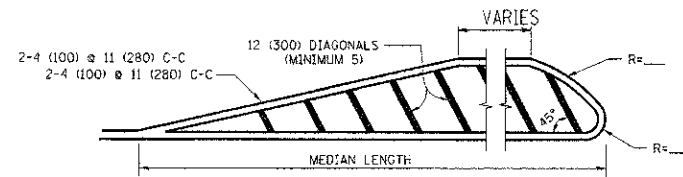


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



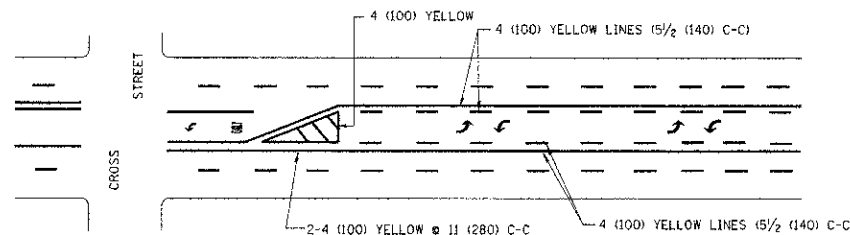
TYPICAL CROSSWALK MARKING



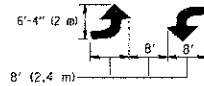
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

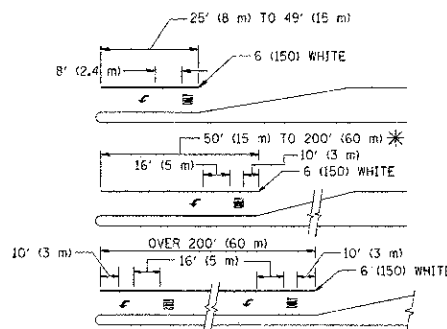


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 35.6 SQ. FT. (3.3 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

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))

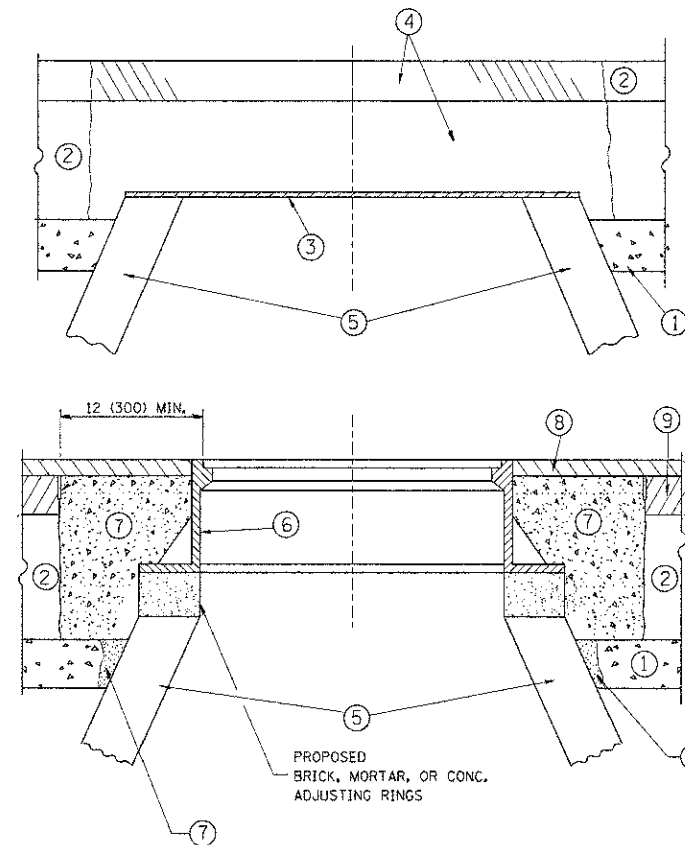
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

FILE NAME =	USER NAME = drvakosgn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
cs:\pwork\pmsdot\drvakosgn\d0100315\td	3.dgn	DRAWN -	REVISED - C. JUICIUS 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		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		1062	12-00048-00-RS	COOK	14	11
SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	
		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		CONTRACT NO. 63720		



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.

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

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.

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.

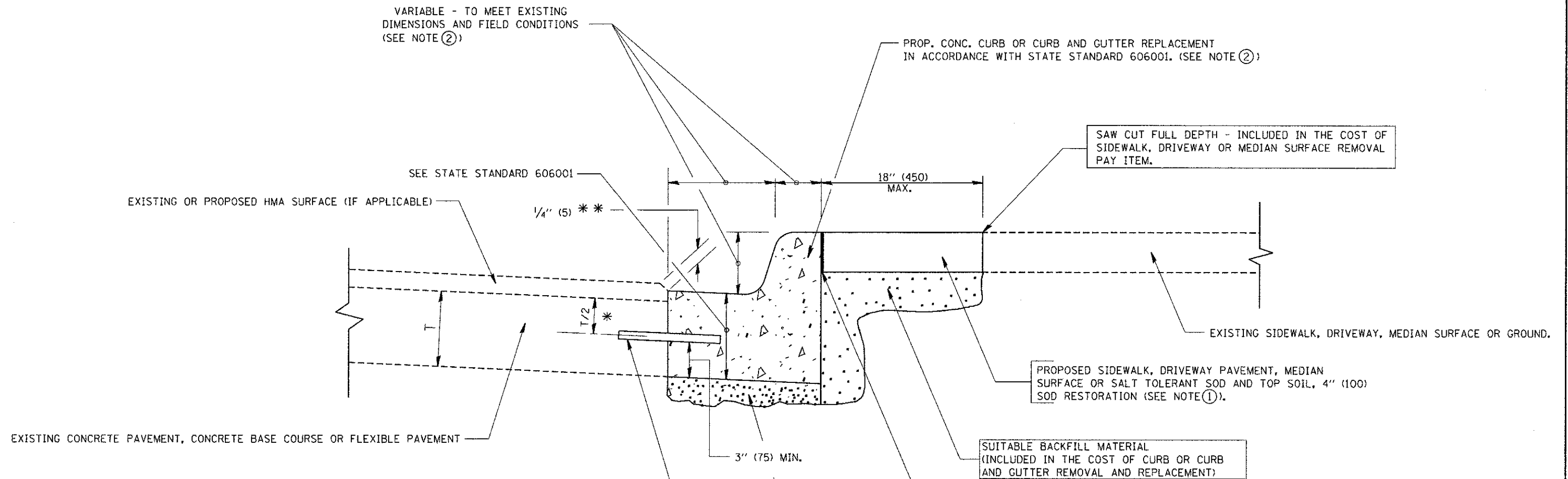
BASIS OF PAYMENT:

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.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = tegeo	DESIGNED - R. SHAH	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwwork\pwwork\tegeo\d2108315\bd08.dgn		DRAWN -	REVISED - R. WIEDEMAN 05-14-04			1062	12-00048-00-RS	COOK	14	12	
	PLOT SCALE = 49.5999 / IN.	CHECKED -	REVISED - R. BORO 01-01-07			BD600-03 (BD-8)		CONTRACT NO. 63720			
	PLOT DATE = 3/18/2011	DATE - 10-25-94	REVISED - R. BORO 03-09-11			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT



- * 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: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

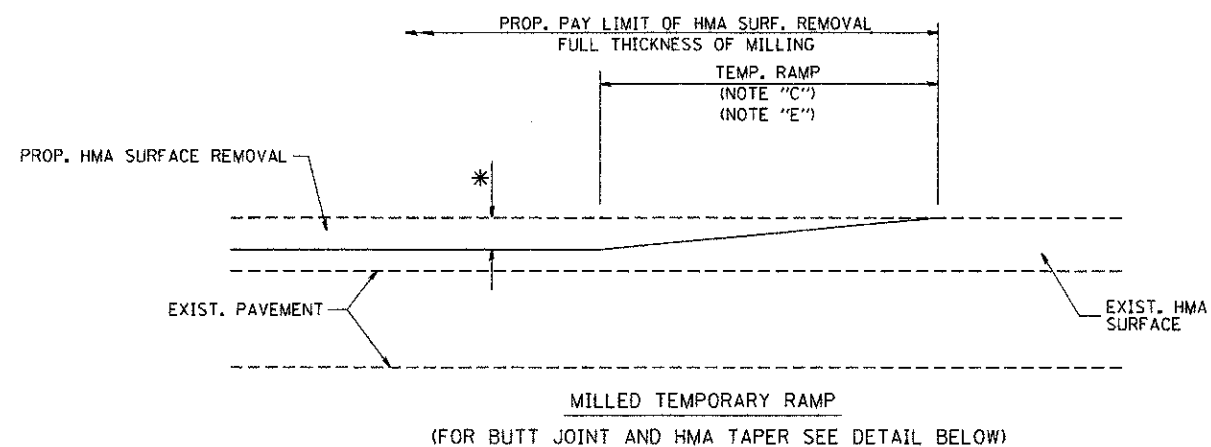
⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

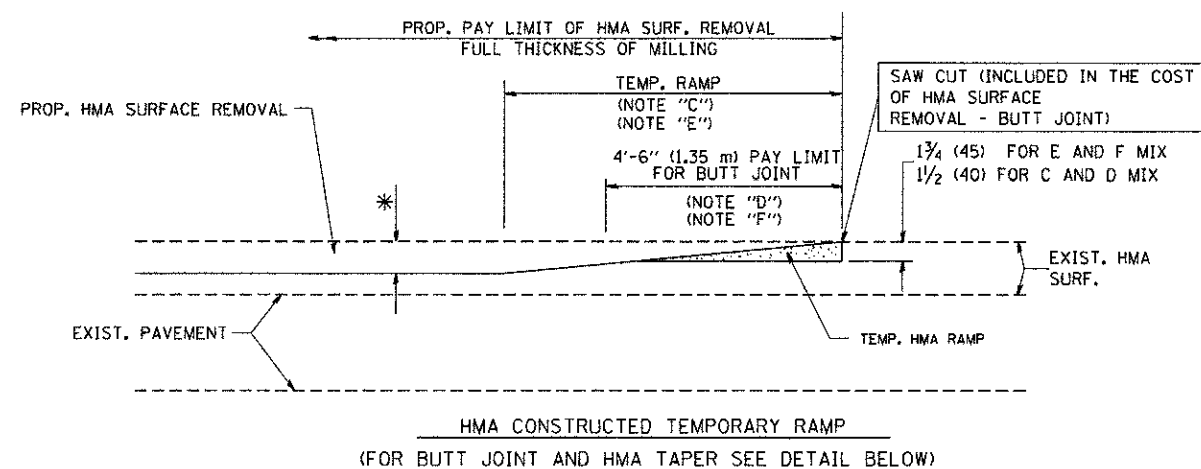
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME = W:\distrstd\22x34\bd24.dgn	USER NAME = geglennob	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.O. RTE. 1062	SECTION 12-00048-CO-RS	COUNTY COOK	TOTAL SHEETS 14	SHEET NO. 13
	PLOT SCALE = 60,000' / 1"	DRAWN -	REVISED - A. ABBAS 03-21-97			BD600-06 (BD-24)		CONTRACT NO. 63720		
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - M. GOMEZ 01-22-01		SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT
		DATE - 03-11-94	REVISED - R. BORO 01-01-07							

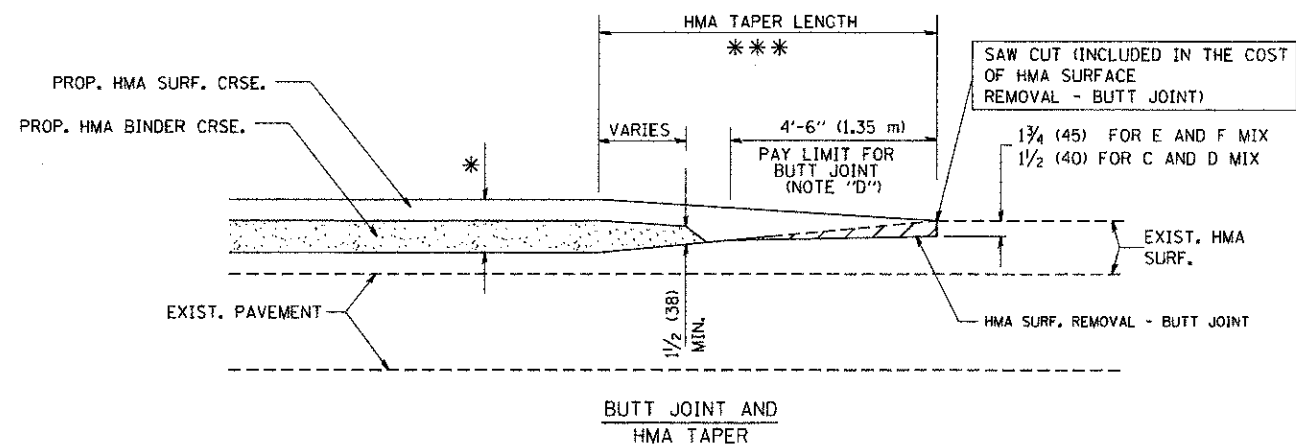


OPTION 1

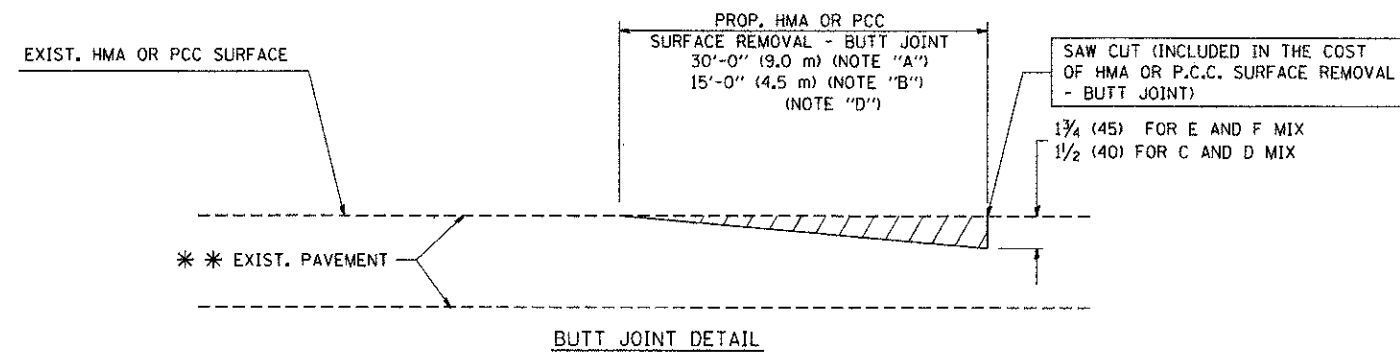


OPTION 2

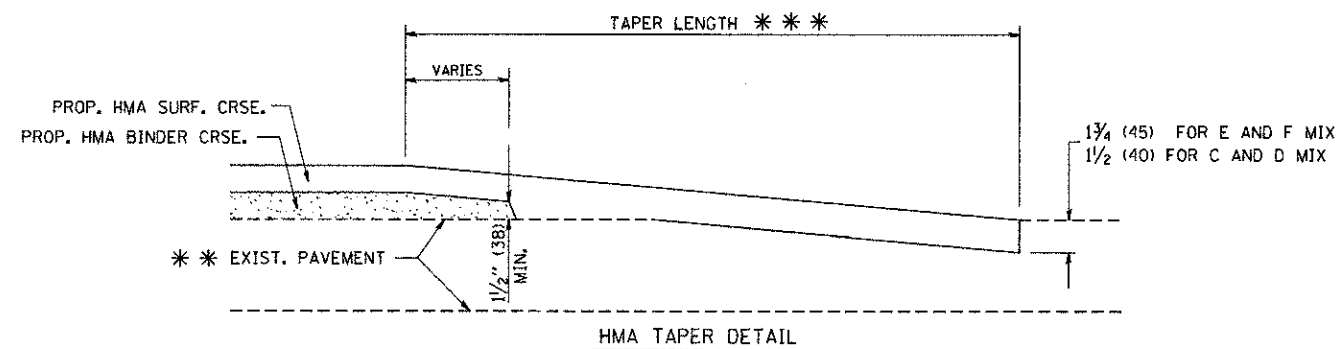
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



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.

FILE NAME = W:\distatd\22x34\bd32.dgn

USER NAME = gaglianobt
PLOT SCALE = 60.0000 "/ IN.
PLOT DATE = 1/4/2008

DESIGNED - M. DE YONG
DRAWN -
CHECKED -
DATE - 06-13-90

REVISED - R. SHAH 10-25-94
REVISED - A. ABBAS 03-21-97
REVISED - M. GOMEZ 04-06-01
REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

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

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1062	12-00048-00-RS	COOK	14	14
BD400-05 BD32			CONTRACT NO. 63720	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				