

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	1
		ILLINOIS	CONTRACT NO. 60Y92	

PROPOSED HIGHWAY PLANS

FAU 2612: (LEMONT ROAD)
BLUFF ROAD TO CASS STREET AND
FAU 1065: (ILLINOIS STREET)
NEW AVENUE TO MAIN STREET
SECTION: 2016-018RS
PROJECT: ACM-000V(081)
RESURFACING AND ADA RAMP
COOK COUNTY
C-91-036-15

FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

ADT:
LEMONT ROAD/STATE STREET 21,900 VPD (2014)
ILLINOIS STREET 10,400 VPD (2014)

POSTED SPEED LIMIT

LEMONT ROAD/STATE STREET 25-45 MPH
ILLINOIS STREET 25 MPH



LOCATION OF SECTION INDICATED THUS: - [black rectangle] -

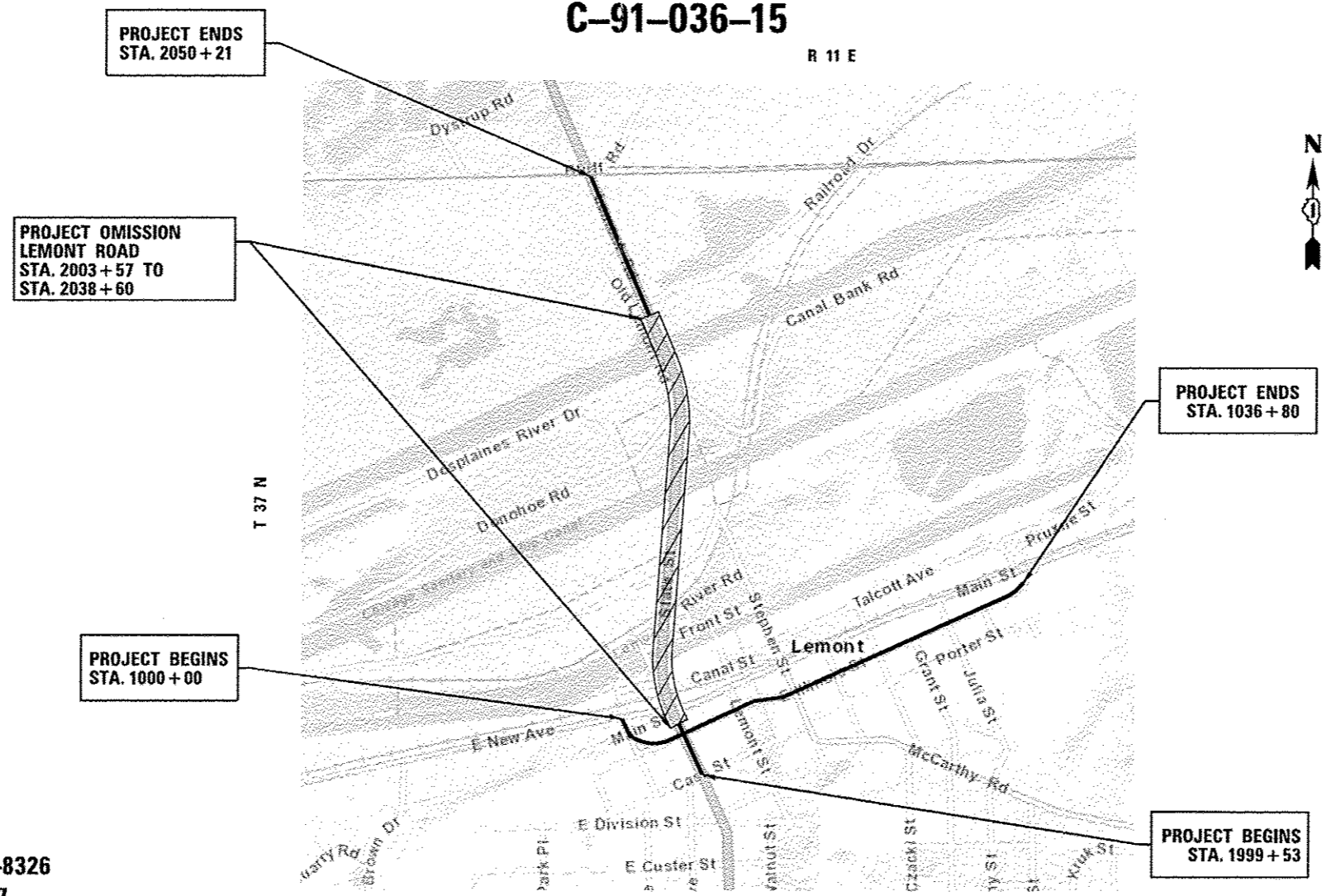
PROFESSIONAL ENGINEER'S SIGN & SEAL

Theodore E. Hamilton
THEODORE E. HAMILTON, P.E.
EXPIRES: 11-30-17

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

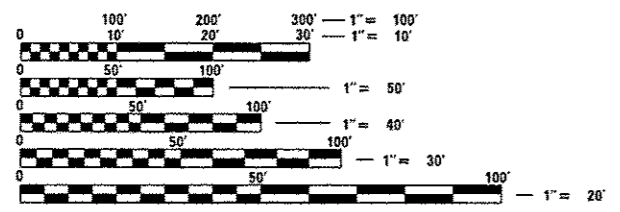
SUBMITTED *May 23, 2016*
John S. ... REGIONAL ENGINEER
Matthew M. Addis, P.E. ENGINEER OF DESIGN AND ENVIRONMENT
... DIRECTOR OF PROGRAM DEVELOPMENT

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



**PROJECT LOCATED IN THE
VILLAGE OF LEMONT**

420 NORTH FRONT STREET, SUITE 100 | MCHENRY, ILLINOIS 60050
Phone: 815.385.1778 | Toll Free: 800.728.7605 | Fax: 815.385.1781 | HRGreen.com
ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322



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 ENGINEER: BEN HARTMAN 815-759-8326
PROJECT MANAGER: KARI SMITH 847-705-4437

CONTRACT NO. 60Y92

LEMONT TOWNSHIP
LEMONT ROAD: GROSS LENGTH OF PROJECT = 5,068 FT (0.959 MI);
NET LENGTH OF PROJECT = 1,565 FT (0.296 MI)
ILLINOIS STREET: GROSS AND NET LENGTH OF PROJECT = 3,680 FT (0.697 MI)

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, LIST OF STATE STANDARDS, AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5-6	TYPICAL SECTIONS
7-9	ROADWAY PLAN
10-12	PAVEMENT MARKING PLAN
13-21	SIDEWALK RAMP DETAILS
22	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER < 15' (4.5 m) (BD-02)
23	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
24	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
25	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
26	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
27	HMA TAPER AT EDGE OF P.C.C. PAVEMENT (BD-33)
28	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
29	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)
30	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
31	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
32	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)
33	ARTERIAL ROAD INFORMATION SIGN (TC-22)
34	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)

LIST OF STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-08	PERPENDICULAR CURB RAMPS
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
604001-04	FRAME AND LIDS TYPE 1
604086-03	FRAME AND GRATE TYPE 23
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
701421-07	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >= 45 MPH TO 55 MPH
701427-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 OR (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).
- 10 FEET TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND CUTTER ITEMS OF WORK TO EXISTING CURBS AND GUTTERS AND CONDITIONS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF LEMONT.
- WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- SAW CUTTING OF PAVEMENTS, SIDEWALK, CURB & GUTTER, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM REMOVED.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1.5 INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).
- UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKING SHALL BE AS DIRECTED BY THE ENGINEER.
- PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKING ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKING TAPE TYPE III SHALL BE INCLUDED IN THE COST OF SHORT TERM PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO BEGINNING WORK.
- THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, AT (847) 715-8419 AT LEAST TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

GENERAL NOTES (CONTINUED)

- LOCATIONS OF PAVEMENT PATCHING AND CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE AS DETERMINED BY THE ENGINEER.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE THE "BUTT JOINT AND HMA TAPER DETAILS" INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- MATCH EXISTING PAVEMENT MARKINGS AT THE PROJECT LIMITS.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- IN VARIOUS LOCATIONS THROUGHOUT THE PROJECT, EXISTING ASPHALT OVERLAYS THE EXISTING CONCRETE GUTTER FLAG. REMOVAL OF ASPHALT ON THE GUTTER FLAG SHALL BE INCLUDED IN THE UNIT COST OF HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4 INCH.
- 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 ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: #21001122
 CLIENT: #21001122
 DATE PLOTTED: 5/20/2016 2:57:00 PM
 FILE NAME: D:\80192-4ht-rgn.dgn
 PLOT DRIVER: #21001122
 PEN TABLE: #21001122



USER NAME	#21001122	DESIGNED	- BH	REVISED	-
FILE NAME	D:\80192-4ht-rgn.dgn	DRAWN	- DMS	REVISED	-
PLOT SCALE	NTS	CHECKED	-	REVISED	-
PLOT DATE	5/20/2016	DATE	- 5/20/16	REVISED	-

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS & STATE STANDARDS

SCALE: NTS	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	F.A.U. RTE. 2612	SECTION 2016-018RS	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 2
			FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

CONTRACT NO. 60Y92

1 2 3 4 5
ILLINOIS ST LEMONT RD ILLINOIS ST ILLINOIS ST LEMONT RD

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	80% FEDERAL	80% FEDERAL	80% FEDERAL	80% FEDERAL	80% Fed
				20% STATE	20% STATE	10% STATE	20% VILLAGE	20% STATE
				COOK	COOK	COOK	COOK	COOK
20101700	SUPPLEMENTAL WATERING	UNIT	9	8	0	0	0	1
20200100	EARTH EXCAVATION	CU YD	134	49	83	0	0	2
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	198	178	0	0	0	20
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	3	3	0	0	0	0
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	3	3	0	0	0	0
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	3	3	0	0	0	0
25200110	SODDING, SALT TOLERANT	SQ YD	198	178	0	0	0	20
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	19,964	10,156	7,014	1,703	0	1,091
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	61	30	21	6	0	4
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1,520	775	588	119	0	38
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	300	182	118	0	0	0
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	221	96	93	0	0	32
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	80	48	0	0	32	0
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2,503	1,264	891	212	0	136
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5,387	4,900	0	0	0	487
42400800	DETECTABLE WARNINGS	SQ FT	424	382	0	0	0	42
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	11,661	9,570	0	2,091	0	0
44000600	SIDEWALK REMOVAL	SQ FT	5,387	4,900	0	0	0	487
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SQ YD	352	212	0	0	140	0

ILLINOIS ST LEMONT RD ILLINOIS ST ILLINOIS ST LEMONT RD

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	80% FEDERAL	80% FEDERAL	80% FEDERAL	80% FEDERAL	80% Fed
				20% STATE	20% STATE	10% STATE	20% VILLAGE	20% STATE
				COOK	COOK	COOK	COOK	COOK
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	6,793	0	6,793	0	0	0
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	142	71	51	0	13	7
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	282	141	102	0	25	14
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	423	212	152	0	38	21
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	564	282	203	0	51	28
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	198	0	198	0	0	0
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2	0	0	0	0
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	2	2	0	0	0	0
60266600	VALVE BOXES TO BE ADJUSTED	EACH	16	0	0	0	0	16
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	18	13	0	0	0	5
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	60	60	0	0	0	0
* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1	0	0	0	0
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3	0	0	0	0
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6	0	0	0	0
67100100	MOBILIZATION	LSUM	1	0.5	0.3	0.1	0.0	0.1
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	LSUM	1	1	0	0	0	0
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	0.5	0.3	0.1	0.0	0.1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1	0	0	0	0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,543	651	522	283	0	87

* SPECIALTY ITEMS
△ NON-PARTICIPATING

COMPANY NAME: HRGreen.com
PROJECT CONTACT: HRGreen.com
CLIENT: HRGreen.com
DATE PLOTTED: 5/31/2016 10:58 AM
FILE NAME: ILLINOIS ST LEMONT RD
PLOT DRIVER: HPGL2
PLOT TABLE: HRGreen.com



USER NAME = tye1ton	DESIGNED - BH	REVISED -
FILE NAME = DISBY92-shr-sum-01.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = NTS	CHECKED -	REVISED -
PLOT DATE = 5/31/2016	DATE = 5/31/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 2612	SECTION 2016-018RS	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 3
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y92	

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	80% FEDERAL	80% FEDERAL	80% FEDERAL	80% FEDERAL	80% FED
				20% STATE	20% STATE	10% STATE	20% VILLAGE	20% STATE
				0005	0005	0005	0005	0005
				COOK	COOK	COOK	COOK	COOK
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	8,734	3,431	2,925	1,979	0	399
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	553	334	146	0	0	73
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	9,358	4,016	4,737	0	0	605
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3,149	1,995	964	0	0	190
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	2,868	42	0	2,826	0	0
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	198	84	114	0	0	0
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	272	272	0	0	0	0
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	553	334	146	0	0	73
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9,358	4,016	4,737	0	0	605
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3,149	1,995	964	0	0	190
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2,868	42	0	2,826	0	0
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	198	84	114	0	0	0
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	272	272	0	0	0	0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	225	60	136	0	0	29
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	171	60	82	0	0	29
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1	0	0	0	0
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	716	331	385	0	0	0
89502376	REBUILD EXISTING HANDHOLE	EACH	7	7	0	0	0	0

PAYCODE	ITEM DESCRIPTION	UNIT	TOTAL	80% FEDERAL	80% FEDERAL	80% FEDERAL	80% FEDERAL	80% FED
				20% STATE	20% STATE	10% STATE	20% VILLAGE	20% STATE
				0005	0005	0005	0005	0005
				COOK	COOK	COOK	COOK	COOK
X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SO YD	1,712	1,174	0	0	0	538
X4406030	PARTIAL DEPTH REMOVAL, TYPE I, 3"	SO YD	190	75	88	0	0	27
X4406230	PARTIAL DEPTH REMOVAL, TYPE II, 3"	SO YD	380	150	176	0	0	54
X4406430	PARTIAL DEPTH REMOVAL, TYPE III, 3"	SO YD	570	225	264	0	0	81
X4406630	PARTIAL DEPTH REMOVAL, TYPE IV, 3"	SO YD	760	300	352	0	0	108
X4421000	PARTIAL DEPTH PATCHING	TON	327	129	151	0	0	47
△ X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	500	500	0	0	0	0
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	27	27	0	0	0	0
XZ043900	PREFORMED JOINT FILLER REMOVAL	FOOT	2,408	1,125	880	0	0	403
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	576	522	0	0	0	54
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	0.5	0.3	0.1	0.0	0.1
△ Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	20	20	0	0	0	0
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	103	103	0	0	0	0

* SPECIALTY ITEMS
 △ NON-PARTICIPATING

* SPECIALTY ITEMS
 △ NON-PARTICIPATING

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: [Name]
 DATE PLOTTED: 5/31/2016 12:17 PM
 FILE NAME: 0160Y92-01-01.dgn
 PLOT DRIVER: [Name]
 PLOT TABLE: [Name]

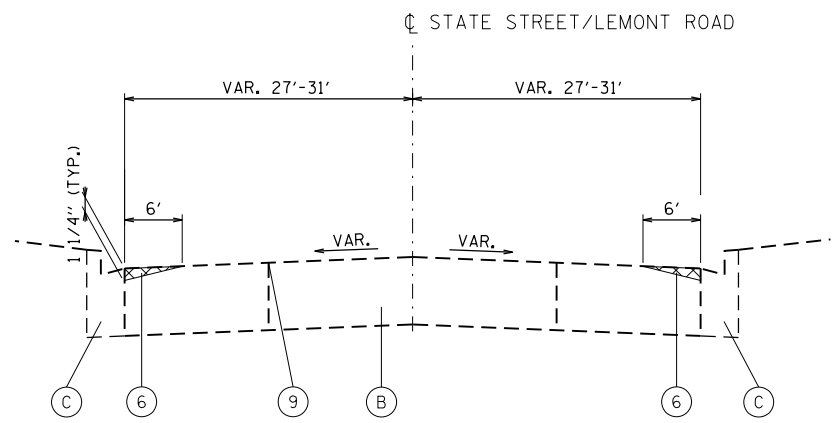


USER NAME: wjelson	DESIGNED: BH	REVISED: -
FILE NAME: 0160Y92-01-01.dgn	DRAWN: DMS	REVISED: -
PLOT SCALE: NTS	CHECKED: -	REVISED: -
PLOT DATE: 5/31/2016	DATE: 5/31/16	REVISED: -

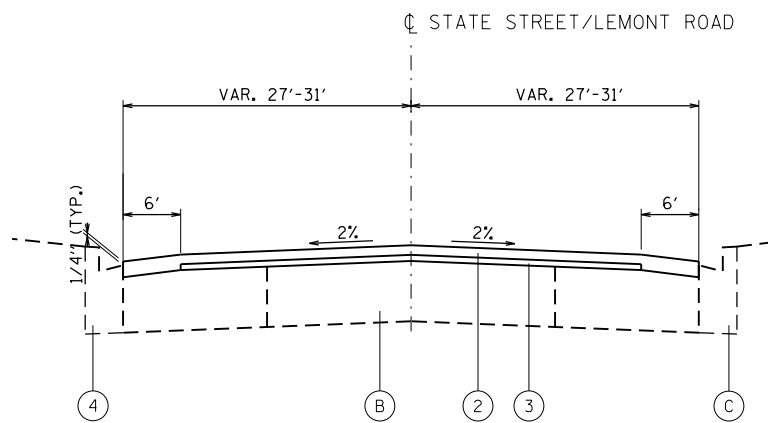
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	F.A.U. RTE. 2612	SECTION 2016-018R5	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 4
			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60Y92		

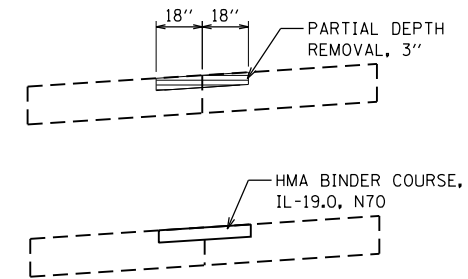


EXISTING TYPICAL SECTION
STA. 1999+53 TO STA. 2003+57



PROPOSED TYPICAL SECTION
STA. 1999+53 TO STA. 2003+57

DETAIL A
LONGITUDINAL JOINT REPAIR (TYP.)
(LOCATIONS TO BE DETERMINED BY ENGINEER)

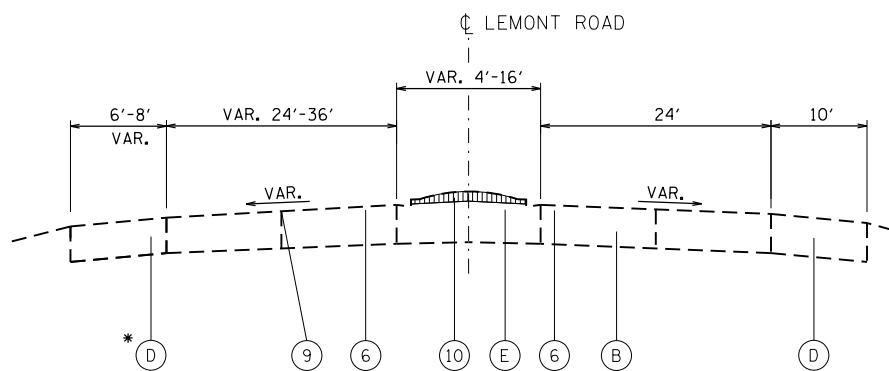


EXISTING CONDITIONS

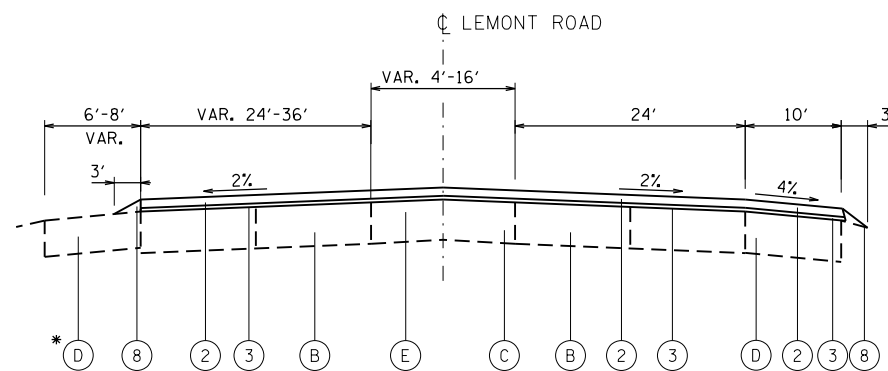
- (A) HOT-MIX ASPHALT RESURFACING, ±4"
- (B) PCC PAVEMENT, 10"±
- (C) COMBINATION CONCRETE CURB AND GUTTER
- (D) HOT-MIX ASPHALT SHOULDER/AGGREGATE SHOULDER
- (E) MEDIAN (TYPE VARIES)

PROPOSED IMPROVEMENTS

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 1 1/2"
- (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
- (4) COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT (AT LOCATIONS AS DETERMINED BY THE ENGINEER)
- (5) EXISTING HOT-MIX ASPHALT SURFACE AFTER PROPOSED SURFACE REMOVAL
- (6) PORTLAND CEMENT CONCRETE SURFACE REMOVAL, VARIABLE DEPTH
- (7) MEDIAN REMOVAL PARTIAL DEPTH
- (8) AGGREGATE WEDGE SHOULDER, TYPE B
- (9) PARTIAL DEPTH PATCH (AT LOCATIONS AS DETERMINED BY THE ENGINEER)



EXISTING TYPICAL SECTION
STA. 2038+60 TO STA. 2046+51



PROPOSED TYPICAL SECTION
STA. 2038+60 TO STA. 2046+51

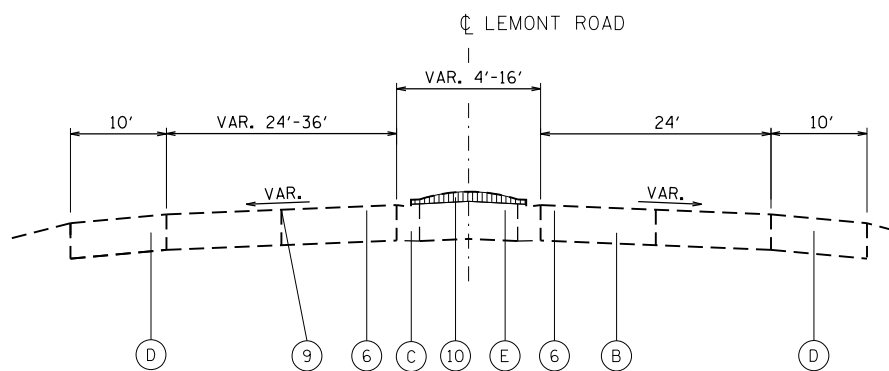
* EX. CURB AND GUTTER
LOCATED FROM STA 2042+89
TO STA 2046+11

* EX. CURB AND GUTTER
LOCATED FROM STA 2042+89
TO STA 2046+11

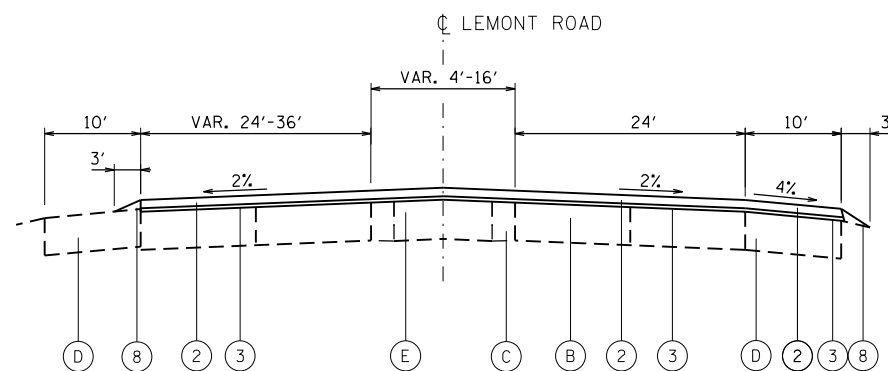
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ N _{DES}	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm)	4% @ 70 GYR.	QMP
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	3.5% @ 50 GYR.	QMP
PATCHING		
CLASS D PATCHES (HMA BINDER, IL-19mm)	4% @ 70 GYR.	QC/OA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR.	QC/OA
PARTIAL DEPTH PATCHING (HMA BINDER IL-19mm)	4% @ 70 GYR.	QC/OA
DRIVEWAYS		
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5mm); 1 1/2"	4% @ 50 GYR.	QC/OA
SHOULDERS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL-9.5mm); 2"	4% @ 70 GYR.	QMP
HMA SHOULDERS (HMA BINDER IL-19mm); 6"	4% @ 70 GYR.	QC/OA

QMP DESIGNATIONS: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA)
QUALITY CONTROL FOR PERFORMANCE (QCP)



EXISTING TYPICAL SECTION
STA. 2046+51 TO STA. 2049+85
STA. 2049+85 TO STA. 2050+21 **



PROPOSED TYPICAL SECTION
STA. 2046+51 TO STA. 2049+85
STA. 2049+85 TO STA. 2050+21 **

** STA 2049+85 TO STA 2050+21
EXISTING PAVEMENT RESURFACED

- INDICATES HMA SURFACE REMOVAL
- INDICATES PCC SURFACE REMOVAL, VARIABLE DEPTH
- INDICATES MEDIAN REMOVAL PARTIAL DEPTH

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SO 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 "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

NOTE:

THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING. SEE DISTRICT 1 DETAIL PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT.

COMPANY NAME: HRGreen
PROJECT CONTACT: HRGreen.com
DATE PLOTTED: 5/27/2016 12:08:13 PM
FILE NAME: D:\6092\ent\typical-01.dgn
PLOT DRIVER: ILpdf.plt
PEN TABLE: plot.tbl



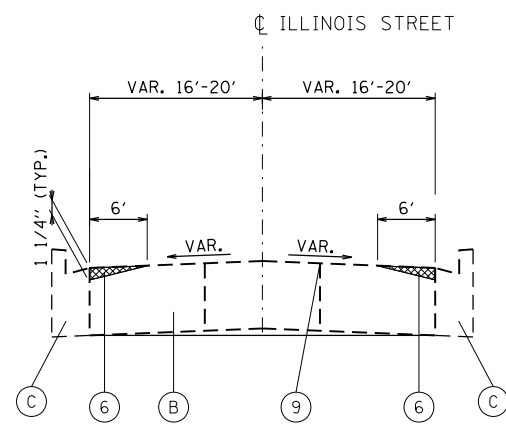
USER NAME = thomit	DESIGNED - BH	REVISED -
FILE NAME = D:\6092\ent\typical-01.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = NTS	CHECKED -	REVISED -
PLOT DATE = 5/21/2016	DATE - 5/21/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

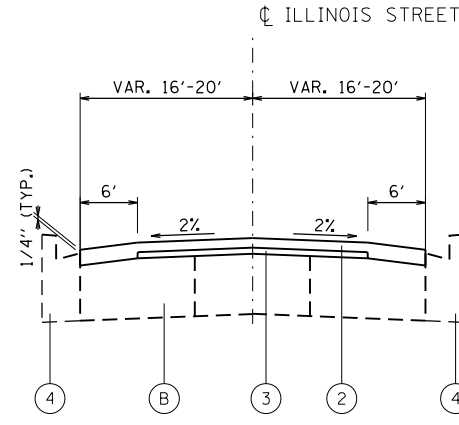
EXISTING & PROPOSED TYPICAL SECTIONS
STATE STREET / LEMONT ROAD

SCALE: NTS SHEET NO. 1 OF 2 SHEETS STA. TO STA.

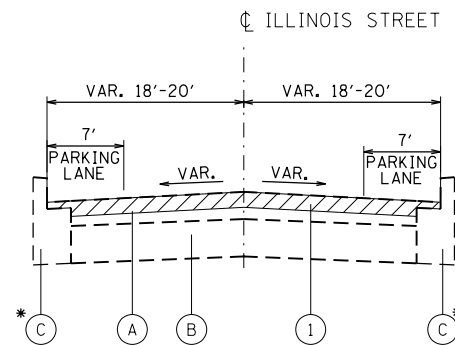
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	5
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60Y92	



EXISTING TYPICAL SECTION
STA. 1000+00 TO STA. 1008+80

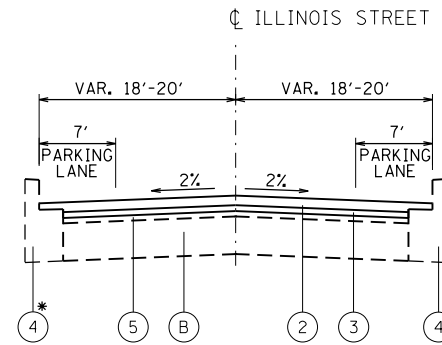


PROPOSED TYPICAL SECTION
STA. 1000+00 TO STA. 1008+80

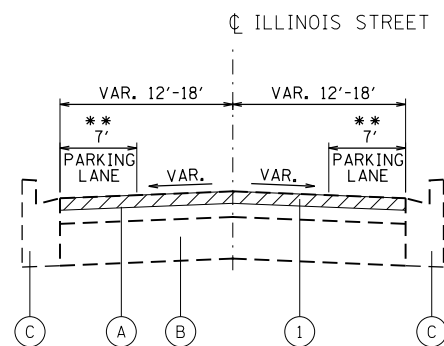


EXISTING TYPICAL SECTION
STA. 1008+80 TO STA. 1026+00

* GUTTER FLAG OVERLAID
STA 1008+80 TO 1026+00

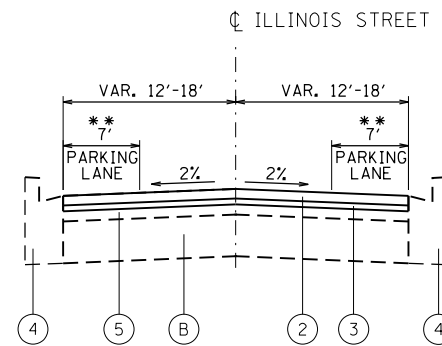


PROPOSED TYPICAL SECTION
STA. 1008+80 TO STA. 1026+00



EXISTING TYPICAL SECTION
STA. 1026+00 TO STA. 1036+80

** PARKING LANE ENDS
STA 1029+40



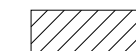
PROPOSED TYPICAL SECTION
STA. 1026+00 TO STA. 1036+80

EXISTING CONDITIONS

- (A) HOT-MIX ASPHALT RESURFACING, ±4"
- (B) PCC PAVEMENT, 10"±
- (C) COMBINATION CONCRETE CURB AND GUTTER
- (D) HOT-MIX ASPHALT SHOULDER/AGGREGATE SHOULDER
- (E) MEDIAN (TYPE VARIES)

PROPOSED IMPROVEMENTS

- (1) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (2) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70; 1 1/2"
- (3) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
- (4) COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT (AT LOCATIONS AS DETERMINED BY THE ENGINEER)
- (5) EXISTING HOT-MIX ASPHALT SURFACE AFTER PROPOSED SURFACE REMOVAL
- (6) PORTLAND CEMENT CONCRETE SURFACE REMOVAL, VARIABLE DEPTH
- (7) MEDIAN REMOVAL PARTIAL DEPTH
- (8) AGGREGATE WEDGE SHOULDER, TYPE B
- (9) PARTIAL DEPTH PATCH (AT LOCATIONS AS DETERMINED BY THE ENGINEER)



INDICATES HMA SURFACE REMOVAL



INDICATES PCC SURFACE REMOVAL, VARIABLE DEPTH



INDICATES MEDIAN REMOVAL PARTIAL DEPTH

COMPANY NAME: HRGreen.com
PROJECT CONTACT: #PROJECT CONTACT #
DATE PLOTTED: 5/27/2016 12:00:38 PM
FILE NAME: D:\6092\ent\typical-02.dgn
PLOT DRIVER: ILpdf.plt
PEN TABLE: plot.tbl



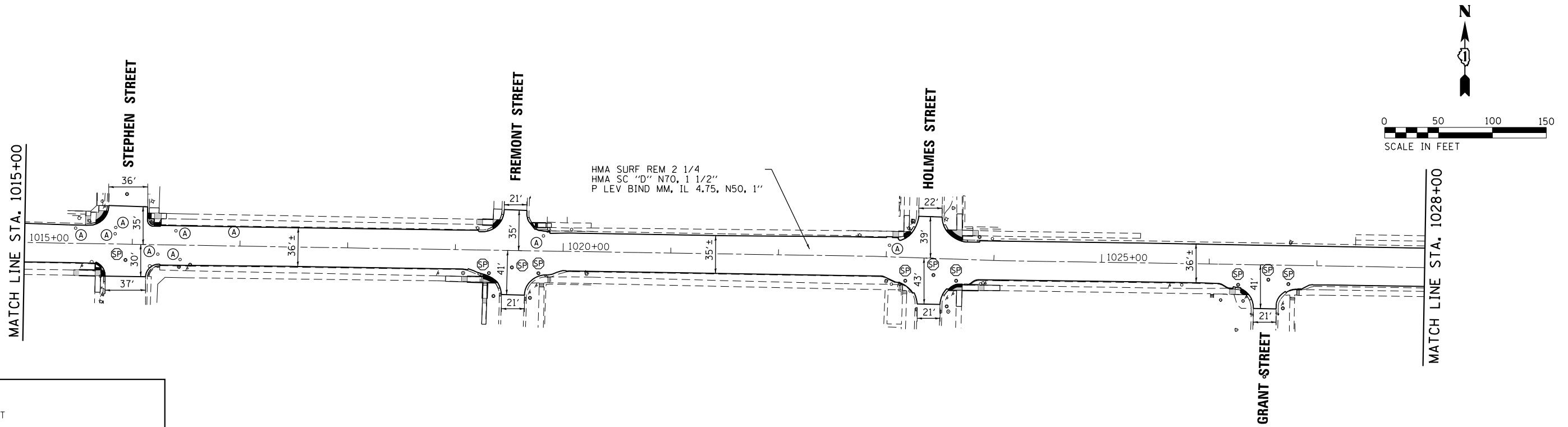
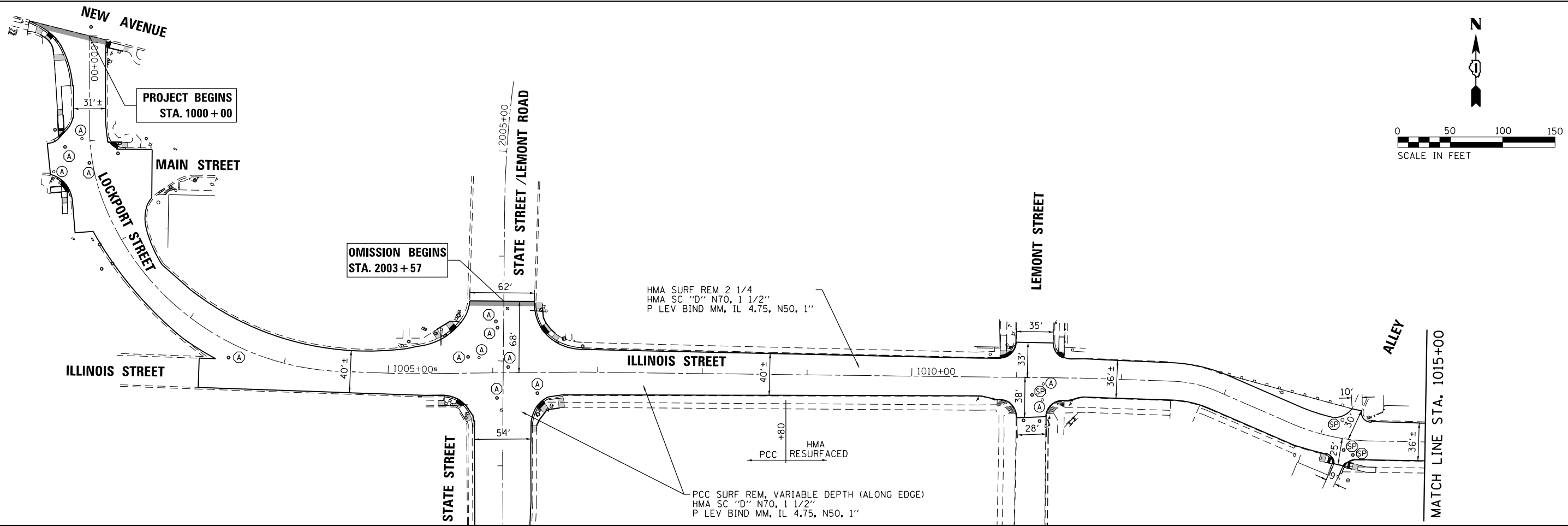
USER NAME = thomit	DESIGNED - BH	REVISED -
FILE NAME = D:\6092\ent\typical-02.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = NTS	CHECKED -	REVISED -
PLOT DATE = 5/21/2016	DATE - 5/21/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING & PROPOSED TYPICAL SECTIONS
ILLINOIS STREET

SCALE: NTS SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	6
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60Y92	



LEGEND

- EXISTING INLET
- EXISTING CATCH BASIN
- ⊙ EXISTING MANHOLE
- ⊕ FRAMES AND LIDS TO BE ADJUSTED, SPECIAL
- Ⓐ FRAMES AND LIDS TO BE ADJUSTED
- Ⓐ VALVE BOXES TO BE ADJUSTED

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: #PROJECTCONTACT#
 DATE PLOTTED: 6/9/2016 10:41:54 AM
 FILE NAME: D:\60992\ent-plan-01.dgn
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plotlabel.tbl



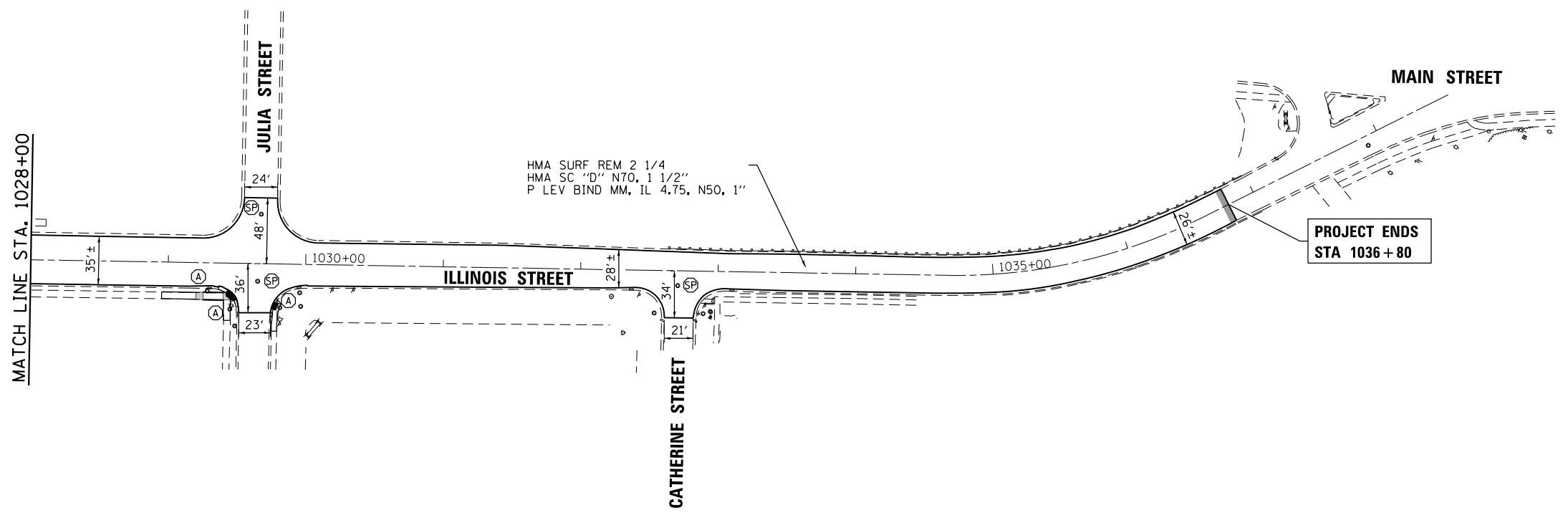
USER NAME = tyelton	DESIGNED - BH	REVISED -
FILE NAME = D:\60992\ent-plan-01.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 6/9/2016	DATE - 6/9/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
ILLINOIS STREET**

SCALE: 1" = 50' SHEET NO. 1 OF 3 SHEETS STA. 1000+00 TO STA. 1028+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	7
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y92	



LEGEND

- EXISTING INLET
- EXISTING CATCH BASIN
- EXISTING MANHOLE
- ⊕ FRAMES AND LIDS TO BE ADJUSTED, SPECIAL
- Ⓐ FRAMES AND LIDS TO BE ADJUSTED
- Ⓐ VALVE BOXES TO BE ADJUSTED

COMPANY NAME: #COMPANY NAME#
 PROJECT CONTACT: #PROJECT CONTACT#
 DATE PLOTTED: 5/27/2016 12:06:16 PM
 FILE NAME: D:\60Y92\ent-plan-02.dgn
 PLOT DRIVER: IL\pdf\bw\plc\fcfg
 PEN TABLE: plc\table.tbl



HRGreen.com
 Illinois Professional Design Firm
 #184-001322

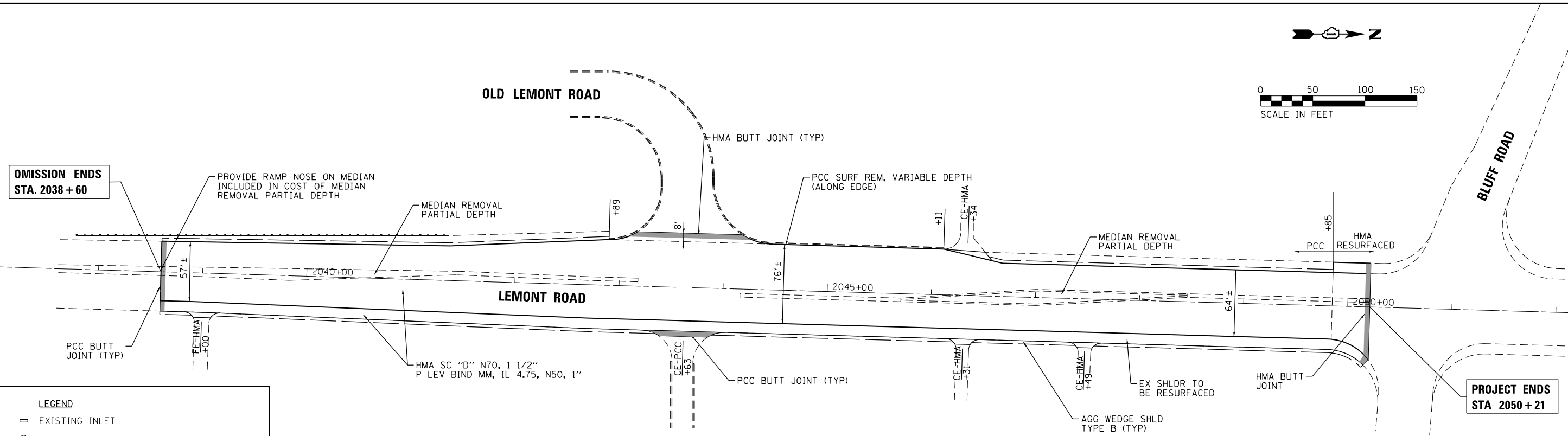
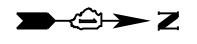
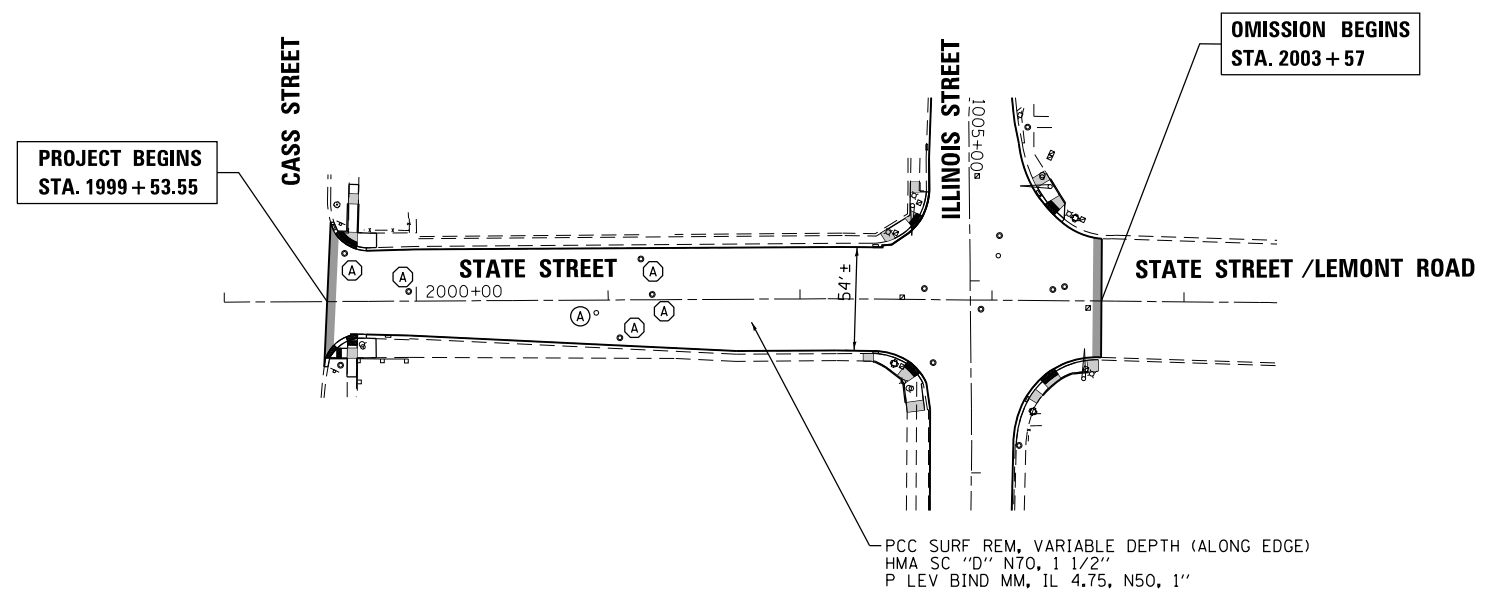
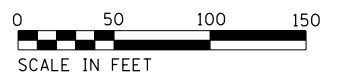
USER NAME = thomit	DESIGNED - BH	REVISED -
FILE NAME = D:\60Y92\ent-plan-02.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 5/21/2016	DATE - 5/21/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
 ILLINOIS STREET & STATE ST / LEMONT ROAD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	8
CONTRACT NO.			60Y92	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. 1028+00 TO STA. END



LEGEND

- EXISTING INLET
- EXISTING CATCH BASIN
- ⊙ EXISTING MANHOLE
- ⊕ FRAMES AND LIDS TO BE ADJUSTED, SPECIAL
- Ⓐ FRAMES AND LIDS TO BE ADJUSTED
- Ⓐ VALVE BOXES TO BE ADJUSTED

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 DATE PLOTTED: 5/22/2016 11:24:02 AM
 FILE NAME: D:\6092\shl-plan-03.dgn
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plot.tbl

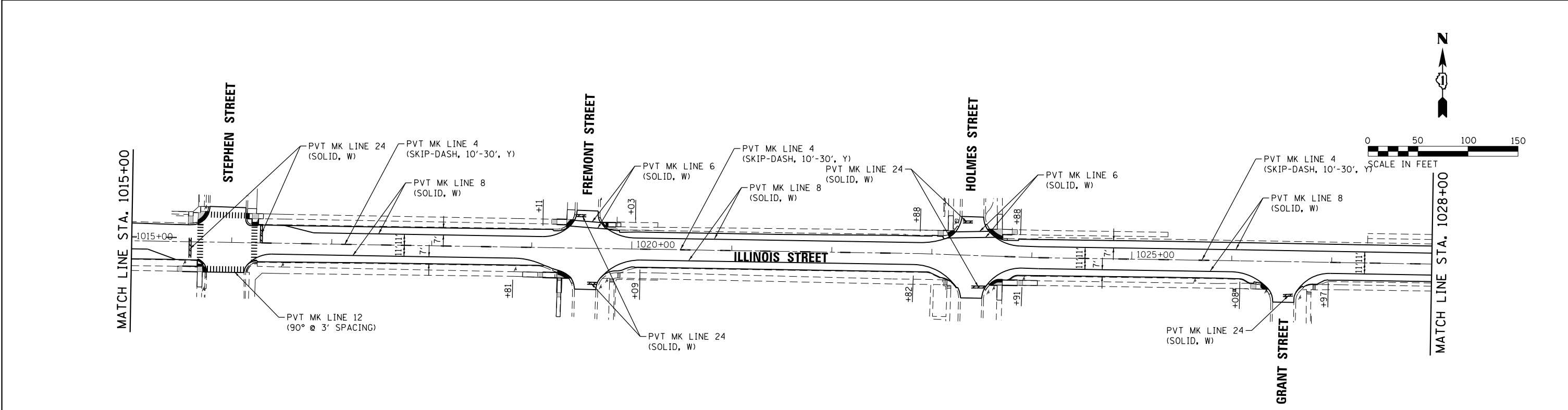
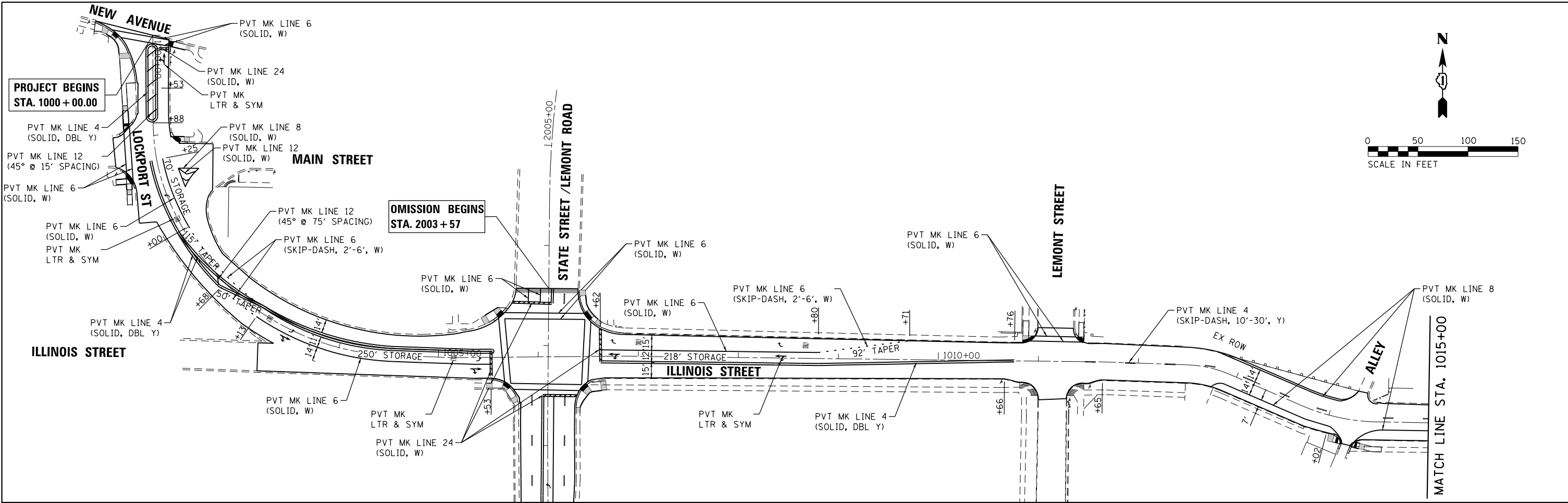


USER NAME = thomit	DESIGNED - BH	REVISED -
FILE NAME = D:\6092\shl-plan-03.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 5/22/2016	DATE - 5/22/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN	
ILLINOIS STREET & STATE ST / LEMONT ROAD	
SCALE: 1" = 50'	SHEET NO. 3 OF 3 SHEETS
STA. 1028+00	TO STA. END

F.A.U. RTE. 2612	SECTION 2016-018RS	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 9
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y92	



- NOTES:
1. USE THERMOPLASTIC PAVEMENT MARKINGS ON ALL HMA SURFACES.
 2. INSTALL PAVEMENT MARKINGS ACCORDING TO IDOT DISTRICT 1 STANDARD TC-13
 3. INSTALL RAISED REFLECTIVE PAVEMENT MARKERS ACCORDING TO IDOT DISTRICT 1 STANDARD TC-11

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 DATE PLOTTED: 6/9/2016 10:42:10 AM
 FILE NAME: D:\60Y92\ent\pmk-01.dgn
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plc-table.tbl



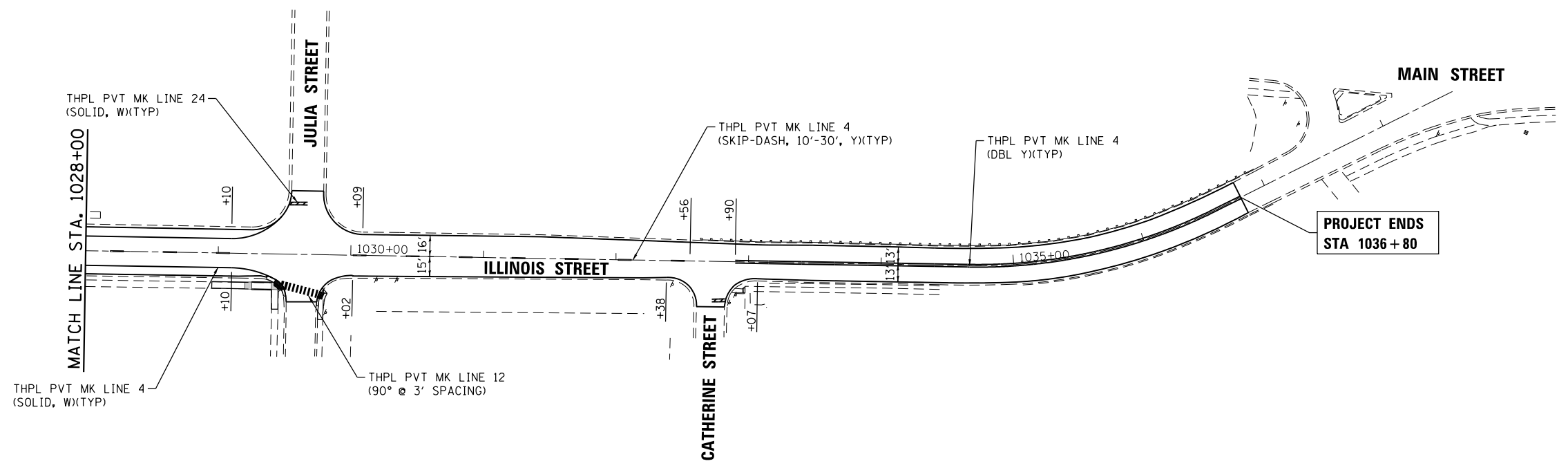
USER NAME = tyelton	DESIGNED - BH	REVISED -
FILE NAME = D:\60Y92\ent\pmk-01.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 6/9/2016	DATE - 6/9/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN
 ILLINOIS STREET**

SCALE: 1" = 50' SHEET NO. 1 OF 3 SHEETS STA. 1000+00 TO STA. 1028+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	10
CONTRACT NO. 60Y92				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



COMPANY NAME: #COMPANY NAME#
 PROJECT CONTACT: #PROJECT CONTACT#
 DATE PLOTTED: 5/20/2016 2:57:04 PM
 FILE NAME: D:\6092\2016\2016-02.dgn
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plotlabel.tbl



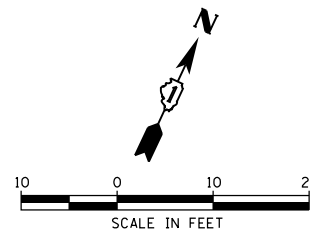
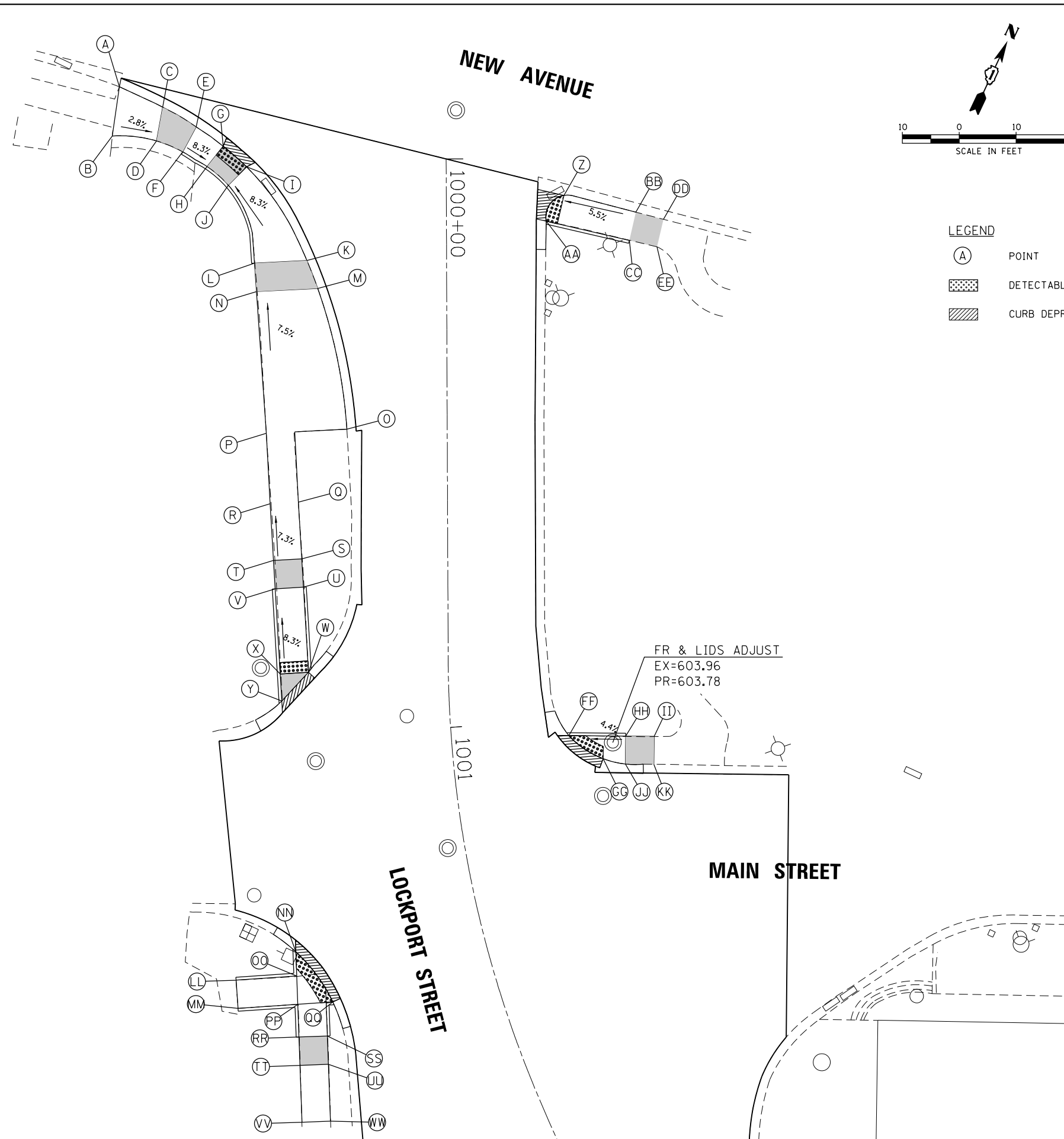
USER NAME = tyelton	DESIGNED - BH	REVISED -
FILE NAME = D:\6092\2016\2016-02.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 5/20/2016	DATE - 5/20/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
ILLINOIS STREET & STATE ST / LEMONT ROAD

SCALE: 1" = 50' SHEET NO. 2 OF 3 SHEETS STA. 1028+00 TO STA. END

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	11
CONTRACT NO.			60Y92	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



- LEGEND**
- (A) POINT
 - [Patterned Box] DETECTABLE WARNINGS
 - [Hatched Box] CURB DEPRESSION

POINT DESCRIPTION ILLINOIS STREET						
POINT	STATION	OFFSET	TOP OF CURB WALL	GUTTER FLOWLINE	SIDEWALK, DRIVEWAY, OR RAMP	REMARK
A	1000+00.0	57.4' RT			597.99(ex)	
B	1000+00.0	58.7' RT			598.26(ex)	
C	1000+00.0	49.8' RT			598.05	
D	1000+00.0	50.9' RT			598.12	
E	1000+00.0	43.9' RT			597.98	
F	1000+00.0	46.3' RT	598.05		598.05	
G	1000+00.0	39.2' RT			597.56(ex)	DT WARN
H	1000+01.2	42.1' RT	598.13		597.63	
I	1000+01.3	35.1' RT			597.53(ex)	DT WARN
J	1000+04.5	38.3' RT	598.10		597.60	
K	1000+17.8	24.6' RT			599.00	
L	1000+18.2	33.8' RT	598.83		598.83	
M	1000+22.7	22.7' RT			599.07	
N	1000+23.2	33.5' RT			598.90	
O	1000+47.5	17.6' RT			601.50(ex)	
P	1000+48.1	31.8' RT			600.77(ex)	
Q	1000+60.3	26.2' RT			601.53(ex)	
R	1000+60.5	31.2' RT			601.45(ex)	
S	1000+70.2	25.7' RT			602.25	
T	1000+70.5	30.7' RT			602.18	
U	1000+75.2	25.4' RT	602.32		602.32	
V	1000+75.5	30.4' RT	602.25		602.25	
W	1000+89.9	24.6' RT	603.99		603.49(ex)	DT WARN
X	1000+90.1	29.6' RT	603.99		603.49	DT WARN
Y	1000+94.3	29.4' RT	604.02		603.52(ex)	
Z	1000+06.5	20.7' LT			598.15(ex)	DT WARN
AA	1000+11.0	17.6' LT	598.74		598.24(ex)	DT WARN
BB	1000+09.5	33.3' LT			598.87	
CC	1000+14.5	32.2' LT	598.94		598.94	
DD	1000+10.8	38.2' LT			598.87(ex)	
EE	1000+15.6	37.0' LT			599.01(ex)	
FF	1001+03.1	20.6' LT	603.95		603.45(ex)	DT WARN
GG	1001+08.4	26.3' LT			603.55(ex)	DT WARN
HH	1001+04.2	30.6' LT	603.89		603.89	
II	1001+04.8	35.6' LT			603.96(ex)	
JJ	1001+10.0	30.1' LT			603.82	
KK	1001+10.7	35.0' LT			604.02(ex)	
LL	1001+34.5	44.2' RT	603.92		603.92(ex)	
MM	1001+38.5	45.1' RT	604.08		604.08(ex)	
NN	1001+32.5	32.8' RT	604.74		604.24(ex)	DT WARN
OO	1001+36.0	33.7' RT	605.10		604.60	
PP	1001+40.2	34.7' RT	605.51		605.01	
QQ	1001+41.3	28.7' RT	605.56		605.06(ex)	DT WARN
RR	1001+44.9	36.1' RT	605.49		605.49	
SS	1001+46.0	31.3' RT	605.42		605.42	
TT	1001+49.0	37.4' RT			605.57	
UU	1001+50.2	32.6' RT			605.50	
VV	1001+57.0	40.3' RT			606.99(ex)	
WW	1001+58.3	35.6' RT			606.92(ex)	

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen.com
 DATE PLOTTED: 6/9/2016 10:43:07 AM
 FILE NAME: D:\6092\ent-det-swamps-01.dgn
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plot.tbl



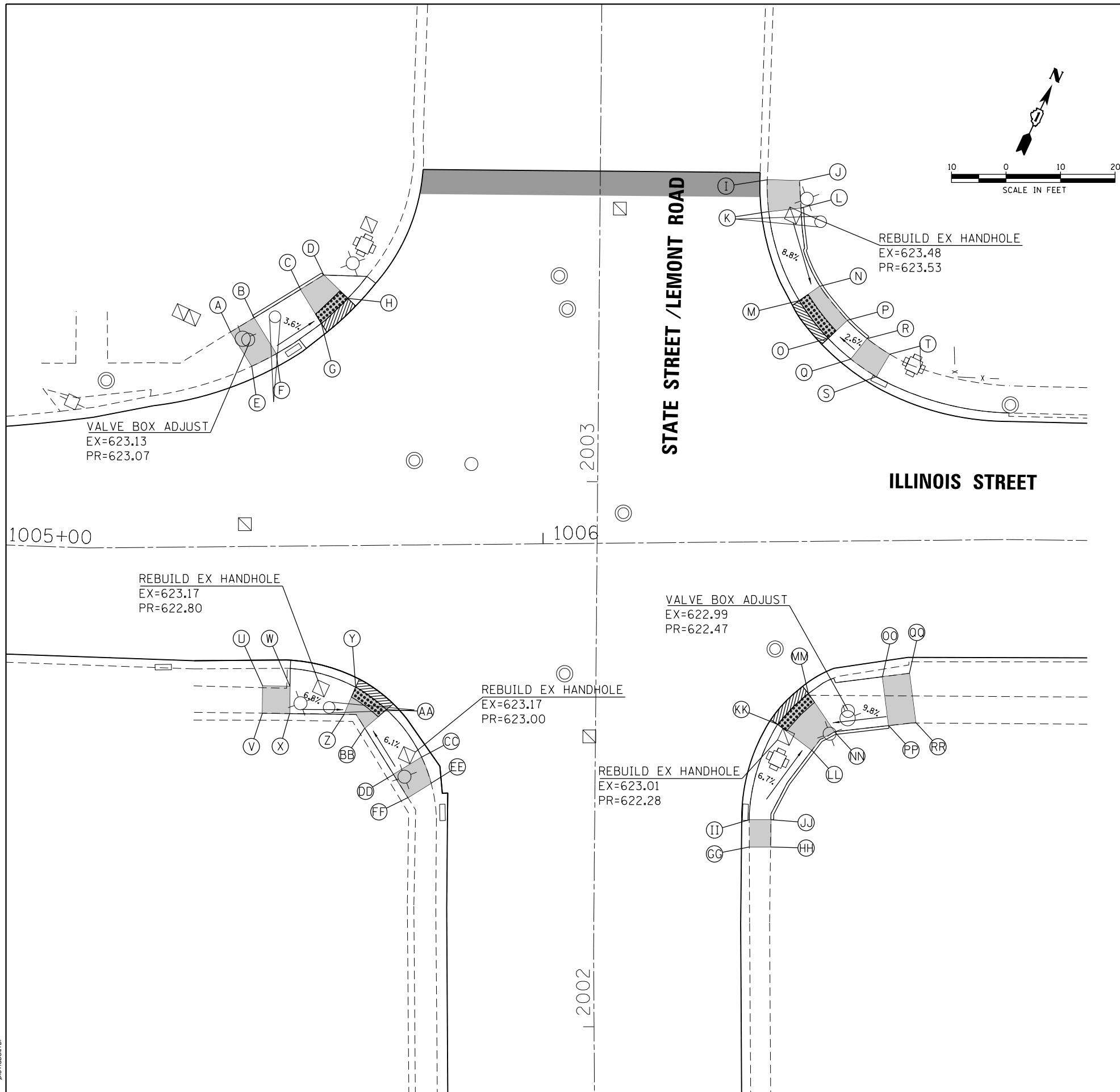
USER NAME = tyelton	DESIGNED - BH	REVISED -
FILE NAME = D:\6092\ent-det-swamps-01.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 6/9/2016	DATE - 6/9/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 ILLINOIS STREET**

SCALE: 1" = 50' SHEET NO. 1 OF 9 SHEETS STA. TO STA.

F.A.U. RTE. 2612	SECTION 2016-018RS	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 13
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y92	



POINT DESCRIPTION ILLINOIS STREET						
POINT	STATION	OFFSET	TOP OF CURB WALL	GUTTER FLOWLINE	SIDEWALK, DRIVEWAY, OR RAMP	REMARK
A	1005+43.1	39.4' LT			623.15(ex)	
B	1005+47.4	41.9' LT	623.08		623.08	
C	1005+55.9	47.1' LT	623.22		622.72	
D	1005+60.2	49.7' LT	623.30		622.80	
E	1005+46.9	33.1' LT			623.02(ex)	
F	1005+51.3	35.3' LT			622.97	
G	1005+59.7	40.8' LT			622.58(ex)	DT WARN
H	1005+64.6	45.4' LT			622.78(ex)	DT WARN
I	1006+41.8	66.4' LT			623.63(ex)	
J	1006+47.6	66.2' LT			623.74(ex)	
K	1006+42.0	60.6' LT			695.54	
L	1006+47.9	61.2' LT	623.67		623.67	
M	1006+47.4	44.2' LT			622.42(ex)	DT WARN
N	1006+51.2	46.8' LT	622.85		622.35	
O	1006+52.7	37.2' LT			622.11(ex)	DT WARN
P	1006+56.2	40.5' LT	622.70		622.20	
Q	1006+56.8	33.4' LT			622.26	
R	1006+59.8	37.1' LT	622.33		622.33	
S	1006+61.4	30.1' LT			622.22(ex)	
T	1006+63.9	34.2' LT			622.40(ex)	
U	1005+48.3	25.6' RT			623.38(ex)	
V	1005+48.2	30.6' RT			623.26(ex)	
W	1005+53.3	25.7' RT			622.80(ex)	
X	1005+53.2	30.7' RT			623.19(ex)	
Y	1005+65.4	26.0' RT			622.41(ex)	DT WARN
Z	1005+63.2	31.0' RT			622.51	
AA	1005+71.0	30.2' RT			622.45(ex)	DT WARN
BB	1005+67.0	33.5' RT			622.55	
CC	1005+77.3	38.9' RT			623.07	
DD	1005+72.2	42.1' RT			623.16	
EE	1005+79.1	43.7' RT			623.14(ex)	
FF	1005+74.8	46.3' RT			623.23(ex)	
GG	1006+37.3	56.0' RT			623.28(ex)	
HH	1006+41.2	56.0' RT			623.40(ex)	
II	1006+37.4	51.0' RT			623.27	
JJ	1006+41.3	51.0' RT	623.33		623.33	
KK	1006+42.8	33.5' RT			622.24(ex)	DT WARN
LL	1006+49.0	38.3' RT	622.83		622.33	
MM	1006+48.4	27.9' RT			622.05(ex)	DT WARN
NN	1006+53.2	35.0' RT	622.72		622.22	
OO	1006+62.0	25.0' RT			623.07	
PP	1006+63.1	33.9' RT	623.20		623.20	
QQ	1006+67.0	24.4' RT			622.97(ex)	
RR	1006+68.1	33.4' RT			623.27(ex)	

- LEGEND**
- (A) POINT
 - [Hatched Box] DETECTABLE WARNINGS
 - [Diagonal Lines Box] CURB DEPRESSION

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Illinois Professional Design Firm
 DATE PLOTTED: 5/20/2016 2:57:19 PM
 FILE NAME: D:\60Y92\sh-t-det-swamps-02.dwg
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plot.tbl

HRGreen
 HRGreen.com
 Illinois Professional Design Firm
 #184-001322

USER NAME = tyelton	DESIGNED - BH	REVISED -
FILE NAME = D:\60Y92\sh-t-det-swamps-02.dwg	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 5/20/2016	DATE - 5/20/16	REVISED -

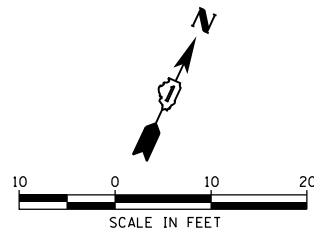
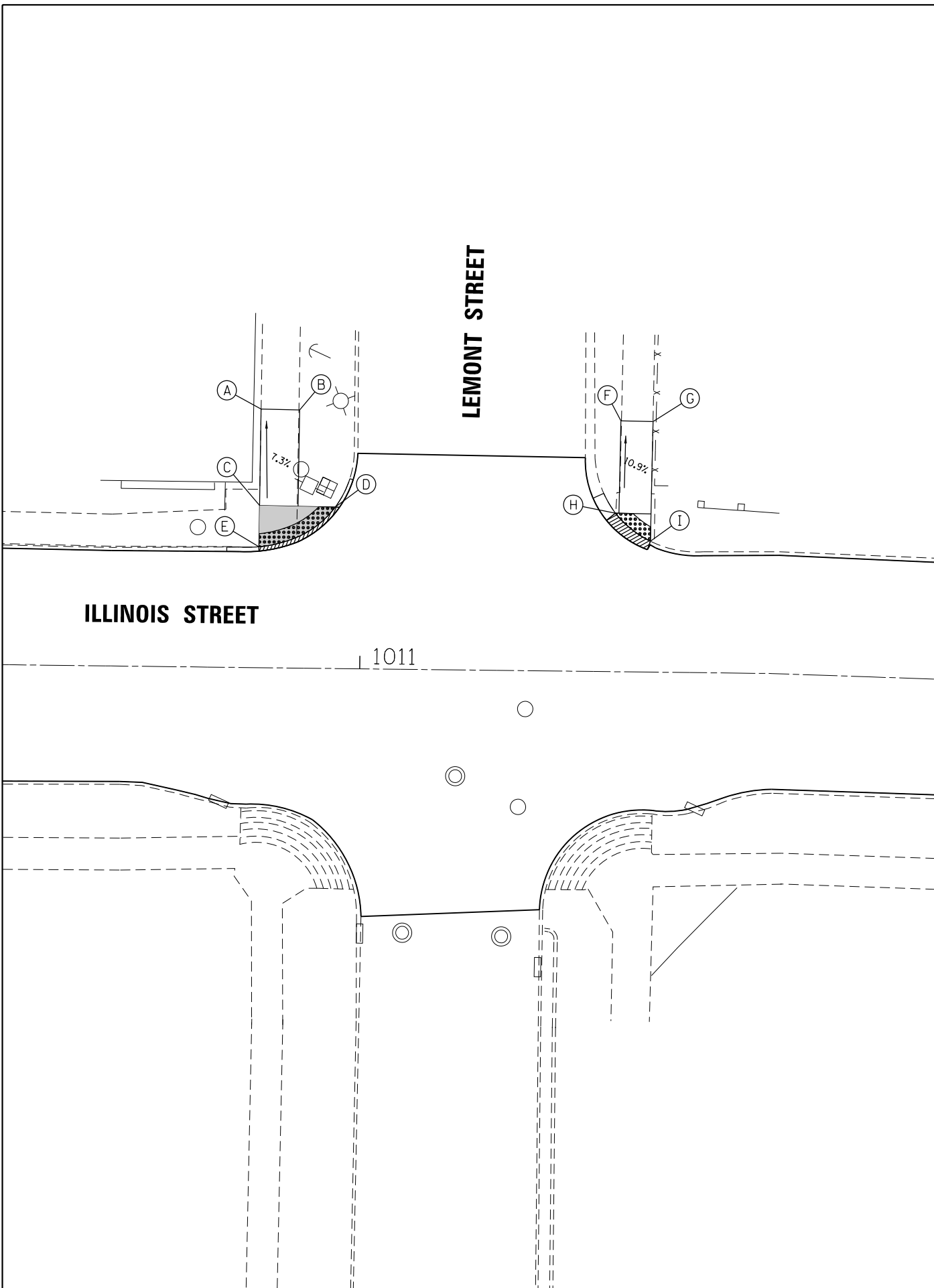
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 ILLINOIS STREET**

SCALE: 1" = 50' SHEET NO. 2 OF 9 SHEETS STA. TO STA.

F.A.U. RTE. 2612	SECTION 2016-018RS	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 14
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y92	

COMPANY NAME: HRGreen
 PROJECT CONTACT: #PROJECTCONTACT#
 DATE PLOTTED: 5/20/2016 2:57:21 PM
 FILE NAME: D:\6092\ent-det-sw-ramps-03.dgn
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plot.tbl



POINT DESCRIPTION ILLINOIS STREET						
POINT	STATION	OFFSET	TOP OF CURB WALL	GUTTER FLOWLINE	SIDEWALK, DRIVEWAY, OR RAMP	REMARK
A	1010+84.2	40.2' LT			616.02(ex)	
B	1010+90.2	40.2' LT			615.76(ex)	
C	1010+84.1	25.2' LT			617.12	
D	1010+95.9	25.1' LT			616.89(ex)	DT WARN
E	1010+84.1	18.8' LT			618.01(ex)	DT WARN
F	1011+40.2	39.0' LT			615.33(ex)	
G	1011+45.2	39.0' LT			615.28(ex)	
H	1011+39.5	24.7' LT			616.96(ex)	DT WARN
I	1011+45.0	20.4' LT			617.37(ex)	DT WARN

LEGEND

- (A) POINT
- [Hatched Box] DETECTABLE WARNINGS
- [Hatched Box] CURB DEPRESSION

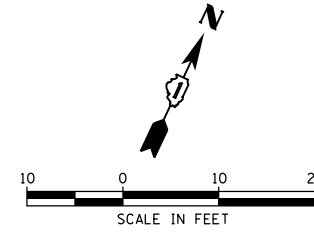
	USER NAME = tyelton	DESIGNED - BH	REVISED -
	FILE NAME = D:\6092\ent-det-sw-ramps-03.dgn	DRAWN - DMS	REVISED -
	PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
	PLOT DATE = 5/20/2016	DATE - 5/20/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

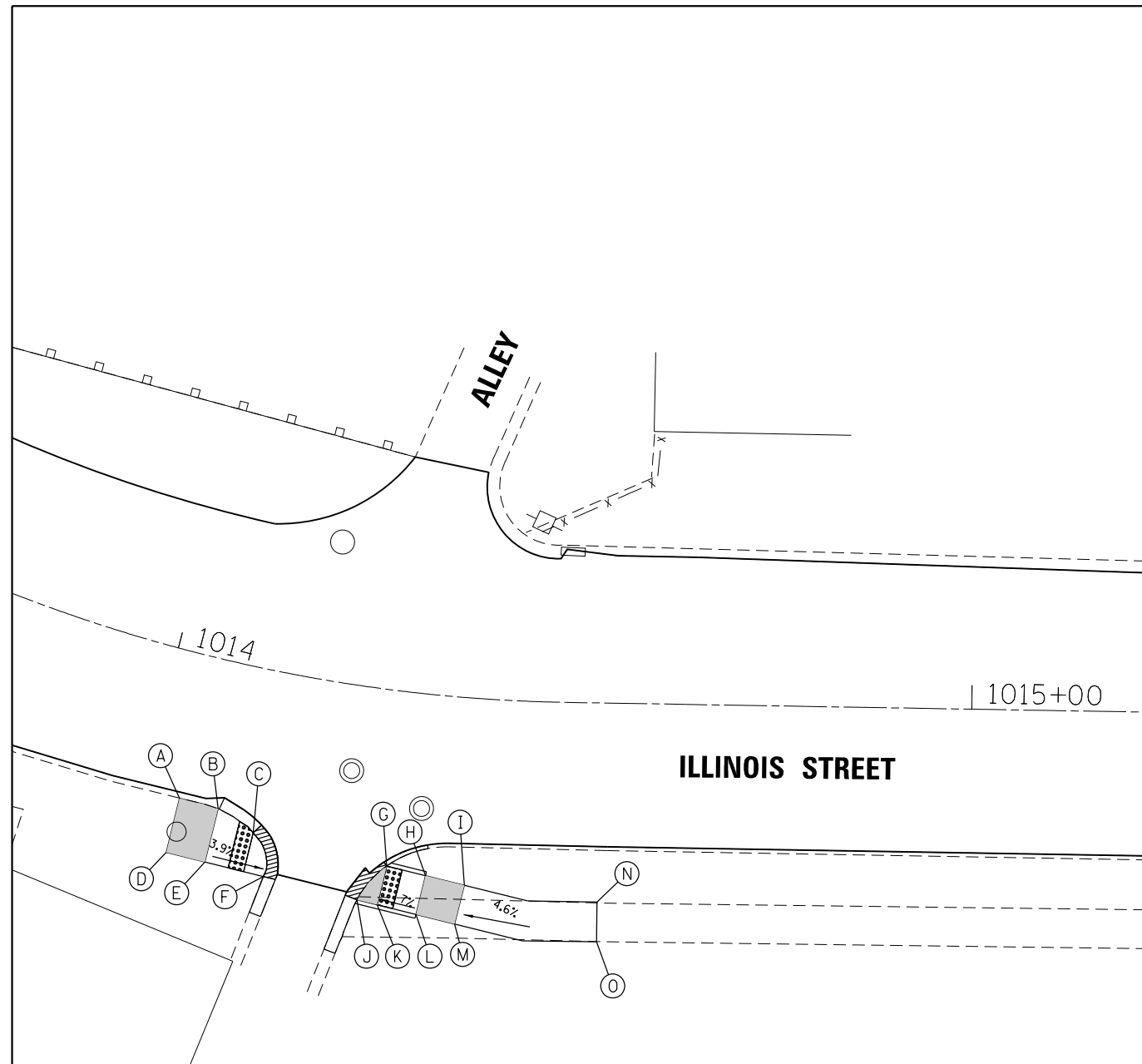
**SIDEWALK RAMP DETAILS
 ILLINOIS STREET**

SCALE: 1" = 50' SHEET NO. 3 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	15
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y92	



POINT DESCRIPTION ILLINOIS STREET						
POINT	STATION	OFFSET	TOP OF CURB WALL	GUTTER FLOWLINE	SIDEWALK, DRIVEWAY, OR RAMP	REMARK
A	1014+04.6	18.2' RT			619.23(ex)	
B	1014+09.2	18.4' RT			619.31	
C	1014+13.7	20.5' RT			618.87(ex)	DT WARN
D	1014+04.6	25.2' RT			619.52(ex)	
E	1014+09.0	25.3' RT			619.45	
F	1014+15.7	25.6' RT			618.97	
G	1014+29.2	22.0' RT	619.36		619.169(ex)	DT WARN
H	1014+33.7	22.7' RT	619.21		619.21	
I	1014+38.1	23.5' RT			619.28	
J	1014+26.4	26.6' RT	619.42		618.92(ex)	
K	1014+28.7	26.9' RT	619.42		618.94	DT WARN
L	1014+33.0	56.2' LT	619.29		619.29	
M	1014+37.4	28.4' RT			619.35	
N	1014+53.5	24.9' RT			620.07(ex)	
O	1014+53.5	29.9' RT			620.13(ex)	



LEGEND

- (A) POINT
- [Hatched Box] DETECTABLE WARNINGS
- [Dotted Box] CURB DEPRESSION

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Illinois Professional Design Firm
 DATE PLOTTED: 5/20/2016 2:57:22 PM
 FILE NAME: D:\60Y92\sh-t-det-swamps-04.dgn
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plot.tbl



USER NAME = tyelton	DESIGNED - BH	REVISED -
FILE NAME = D:\60Y92\sh-t-det-swamps-04.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 5/20/2016	DATE - 5/20/16	REVISED -

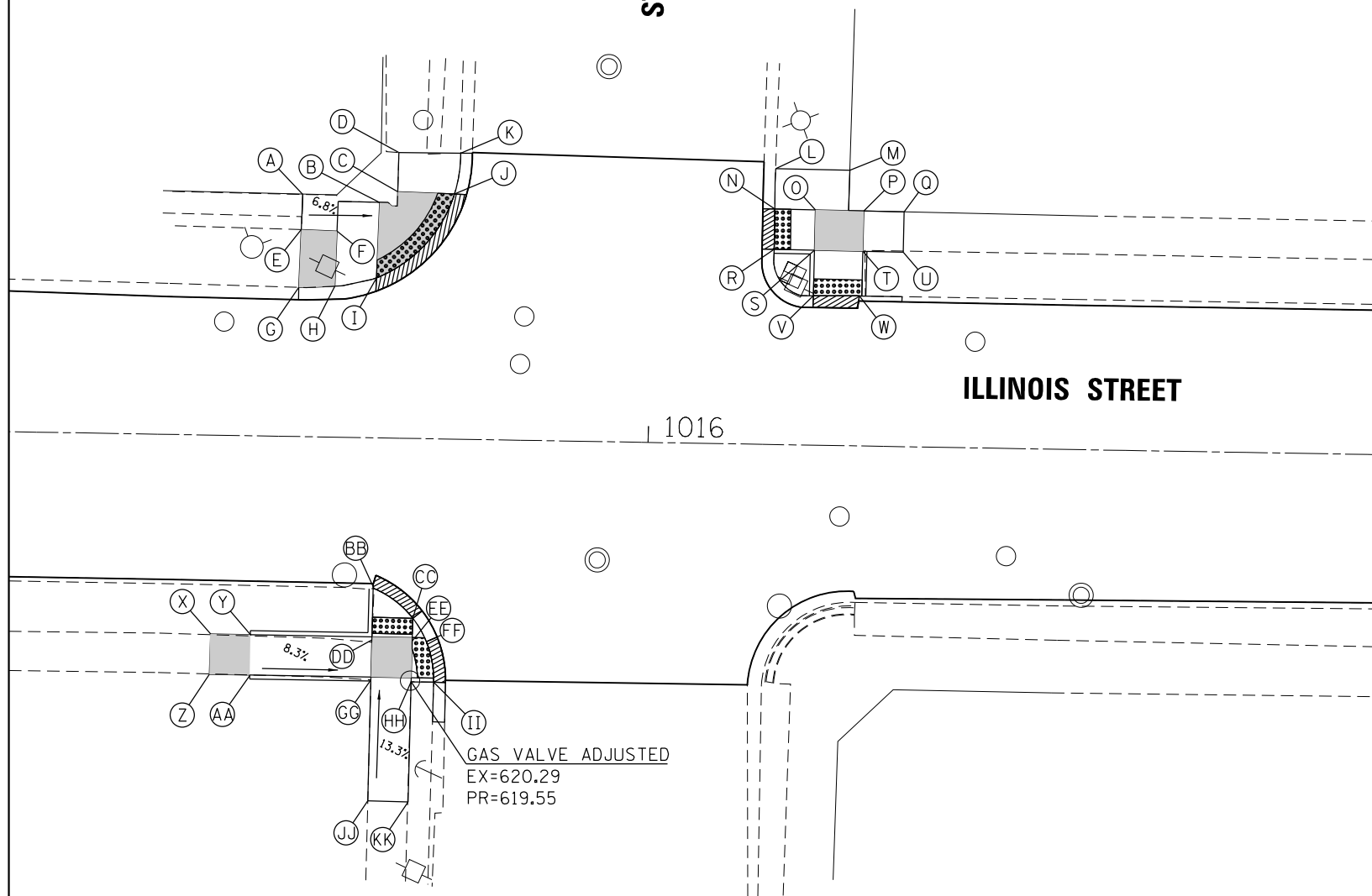
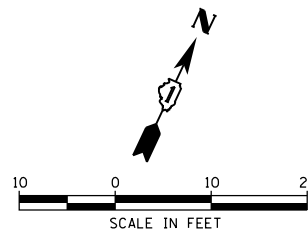
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 ILLINOIS STREET**

SCALE: 1" = 50' SHEET NO. 4 OF 9 SHEETS STA. TO STA.

F.A.U. RTE. 2612	SECTION 2016-018RS	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 16
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y92	

STEPHEN STREET



POINT DESCRIPTION ILLINOIS STREET						
POINT	STATION	OFFSET	TOP OF CURB WALL	GUTTER FLOWLINE	SIDEWALK, DRIVEWAY, OR RAMP	REMARK
A	1015+56.7	30.1' LT			619.42(ex)	
B	1015+66.2	29.2' LT			618.77	
C	1015+68.4	30.6' LT			618.69	
D	1015+68.5	35.4' LT			618.88(ex)	
E	1015+56.5	25.7' LT			619.32(ex)	
F	1015+61.0	25.6' LT			619.26	
G	1015+56.4	18.5' LT			619.19(ex)	
H	1015+60.8	18.7' LT			619.19	
I	1015+66.0	19.9' LT			618.84(ex)	DT WARN
J	1015+75.5	30.4' LT			618.58(ex)	DT WARN
K	1015+76.2	35.5' LT			618.60(ex)	
L	1016+15.3	34.2' LT			618.69(ex)	
M	1016+24.4	34.2' LT			618.95(ex)	
N	1016+15.2	29.2' LT			618.66(ex)	DT WARN
O	1016+20.3	29.2' LT			619.08	
P	1016+26.3	29.2' RT			619.45	
Q	1016+31.3	29.1' LT			619.57(ex)	
R	1016+15.2	24.2' LT	619.51		619.01(ex)	DT WARN
S	1016+20.2	24.2' LT	619.43		619.43	
T	1016+26.2	24.2' LT	619.52		619.52	
U	1016+31.2	24.1' LT			619.71(ex)	
V	1016+20.2	18.5' LT	619.84		619.34(ex)	DT WARN
W	1016+25.9	18.6' LT	619.83		619.33(ex)	DT WARN
X	1015+46.2	24.7' RT			620.68(ex)	
Y	1015+51.2	24.8' RT	620.80		620.80	
Z	1015+46.1	29.7' RT			620.89(ex)	
AA	1015+51.1	29.8' RT	620.87		620.87	
BB	1015+66.3	18.7' RT	619.75		619.25(ex)	
CC	1015+71.2	22.3' RT			619.39(ex)	DT WARN
DD	1015+66.2	25.1' RT	620.05		619.55	
EE	1015+71.2	25.2' RT			619.48	DT WARN
FF	1015+72.9	25.2' RT			619.49(ex)	DT WARN
GG	1015+66.1	30.1' RT	620.12		619.62	
HH	1015+71.1	30.2' RT	620.05		619.55	
II	1015+73.9	30.2' RT	620.19		621.62(ex)	DT WARN
JJ	1015+66.0	45.1' RT			621.62(ex)	
KK	1015+71.0	45.1' RT			621.44(ex)	

LEGEND

- (A) POINT
- [Cross-hatched] DETECTABLE WARNINGS
- [Hatched] CURB DEPRESSION

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: Illinois Professional Design Firm
 DATE PLOTTED: 5/20/2016 2:57:23 PM
 FILE NAME: D:\60Y92\sh-t-det-sw-ramps-05.dgn
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plot.tbl



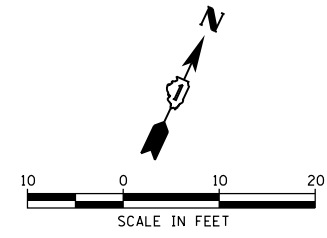
USER NAME = tyelton	DESIGNED - BH	REVISED -
FILE NAME = D:\60Y92\sh-t-det-sw-ramps-05.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 5/20/2016	DATE - 5/20/16	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 ILLINOIS STREET

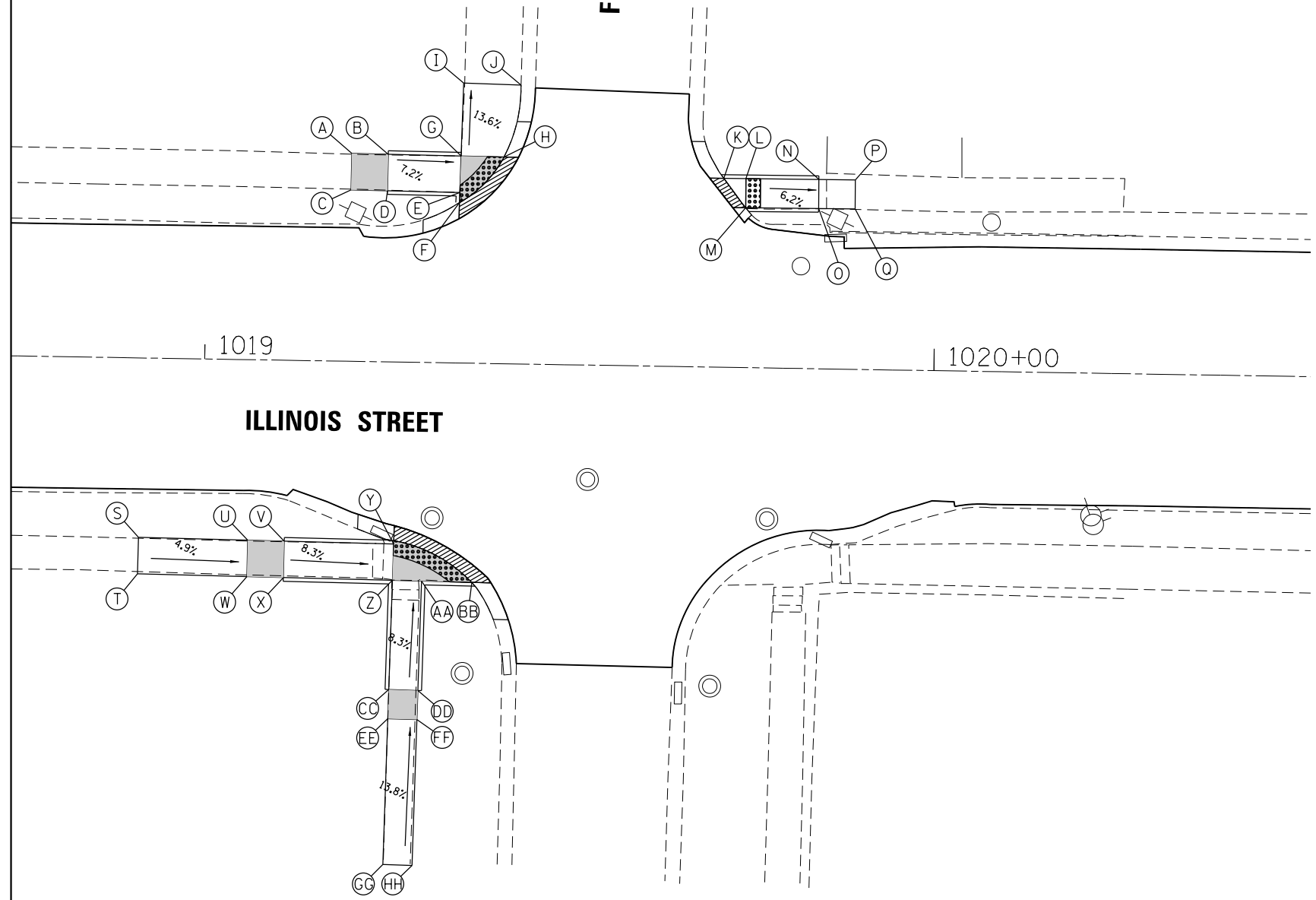
SCALE: 1" = 50' SHEET NO. 5 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	17
FED. ROAD DIST. NO.			CONTRACT NO. 60Y92	
ILLINOIS FED. AID PROJECT				



FREMONT STREET

ILLINOIS STREET



POINT DESCRIPTION ILLINOIS STREET						
POINT	STATION	OFFSET	TOP OF CURB WALL	GUTTER FLOWLINE	SIDEWALK, DRIVEWAY, OR RAMP	REMARK
A	1019+19.7	28.5' LT			620.68(ex)	
B	1019+24.7	28.5' LT	620.75		620.75	
C	1019+19.7	23.5' LT			620.85(ex)	
D	1019+24.7	23.5' LT	620.75		620.75	
E	1019+34.6	23.4' LT	621.07		620.57	DT WARN
F	1019+34.6	22.0' LT	621.22		620.72(ex)	DT WARN
G	1019+34.7	28.4' LT	620.53		620.03	
H	1019+40.6	28.3' LT			619.94(ex)	DT WARN
I	1019+34.9	38.4' LT			618.67(ex)	
J	1019+42.8	38.2' LT			618.66(ex)	
K	1019+70.8	25.9' LT	620.28		619.78(ex)	
L	1019+73.8	25.9' LT	620.68		620.18	DT WARN
M	1019+73.8	21.9' LT	620.78		620.28(ex)	DT WARN
N	1019+83.8	26.0' LT	619.56		619.56	
O	1019+83.8	22.0' LT	619.62		619.62	
P	1019+88.8	26.0' LT			619.56(ex)	
Q	1019+88.8	22.0' LT			619.68(ex)	
R	OMITTED					
S	1018+91.3	24.6' RT			623.61(ex)	
T	1018+91.3	29.6' RT			623.56(ex)	
U	1019+06.3	24.7' RT			622.88	
V	1019+11.3	24.8' RT	622.80		622.80	
W	1019+06.3	29.7' RT			622.82	
X	1019+11.3	29.8' RT	622.74		622.74	
Y	1019+26.3	24.9' RT	622.07		621.57(ex)	DT WARN
Z	1019+26.2	29.9' RT	621.99		621.49	
AA	1019+30.2	30.0' RT	621.93		621.43	
BB	1019+37.1	30.1' RT	622.83		622.33(ex)	DT WARN
CC	1019+26.0	44.9' RT	622.69		622.69	
DD	1019+30.0	45.0' RT	622.68		622.68	
EE	1019+25.9	48.9' RT			622.79	
FF	1019+29.9	49.0' RT			622.78	
GG	1019+25.5	68.9' RT			626.20(ex)	
HH	1019+29.5	69.0' RT			626.09(ex)	

LEGEND

- (A) POINT
- [Cross-hatched] DETECTABLE WARNINGS
- [Hatched] CURB DEPRESSION

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: HRGreen.com
 DATE PLOTTED: 5/20/2016 2:57:25 PM
 FILE NAME: D:\6092\ent-det-sw-ramps-06.dgn
 PLOT DRIVER: IL_Plotter.dwt
 PEN TABLE: plot.tbl

HRGreen.com
 Illinois Professional Design Firm
 # 184-001322

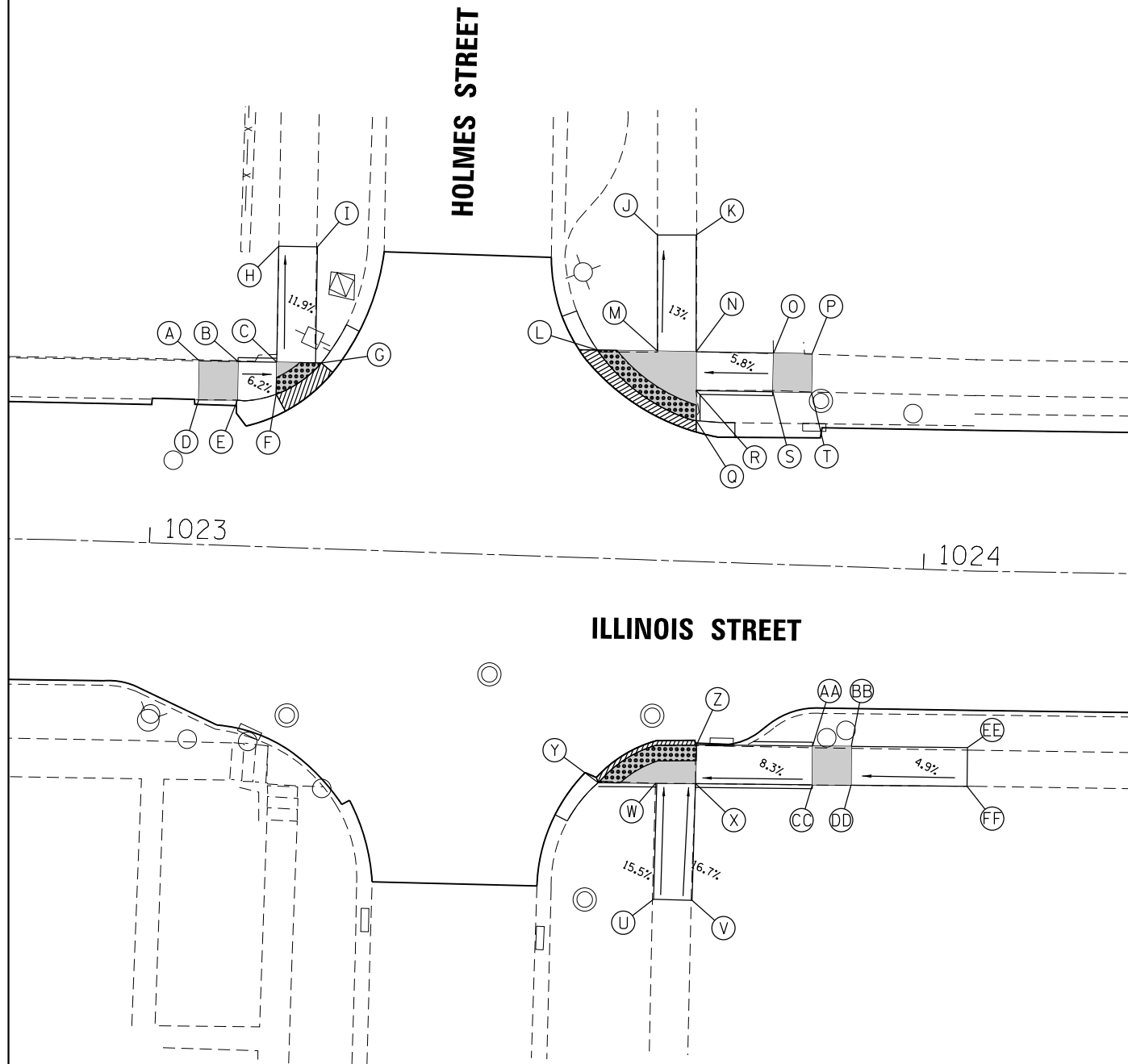
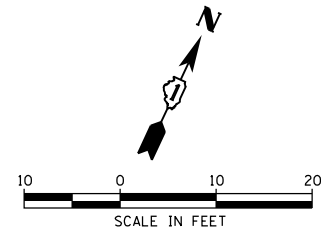
USER NAME = tyelton	DESIGNED - BH	REVISED -
FILE NAME = D:\6092\ent-det-sw-ramps-06.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 5/20/2016	DATE - 5/20/16	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
ILLINOIS STREET**

SCALE: 1" = 50' SHEET NO. 6 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	18
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	CONTRACT NO. 60Y92



POINT DESCRIPTION ILLINOIS STREET						
POINT	STATION	OFFSET	TOP OF CURB WALL	GUTTER FLOWLINE	SIDEWALK, DRIVEWAY, OR RAMP	REMARK
A	1023+05.6	23.7' LT			623.87(ex)	
B	1023+10.6	23.8' LT	623.87		623.87	
C	1023+15.6	23.9' LT	624.06		623.56	
D	1023+05.7	18.7' LT			624.19(ex)	
E	1023+10.7	18.8' LT			623.94	
F	1023+15.7	19.8' LT			623.82(ex)	DT WARN
G	1023+21.4	24.0' LT			623.20(ex)	DT WARN
H	1023+15.4	38.9' LT			621.78(ex)	
I	1023+20.4	39.0' LT			621.81(ex)	
J	1023+64.2	42.0' LT			621.61(ex)	
K	1023+69.2	42.2' LT			621.54(ex)	
L	1023+57.0	26.9' LT			623.16(ex)	DT WARN
M	1023+64.7	27.0' LT			623.56	
N	1023+69.7	27.1' LT			623.81	
O	1023+79.7	27.3' LT			624.47	
P	1023+84.7	27.3' LT			624.46(ex)	
Q	1023+70.0	18.2' LT	624.75		624.25(ex)	
R	1023+69.9	22.1' LT	624.56		624.06	
S	1023+79.8	22.3' LT	624.32		624.32	
T	1023+84.8	22.3' LT			624.37(ex)	
U	1023+66.6	43.8' RT			626.96(ex)	DT WARN
V	1023+71.6	43.8' RT			627.07(ex)	DT WARN
W	1023+66.4	28.8' RT	625.13		624.63	
X	1023+71.5	28.7' RT	625.07		624.57	
Y	1023+59.0	29.0' RT	625.23		624.73(ex)	DT WARN
Z	1023+71.5	23.7' RT			624.49(ex)	DT WARN
AA	1023+86.5	23.3' RT	625.75		625.75	
BB	1023+91.5	23.2' RT			625.82	
CC	1023+86.6	28.3' RT	625.82		625.82	
DD	1023+91.6	28.2' RT			625.89	
EE	1024+06.5	22.8' RT			626.59(ex)	
FF	1024+06.6	27.8' RT			626.62(ex)	

LEGEND

- (A) POINT
- [Stippled Box] DETECTABLE WARNINGS
- [Hatched Box] CURB DEPRESSION

COMPANY NAME: HRGreen
 PROJECT CONTACT: HRGreen
 DATE PLOTTED: 5/20/2016 2:57:27 PM
 FILE NAME: D:\60Y92\sh-t-det-sw-ramps-07.dgn
 PLOT DRIVER: IL_Pdf_Plotter
 PEN TABLE: plot.tbl



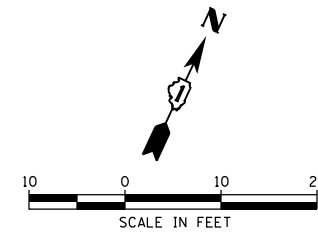
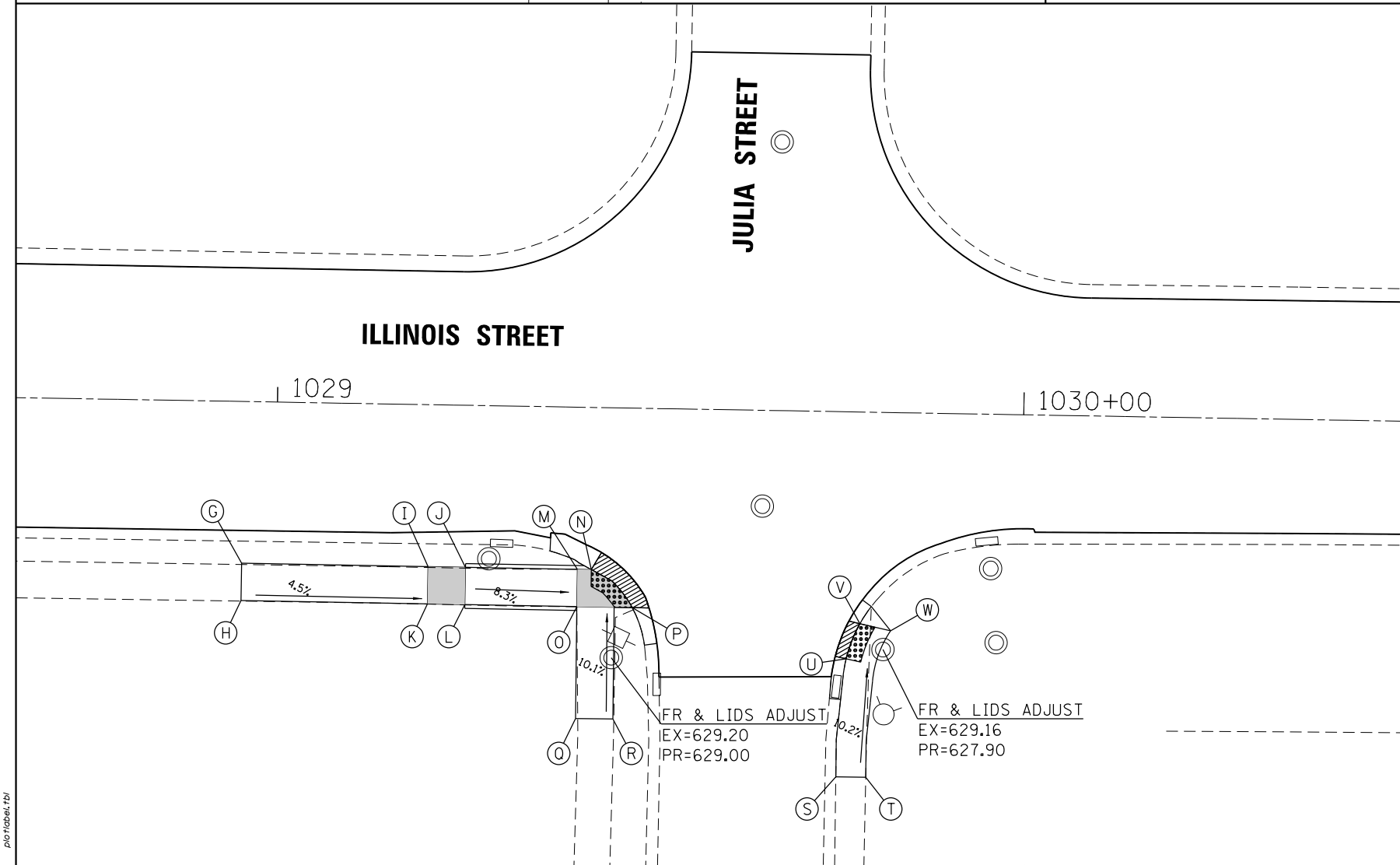
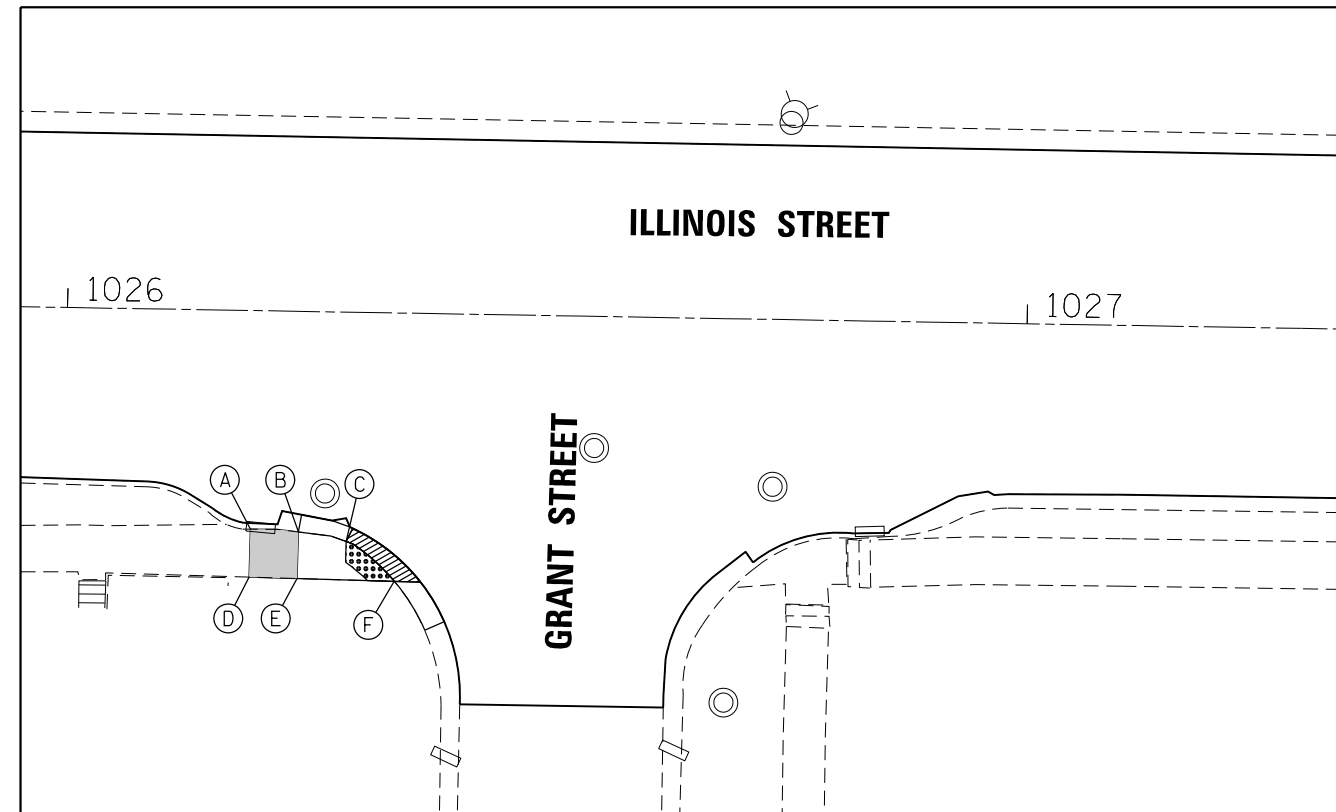
USER NAME = tyelton	DESIGNED - BH	REVISED -
FILE NAME = D:\60Y92\sh-t-det-sw-ramps-07.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 5/20/2016	DATE - 5/20/16	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 ILLINOIS STREET

SCALE: 1" = 50' SHEET NO. 7 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	19
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60Y92	



POINT DESCRIPTION ILLINOIS STREET						
POINT	STATION	OFFSET	TOP OF CURB WALL	GUTTER FLOWLINE	SIDEWALK, DRIVEWAY, OR RAMP	REMARK
A	1026+19.4	22.8' RT			628.02(ex)	
B	1026+24.4	23.0' RT			628.02	
C	1026+29.4	23.9' RT			628.00(ex)	DT WARN
D	1026+19.4	27.8' RT			628.51(ex)	
E	1026+24.4	27.8' RT			628.44	
F	1026+34.5	28.0' RT			628.46(ex)	DT WARN
G	1028+95.6	21.7' RT			630.74(ex)	
H	1028+95.6	26.7' RT			630.91(ex)	
I	1029+20.6	21.7' RT			629.75	
J	1029+25.6	21.7' RT	629.70		629.70	
K	1029+20.6	26.7' RT			629.78	
L	1029+25.6	26.7' RT	629.71		629.71	DT WARN
M	1029+40.6	21.7' RT	628.96		628.46	DT WARN
N	1029+42.4	21.7' RT	628.94		628.44(ex)	
O	1029+40.6	26.7' RT	628.96		628.46	DT WARN
P	1029+48.0	26.7' RT			628.31(ex)	DT WARN
Q	1029+40.7	41.7' RT			629.98(ex)	
R	1029+45.7	41.7' RT			629.82(ex)	
S	1029+75.6	48.9' RT			629.36(ex)	
T	1029+79.6	48.9' RT			629.46(ex)	
U	1029+76.8	33.1' RT			628.01(ex)	
V	1029+78.5	28.4' RT			627.82(ex)	
W	1029+82.6	29.2' RT			627.88	

LEGEND

	POINT
	DETECTABLE WARNINGS
	CURB DEPRESSION

COMPANY NAME: HRGreen.com
 PROJECT CONTACT: #PROJECTCONTACTS
 DATE PLOTTED: 5/20/2016 2:57:28 PM
 FILE NAME: D:\60Y92\sh-t-det-swamps-08.dgn
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plot.tbl



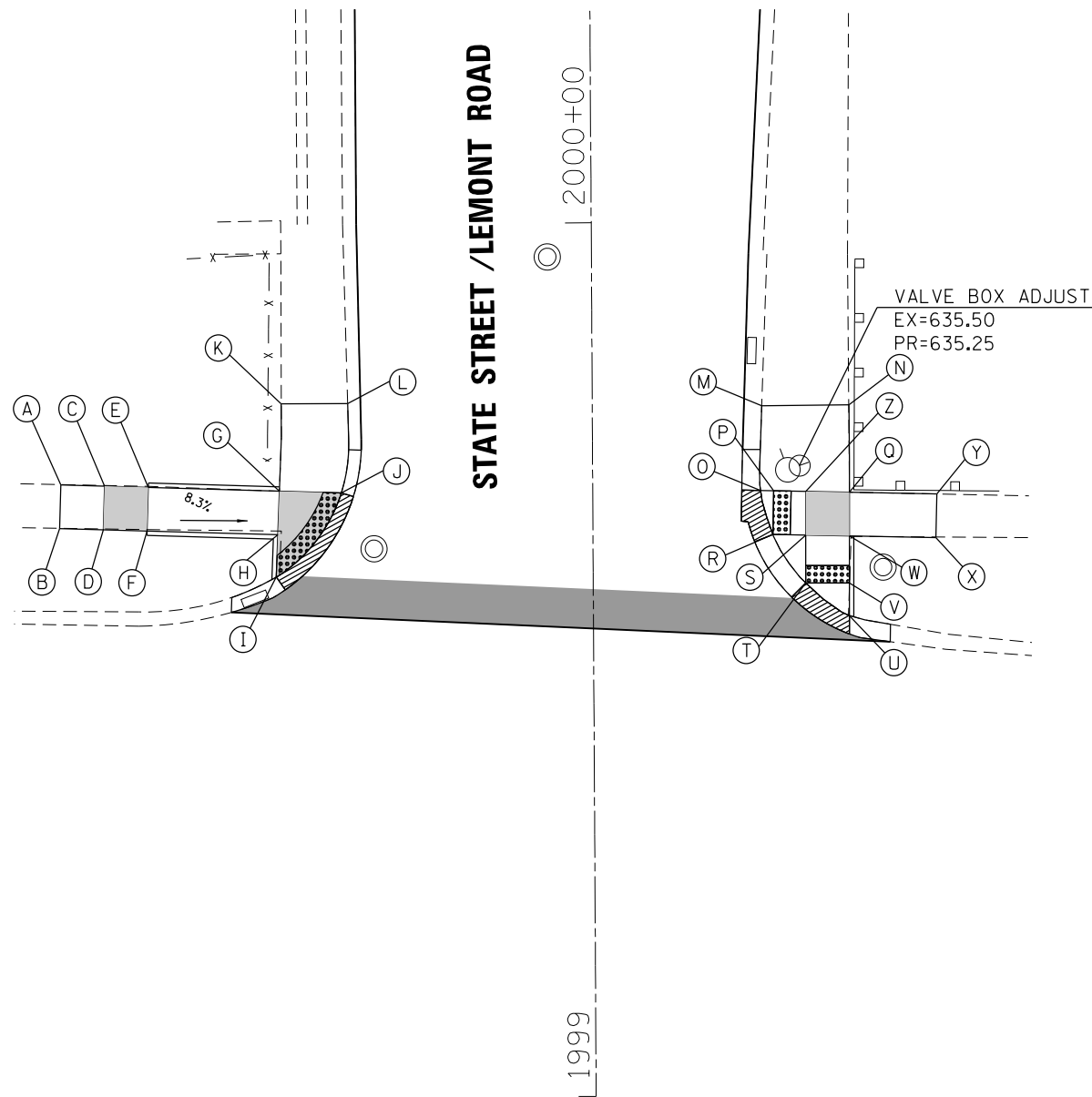
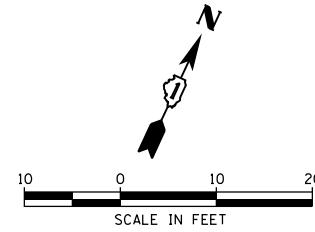
USER NAME = tyelton	DESIGNED - BH	REVISED -
FILE NAME = D:\60Y92\sh-t-det-swamps-08.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 5/20/2016	DATE - 5/20/16	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 ILLINOIS STREET

SCALE: 1" = 50' SHEET NO. 8 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	20
CONTRACT NO.			60Y92	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



POINT DESCRIPTION ILLINOIS STREET						
POINT	STATION	OFFSET	TOP OF CURB WALL	GUTTER FLOWLINE	SIDEWALK, DRIVEWAY, OR RAMP	REMARK
A	1999+70.3	60.8' LT			636.97(ex)	
B	1999+65.3	61.0' LT			637.10(ex)	
C	1999+70.2	55.8' LT			636.70	
D	1999+65.3	56.0' LT			636.76	
E	1999+70.0	50.8' LT	636.62		636.62	
F	1999+65.2	51.0' LT	636.70		636.70	
G	1999+69.5	35.9' LT	635.87		635.37	
H	1999+64.5	36.1' LT	636.54		636.04	
I	1999+59.7	36.3' LT	637.19		636.69(ex)	DT WARN
J	1999+69.3	28.8' LT			635.23(ex)	DT WARN
K	1999+79.5	35.6' LT			634.86(ex)	
L	1999+79.5	28.0' LT			634.83(ex)	
M	1999+78.9	19.4' RT			634.87(ex)	
N	1999+79.0	29.4' RT			635.08(ex)	
O	1999+69.2	19.2' RT			635.18(ex)	
P	1999+69.2	20.7' RT			635.18	DT WARN
Q	1999+69.0	29.4' RT			635.44	
R	1999+64.2	20.6' RT			635.24(ex)	DT WARN
S	1999+64.1	24.3' RT			635.44	
T	1999+58.6	24.3' RT			635.53(ex)	DT WARN
U	1999+54.9	29.3' RT	636.12		635.62(ex)	
V	1999+58.6	29.3' RT	636.09		635.59	DT WARN
W	1999+64.0	29.3' RT	635.50		635.50	
X	1999+63.7	39.2' RT			635.13(ex)	
Y	1999+68.7	39.4' RT			635.15(ex)	
Z	1999+69.1	24.4' RT			635.36	

LEGEND

- (A) POINT
- [Stippled Pattern] DETECTABLE WARNINGS
- [Hatched Pattern] CURB DEPRESSION

COMPANY NAME: HRGreen
 PROJECT CONTACT: #PROJECT CONTACT #
 DATE PLOTTED: 5/20/2016 2:57:30 PM
 FILE NAME: D:\6092\ent+det+swramps-09.dgn
 PLOT DRIVER: IL_Pdf_Plotter.fq
 PEN TABLE: plotabel.tbl



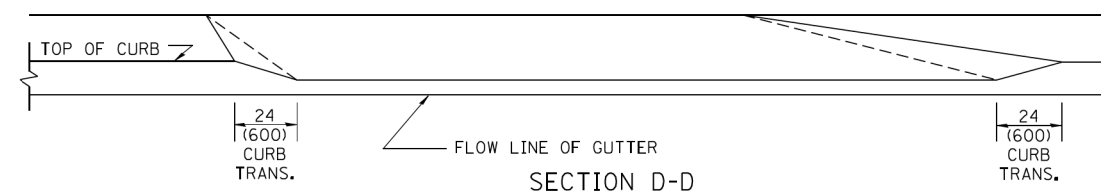
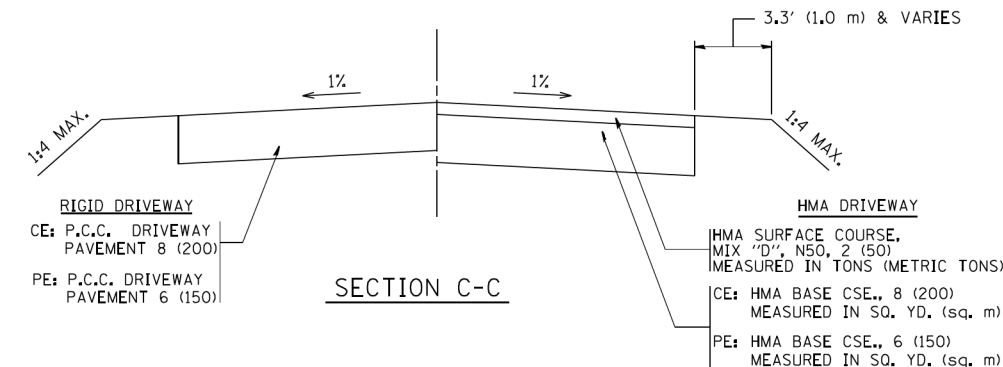
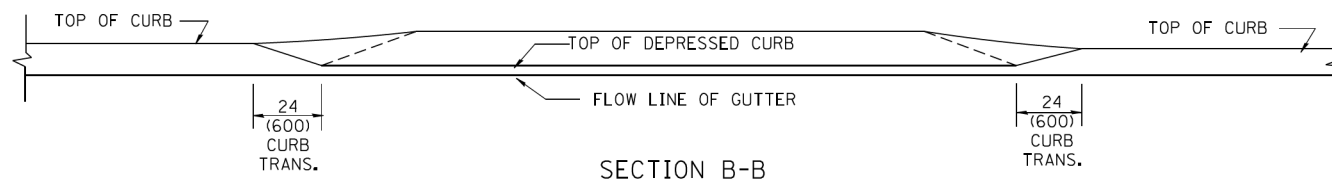
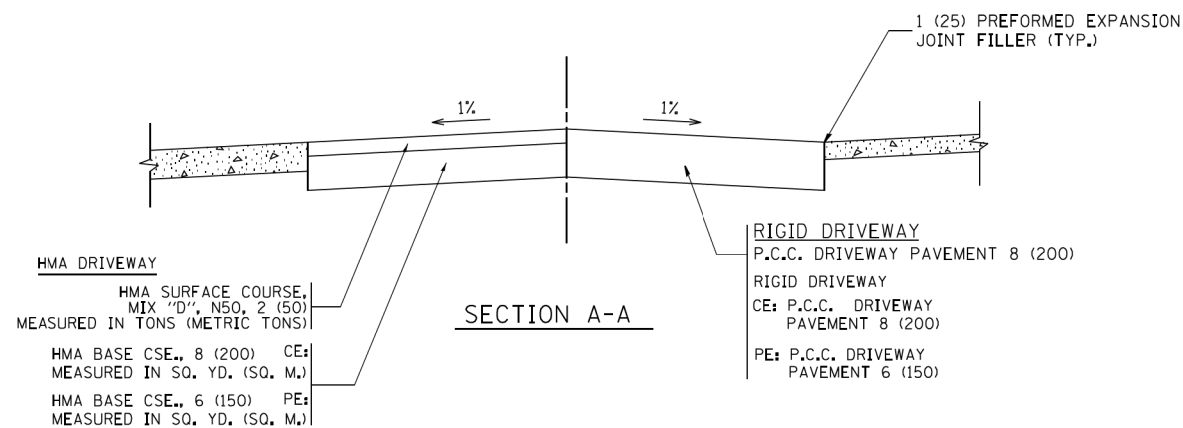
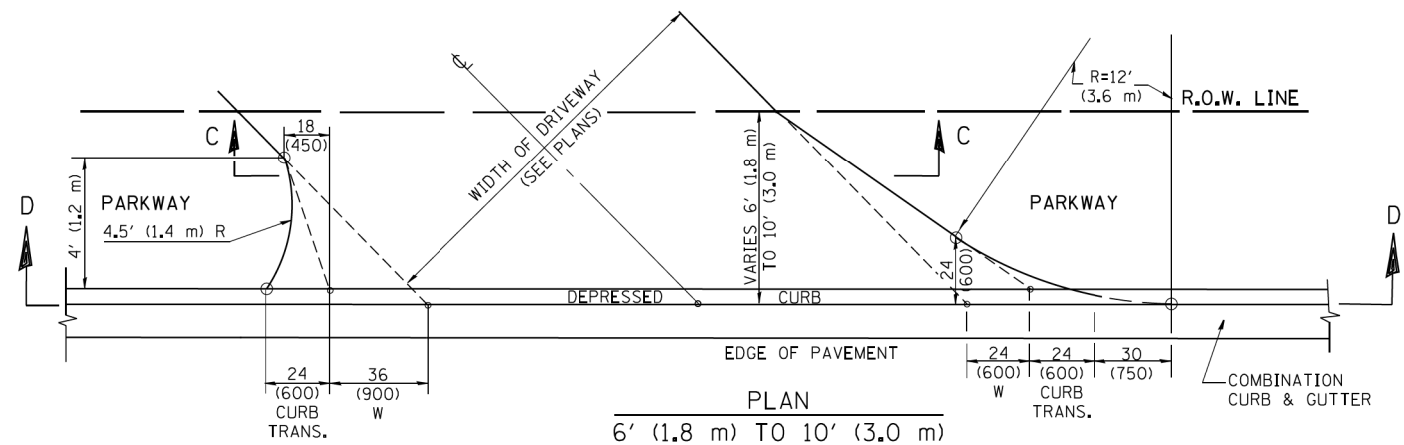
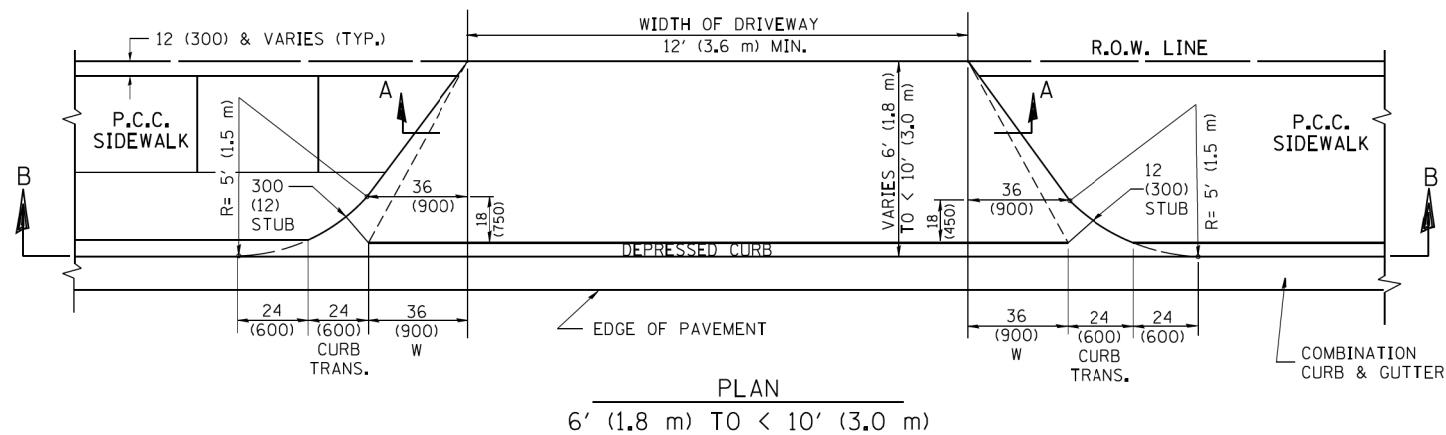
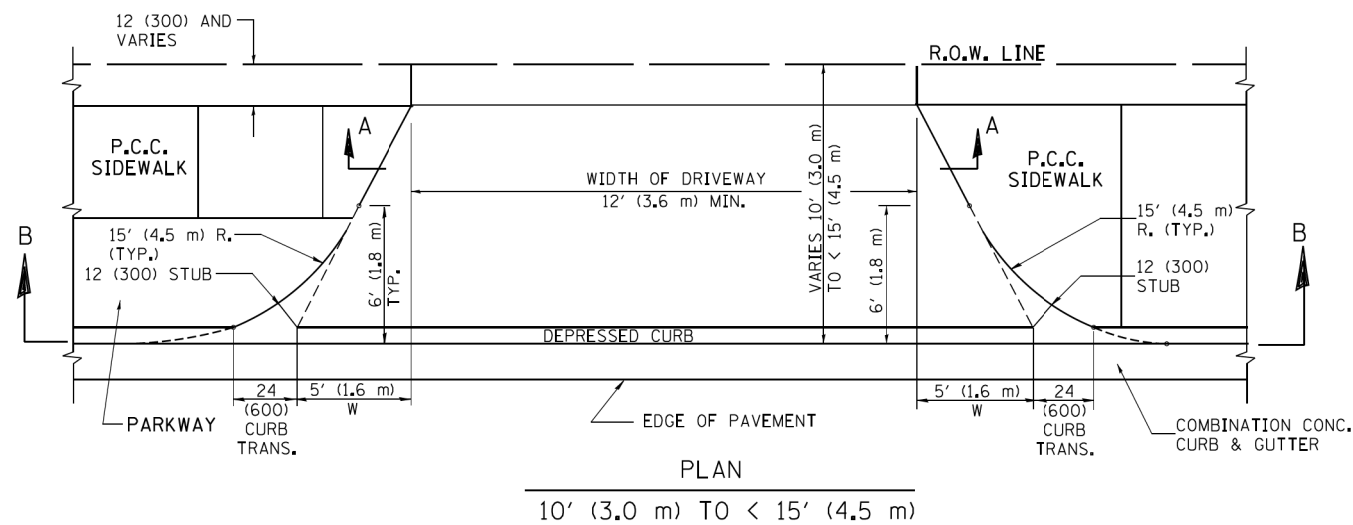
USER NAME = tyelton	DESIGNED - BH	REVISED -
FILE NAME = D:\6092\ent+det+swramps-09.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 1" = 50'	CHECKED -	REVISED -
PLOT DATE = 5/20/2016	DATE - 5/20/16	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 ILLINOIS STREET

SCALE: 1" = 50' SHEET NO. 9 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	21
CONTRACT NO.			60Y92	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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 ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF 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.

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

THE 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.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

COMPANY NAME: #COMPANY CONTACT #
PROJECT CONTACT: #PROJECT CONTACT #
DATE PLOTTED: 5/20/2016 2:57:31 PM
FILE NAME: D:\6092\sh1-de1-8002.dgn
PLOT DRIVER: IL:\adf.bw\drfcfg
PEN TABLE: plot.tbl

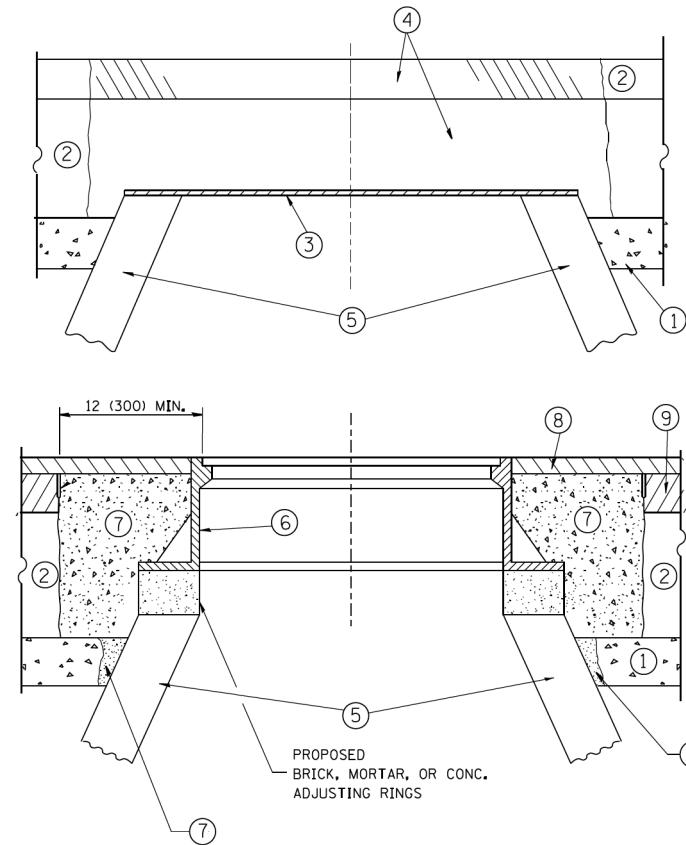
FILE NAME =	USER NAME = lcyss	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
ca:\p\work\p\dot\lcyss\d0108315\bd02.dgn		DRAWN -	REVISED - P. LOFLEUR 04-15-03
	PLOT SCALE = 50.0000 / 1 in.	CHECKED -	REVISED - R. BORO 01-01-07
	PLOT DATE = 10/28/2011	DATE - 11-06-95	REVISED - R. BORO 09-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS	
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	22
BD400-02 (BD-02)			CONTRACT NO. 60Y92	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

COMPANY NAME: #COMPANY NAME#
 PROJECT CONTACT: #PROJECT CONTACT#
 DATE PLOTTED: 5/20/2016 2:57:45 PM
 FILE NAME: D:\6092\sh1-de1-8008.dgn
 PLOT DRIVER: ILpdfw.dwt
 PEN TABLE: plotlabel.tbl



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.

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 1/2 (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 "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

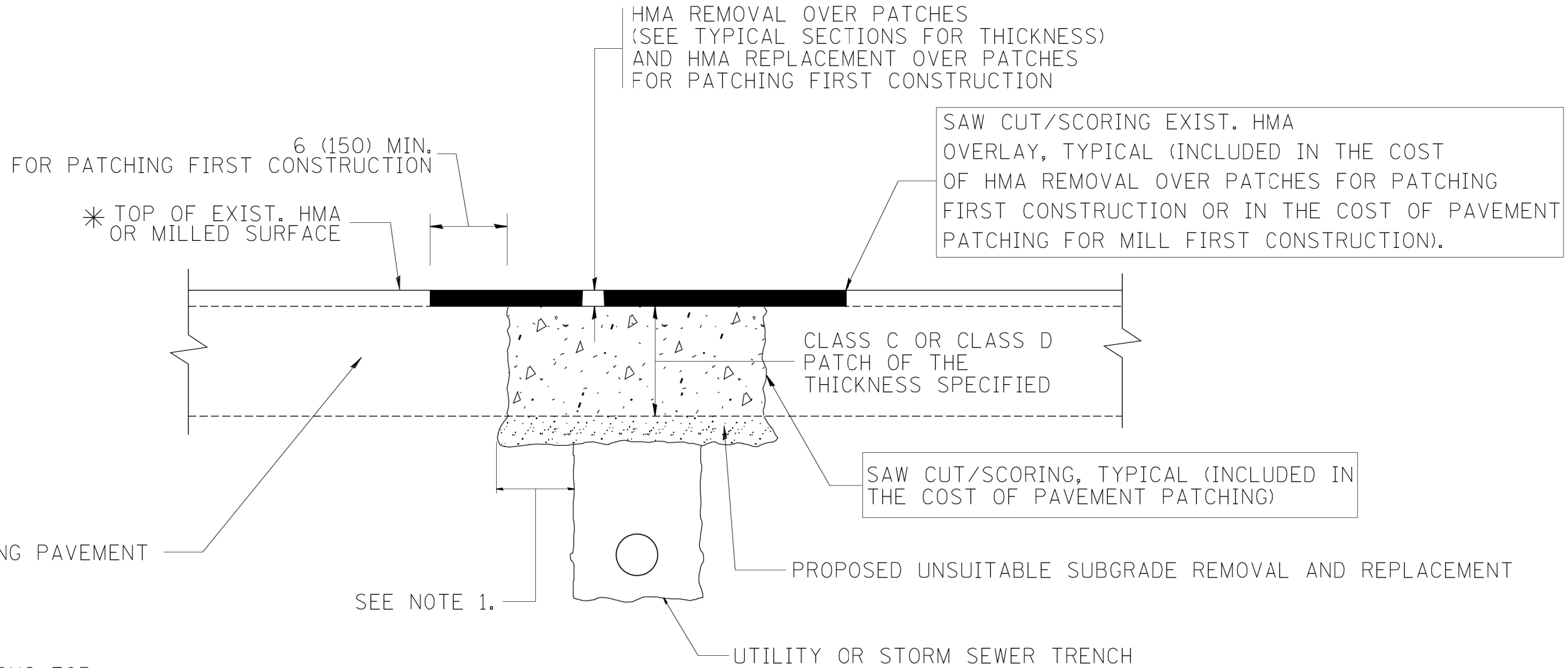
FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
ca:\pwork\pwork\bauserd\10108315\bd08.dgn		DRAWN -	REVISED - R. BORO 01-01-07
		CHECKED -	REVISED - R. BORO 03-09-11
		DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	23
BD600-03 (BD-8)		CONTRACT NO. 60Y92		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* 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.

COMPANY NAME: \$COMPANY_NAME\$
 PROJECT CONTACT: \$PROJECT_CONTACT\$
 DATE PLOTTED: 5/20/2016 2:58:00 PM
 FILE NAME: 0160192-sht1-de1-8022.dgn
 PLOT DRIVER: ILpdfw.dwt
 PEN TABLE: plotlabel.tbl

FILE NAME =	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
c:\projects\diststd22x34\bd22.dgn		DRAWN -	REVISED - R. BORO 01-01-07
		PLOT SCALE = 50.000 ' / IN.	REVISED - R. BORO 09-04-07
		PLOT DATE = 10/27/2008	REVISED - K. ENG 10-27-08
		DATE - 10-25-94	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR
 HMA SURFACED PAVEMENT**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	24
BD400-04 (BD-22)			CONTRACT NO. 60Y92	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

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".

* 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.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ 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.

⑥ 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.

⑦ 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.

⑧ 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.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

COMPANY NAME: #COMPANY NAME#
PROJECT CONTACT: #PROJECT CONTACT#
DATE PLOTTED: 5/20/2016 2:58:11 PM
FILE NAME: 016092-snt-det-8024.dgn
PLOT DRIVER: ILpdf.plt
PEN TABLE: plot.tbl

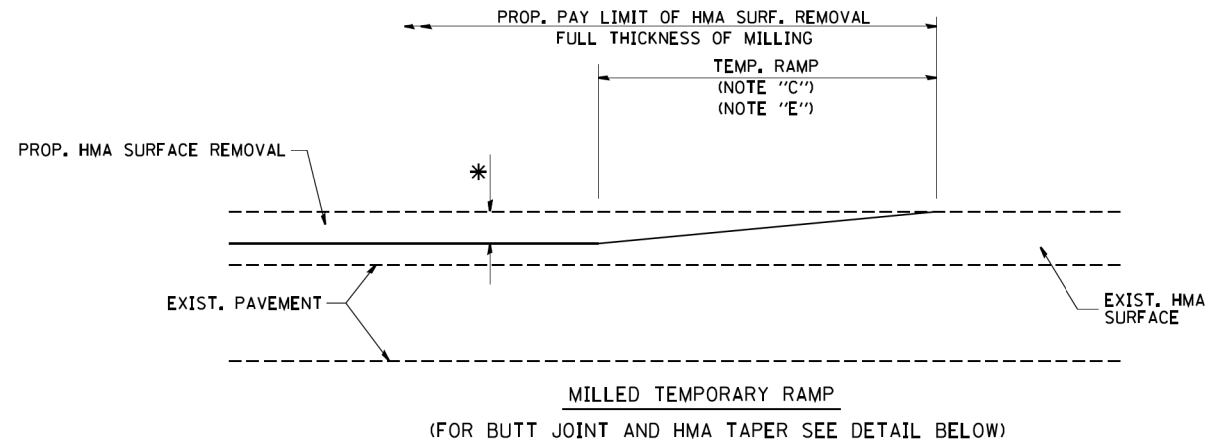
FILE NAME =	USER NAME = drivkosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96
c:\p\work\p\dot\drivkosgn\d0108315\bc24.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01
	PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

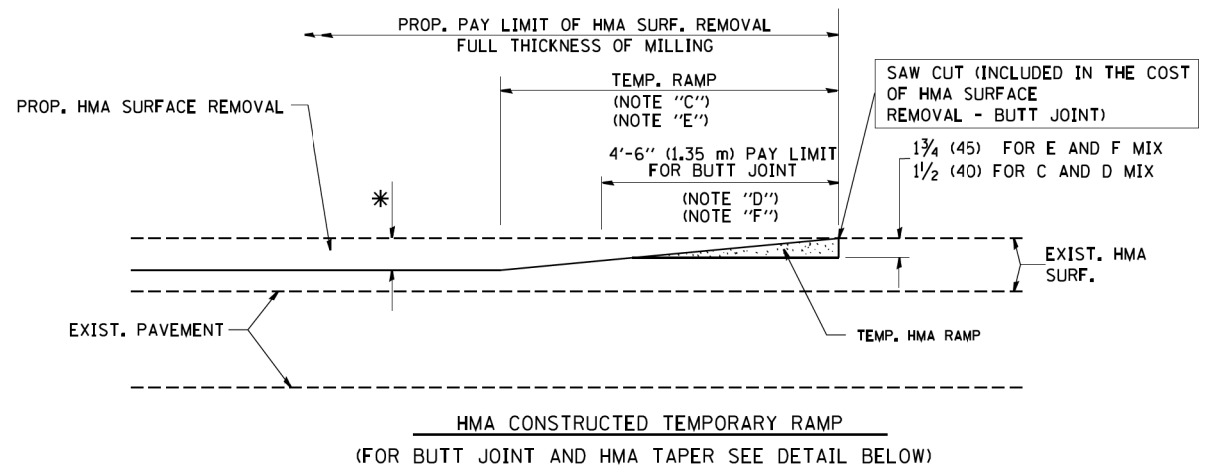
**CURB OR CURB AND GUTTER
REMOVAL AND REPLACEMENT**

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

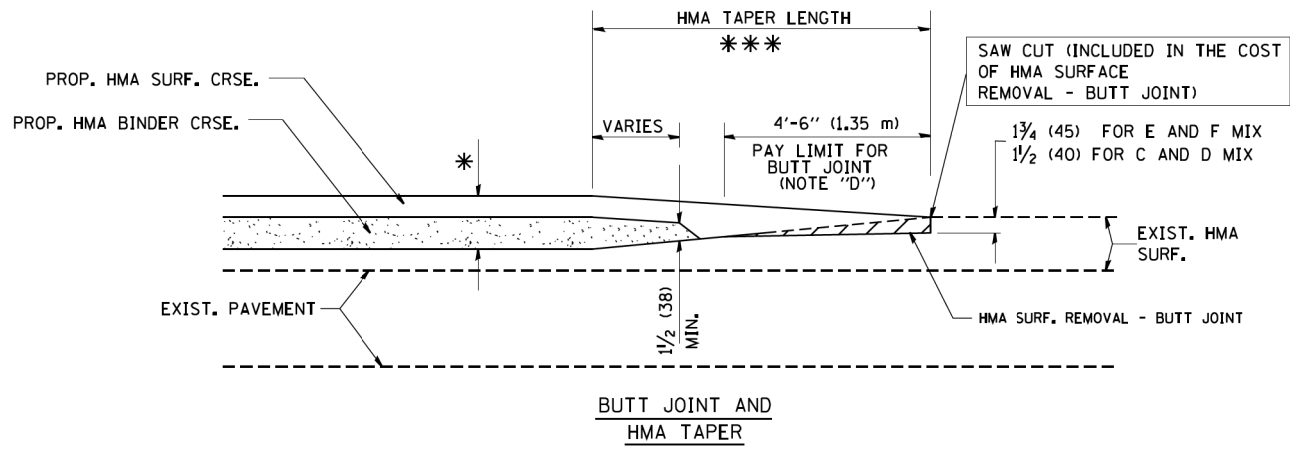
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	25
BD600-06 (BD-24)			CONTRACT NO. 60Y92	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



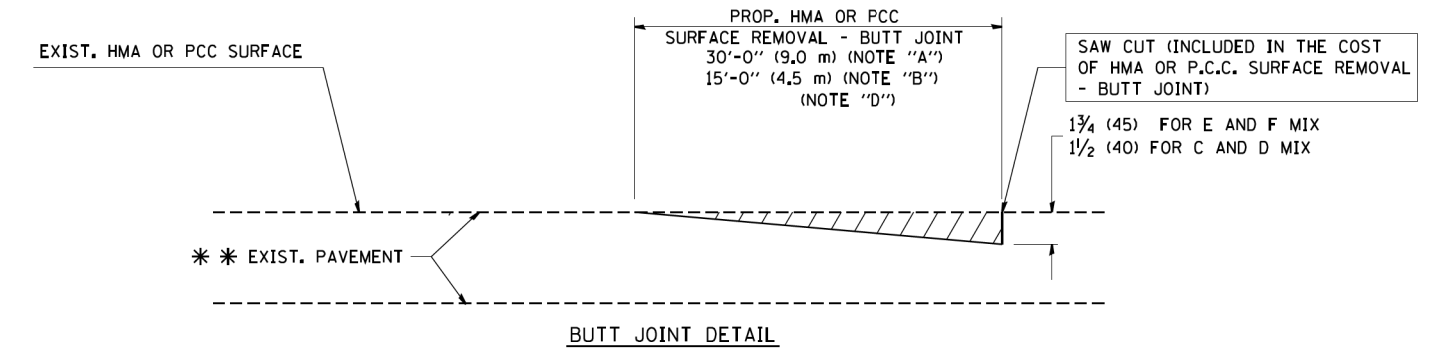
OPTION 1



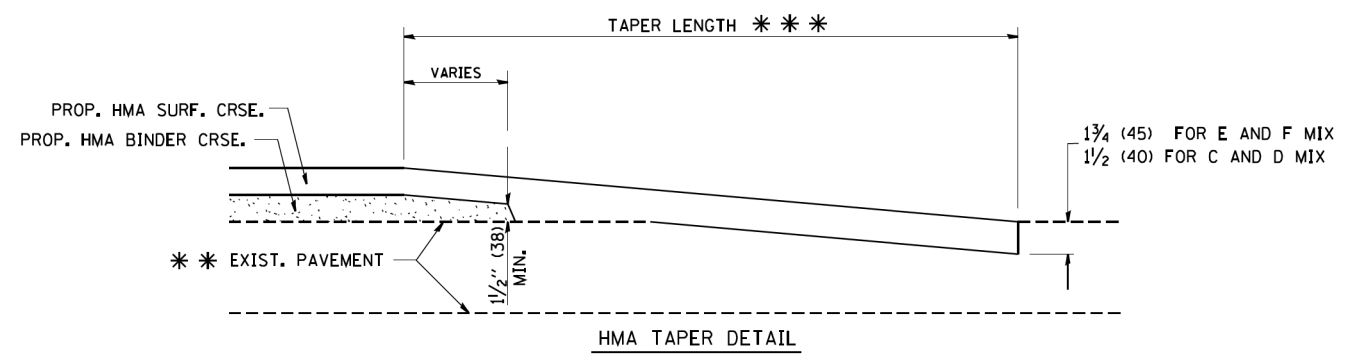
OPTION 2
TYPICAL TEMPORARY RAMP



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.

COMPANY NAME: ***
PROJECT CONTACT: ***
DATE PLOTTED: 5/20/2016 2:58:27 PM
FILE NAME: D:\60992\sh1-det-8032.dgn
PLOT DRIVER: IL\pdf\pwintrfcq
PEN TABLE: plc\table.tbl

FILE NAME = W:\dstata\22x34\bd32.dgn	USER NAME = gegl1enobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

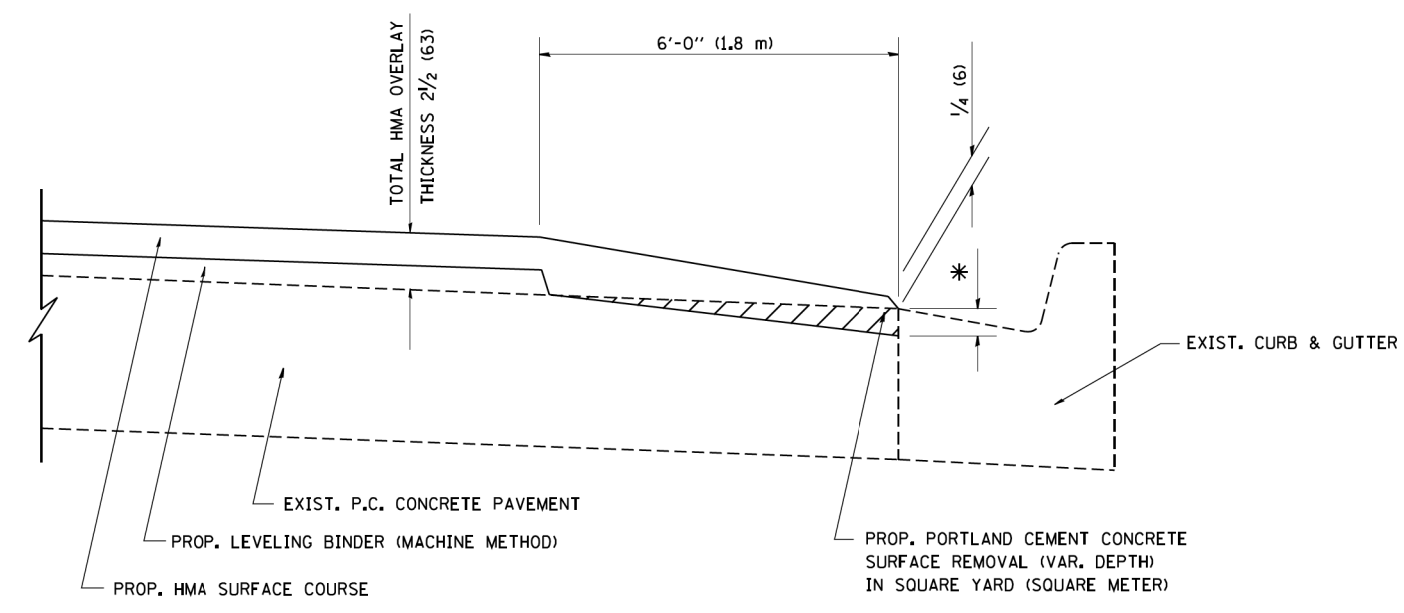
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	26
BD400-05 BD32			CONTRACT NO. 60Y92	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

COMPANY NAME: #COMPANY NAME#
 PROJECT CONTACT: #PROJECT CONTACT#
 DATE PLOTTED: 5/20/2016 2:58:41 PM
 FILE NAME: D:\6092\sh1\det-8033.dgn
 PLOT DRIVER: IL_Pdf_Plotter.fq
 PEN TABLE: plotabel.tbl



**HMA TAPER AT
EDGE OF P.C.C PAVEMENT**

HMA SURFACE		LEVELING BINDER		* MILLING AT GUTTER FLAG
MIX	THICKNESS	THICKNESS		
C OR D	1 1/2 (38)	1 (25)	1 1/4 (33)	
F	1 3/4 (44)	3/4 (19)	1 1/2 (38)	

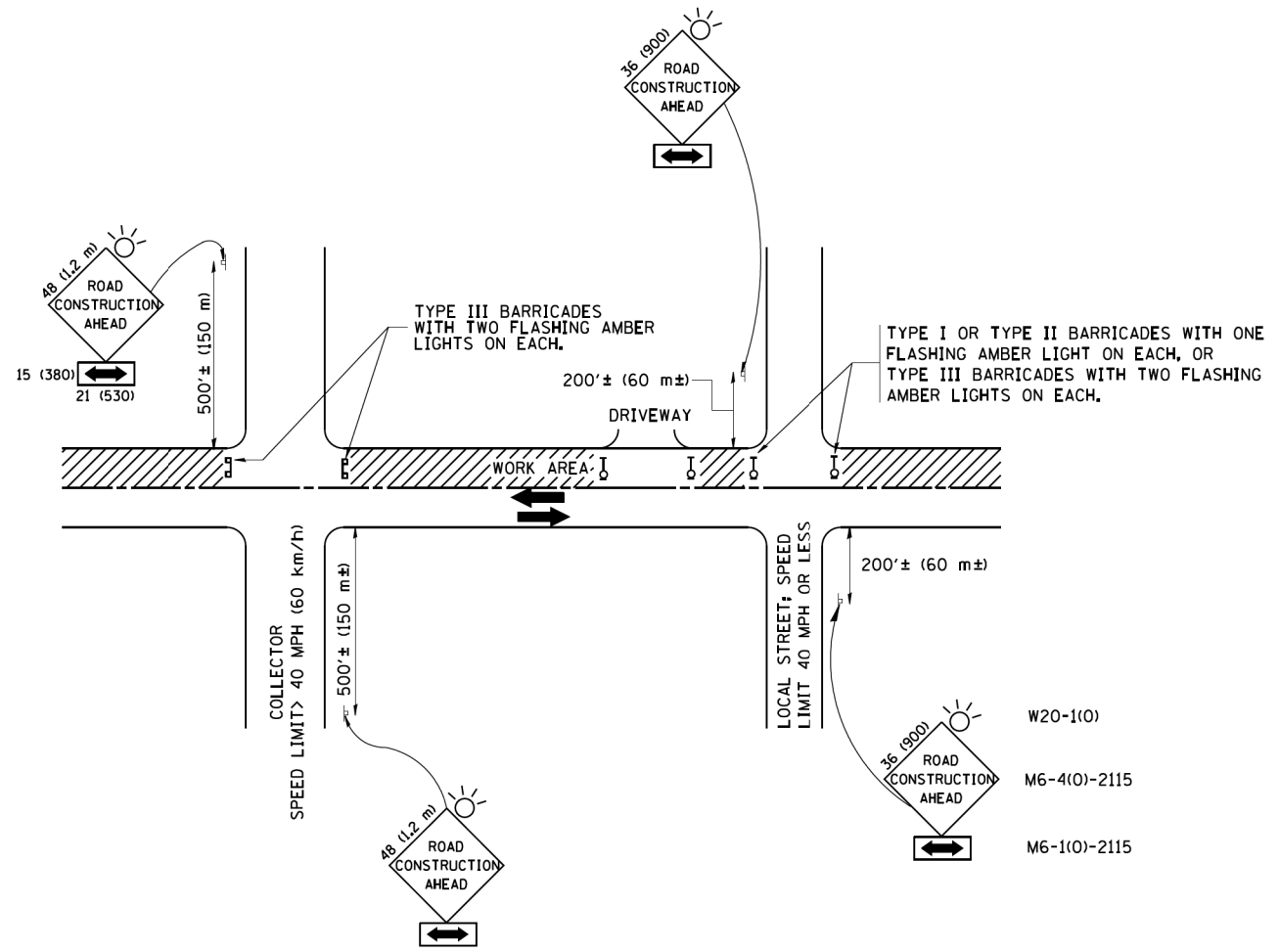
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\diststd\22x34\bd33.dgn	USER NAME = gegl1enobt	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94
		DRAWN - JIS	REVISED - A. ABBAS 05-05-99
	PLOT SCALE = 50.0000' / 1"	CHECKED - A. ABBAS	REVISED - E. GOMEZ 12-21-00
	PLOT DATE = 1/4/2008	DATE - 09-10-94	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HMA TAPER AT EDGE OF P.C.C PAVEMENT			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE. 2612	SECTION 2016-018RS	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 27
BD400-06 (BD33)		CONTRACT NO.	60Y92	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS**
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:**

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.**
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.**

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

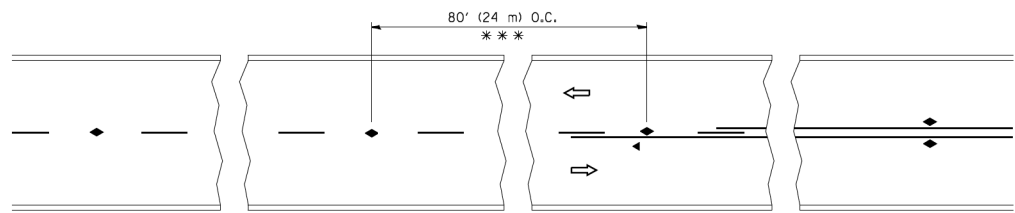
COMPANY NAME: #COMPANY NAMES
PROJECT CONTACT: #PROJECT CONTACTS
DATE PLOTTED: 5/20/2016 2:58:53 PM
FILE NAME: D:\60Y92\sh1-de1-TC10.dgn
PLOT DRIVER: IL_Pdf_PwrtPrf9
PEN TABLE: plc-table.tbl

FILE NAME =	USER NAME = gegl1enobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
W:\diststd\22x34\tcl0.dgn		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

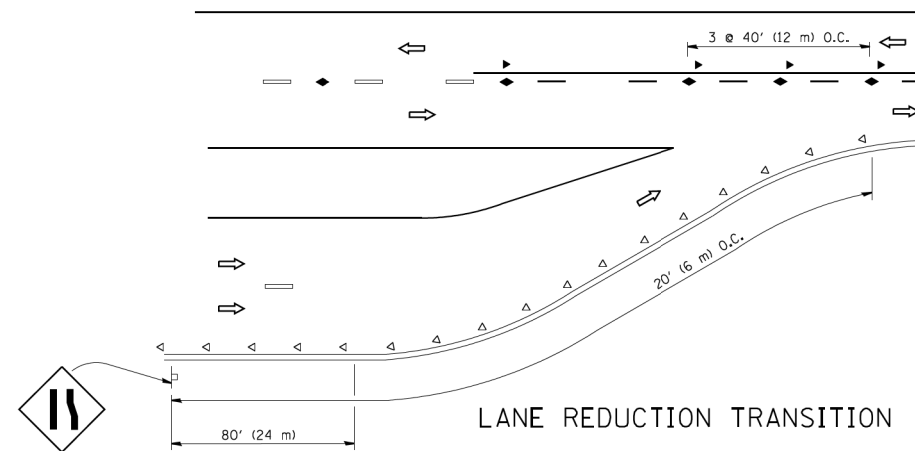
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	28
TC-10		CONTRACT NO.	60Y92	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

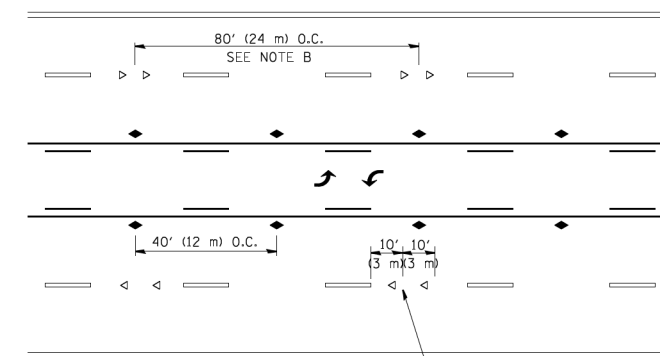


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

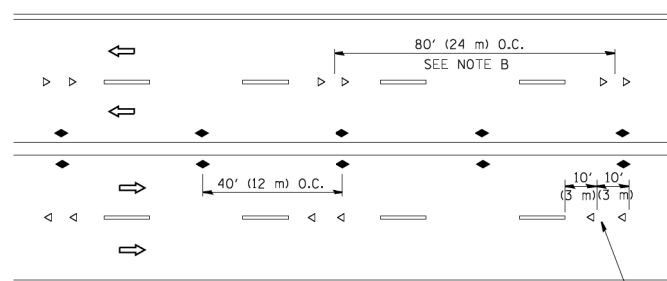
TWO-LANE/TWO-WAY



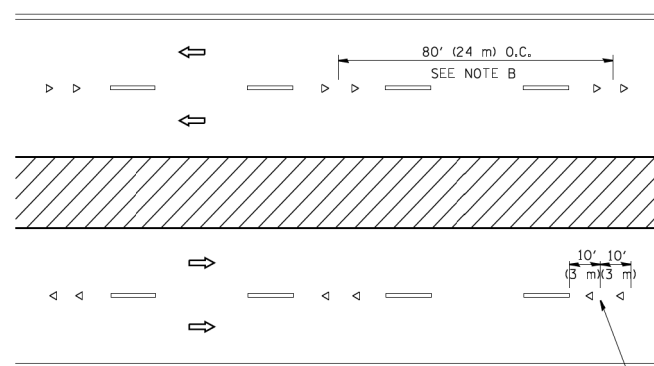
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

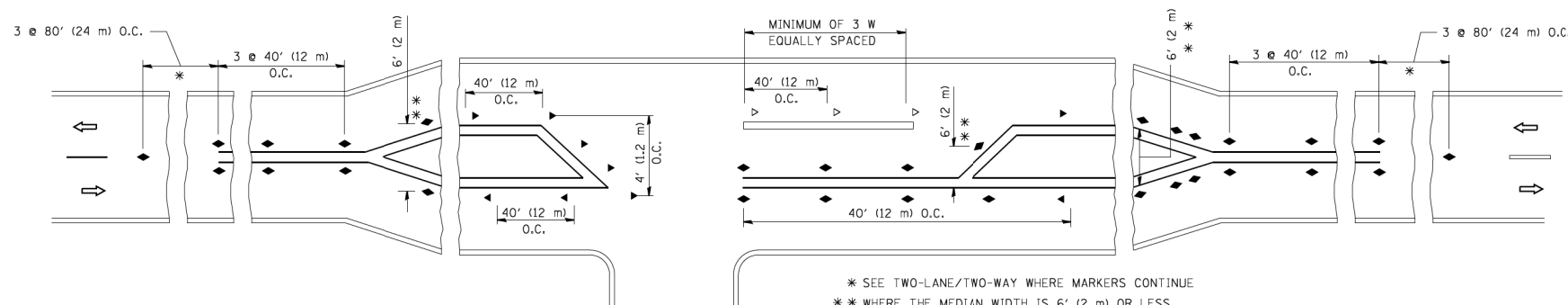
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

COMPANY NAME: #COMPANY NAMES
 PROJECT CONTACT: #PROJECT CONTACTS
 DATE PLOTTED: 5/20/2016 2:58:08 PM
 FILE NAME: 0160Y92-ent-det-TC11.dgn
 PLOT DRIVER: ILpdf.plt
 PEN TABLE: plotlabel.tbl

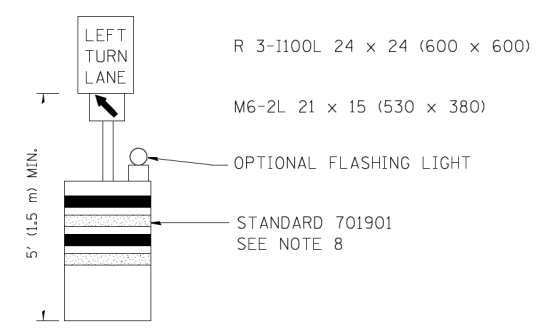
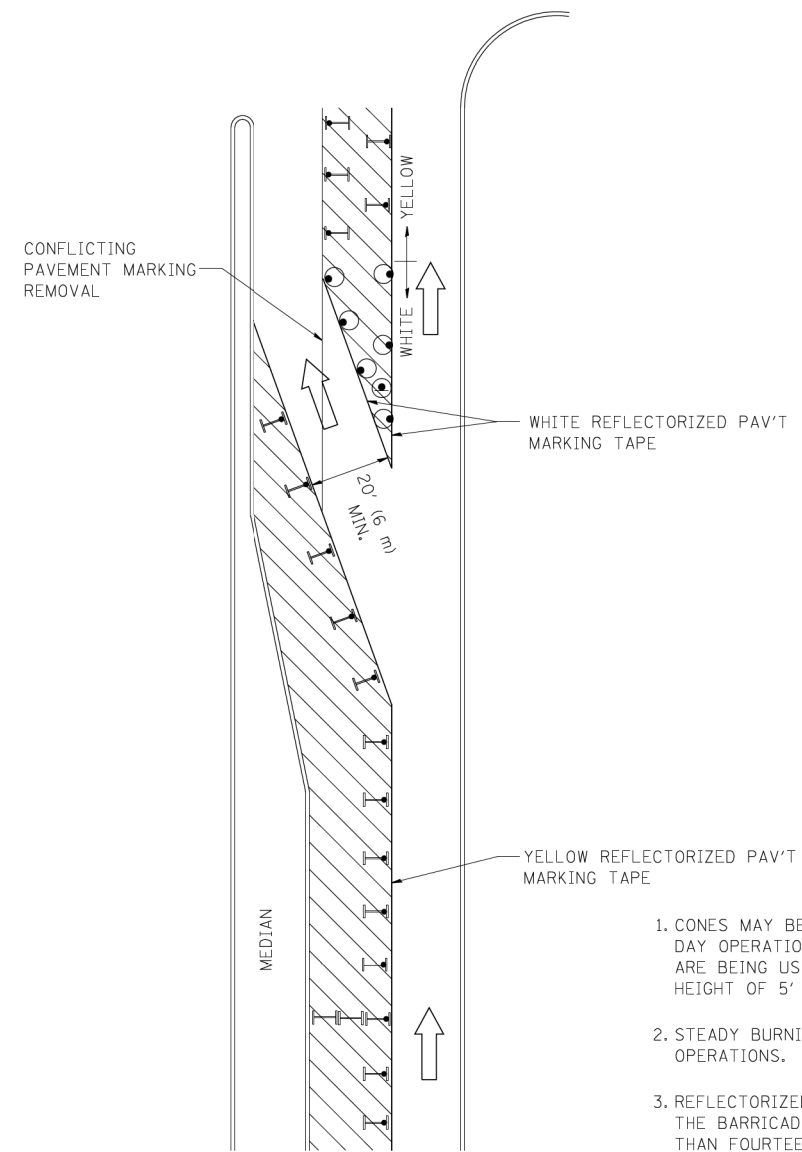
FILE NAME =	USER NAME = lveysa	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
c:\pki\work\pki\dot\veysa\d0108315\tcl1.dgn		DRAWN -	REVISED - T. RAMMACHER 03-12-99
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 3/2/2011	DATE -	REVISED - C. JUCIUS 09-09-09

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS	
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	29
TC-11		CONTRACT NO.	60Y92	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

COMPANY NAME: #COMPANY NAME#
 PROJECT CONTACT: #PROJECT CONTACT#
 DATE PLOTTED: 5/20/2016 2:58:17 PM
 FILE NAME: 0160192-snt-det-TC14.dgn
 PLOT DRIVER: IL_Pdf_PwPlotter
 PEN TABLE: plotabel.tbl









GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

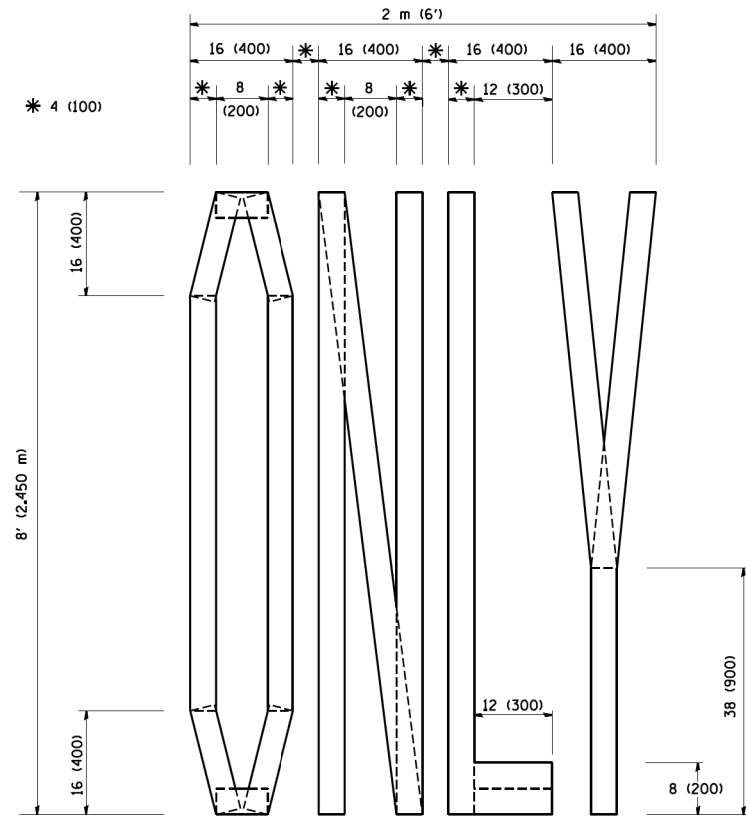
FILE NAME =	USER NAME = drivakosgn	REVISED -T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
ca:\p\work\PWIDOT\DRIVAKOSGN\d0108315\14.dgn		REVISED - A. HOUSEH 11-07-95	REVISED -
		PLOT SCALE = 49.9999' / 1 IN.	REVISED - A. HOUSEH 10-12-96
		PLOT DATE = 9/14/2009	REVISED -T. RAMMACHER 01-06-00

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

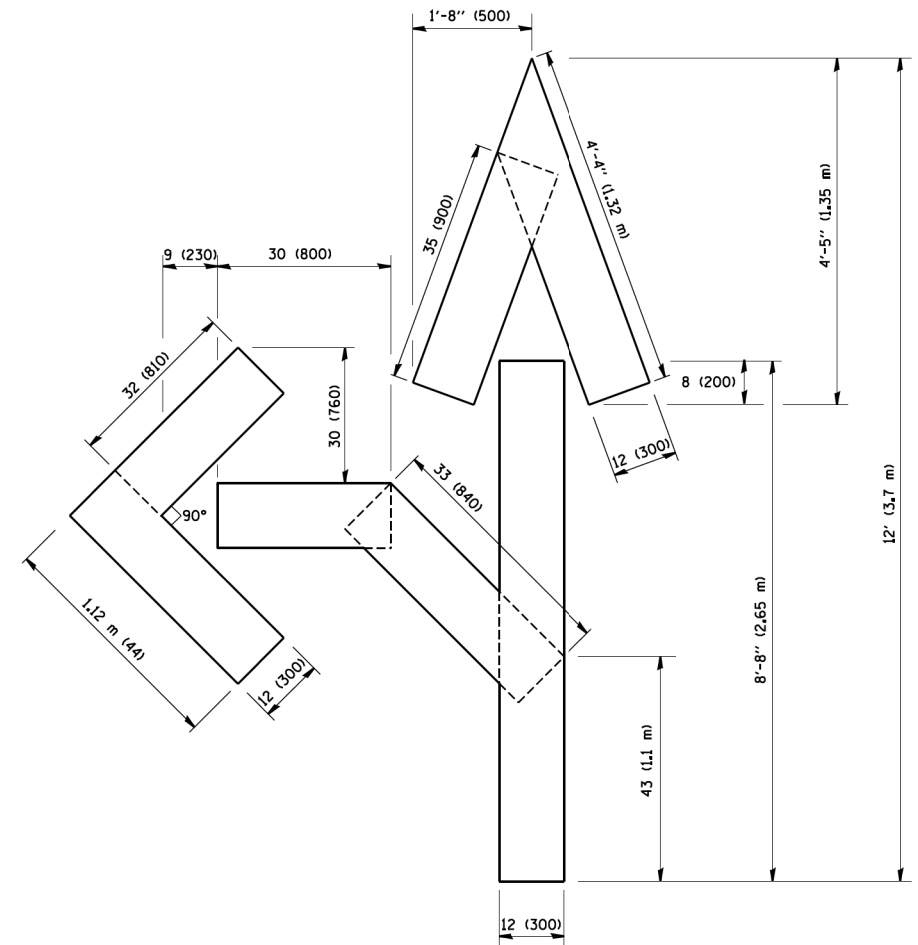
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
 (TO REMAIN OPEN TO TRAFFIC)**

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

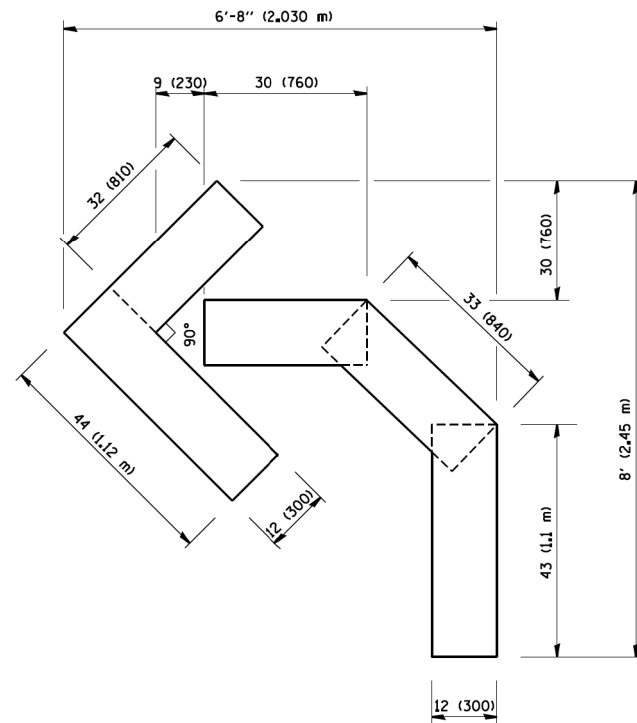
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	31
TC-14			CONTRACT NO.	60Y92
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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



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



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

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

COMPANY NAME: *COMPANY NAME*
 PROJECT CONTACT: *PROJECT CONTACT*
 DATE PLOTTED: 5/20/2016 2:58:50 PM
 FILE NAME: D:\6092\sh1-det-TC16.dgn
 PLOT DRIVER: ILpdfw.dwt
 PEN TABLE: plotlabel.tbl

FILE NAME =
 W:\distata\22x34\tc16.dgn

USER NAME = geglennobt
 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 1/4/2008

DESIGNED -
 DRAWN -
 CHECKED -
 DATE - 09-18-94

REVISED -T. RAMMACHER 06-05-96
 REVISED -T. RAMMACHER 11-04-97
 REVISED -T. RAMMACHER 03-02-98
 REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	32
TC-16			CONTRACT NO. 60Y92	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

COMPANY NAME: #COMPANY NAME#
 PROJECT CONTACT: #PROJECT CONTACT#
 DATE PLOTTED: 5/20/2016 3:00:03 PM
 FILE NAME: D:\6092\sh1-de1-TC22.dgn
 PLOT DRIVER: IL_Pdf_PwPrinter9
 PEN TABLE: pla-table.tbl

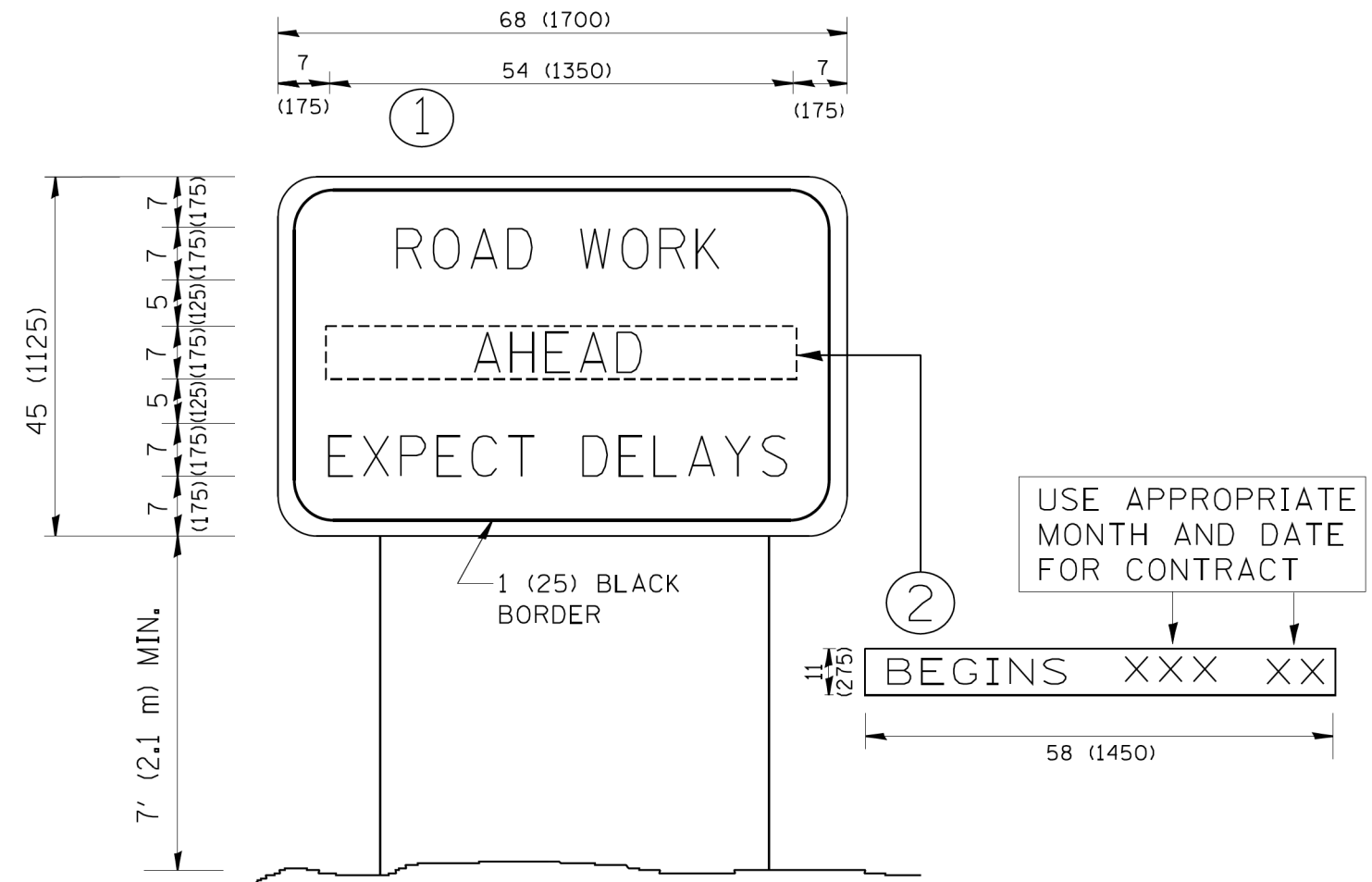
FILE NAME =	USER NAME = gegl1enobt	DESIGNED -	REVISED - R, MIRS 09-15-97
W:\diststd\22x34\tc22.dgn		DRAWN -	REVISED - R, MIRS 12-11-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
 INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	33
TC-22		CONTRACT NO.	60Y92	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



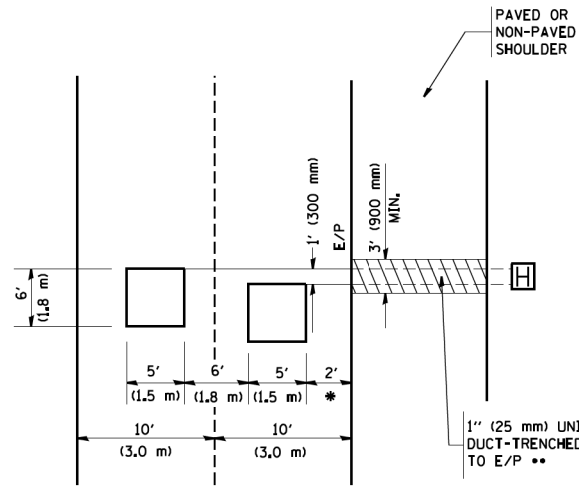
NOTES:

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

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

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

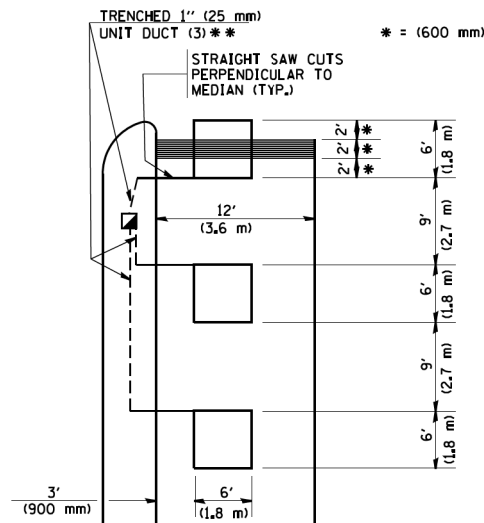


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**

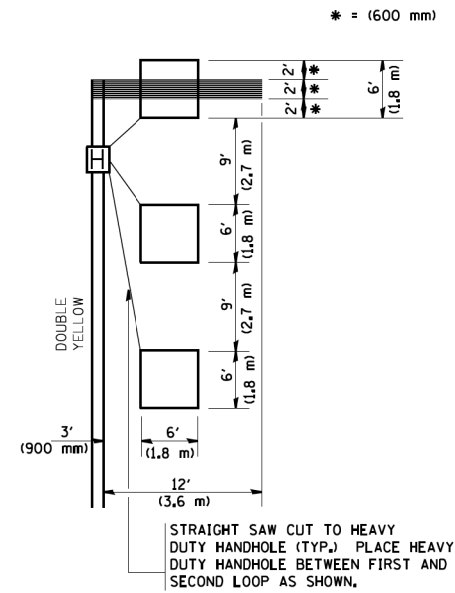
HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)**



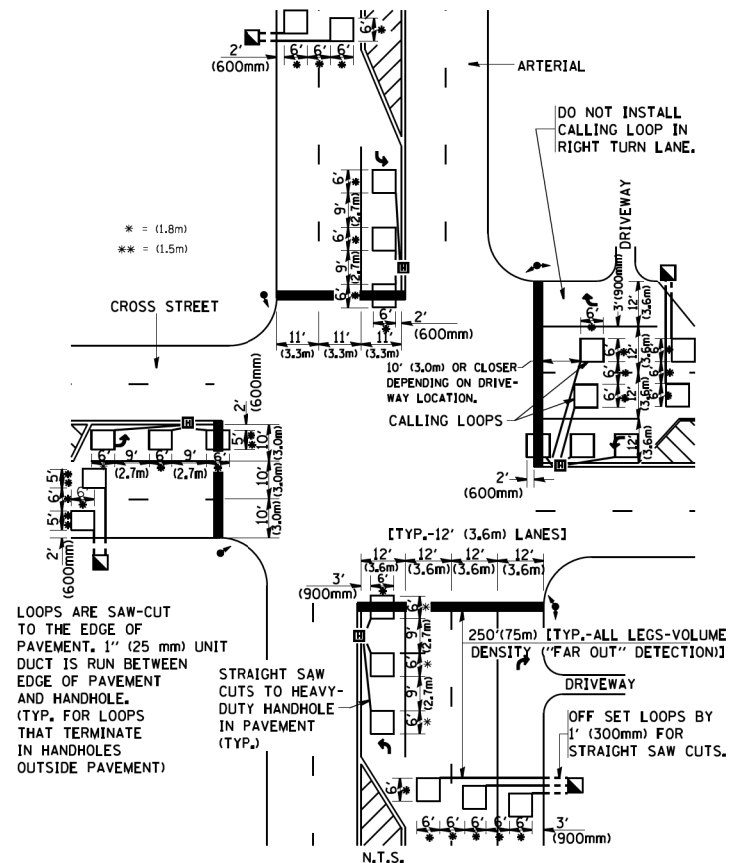
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

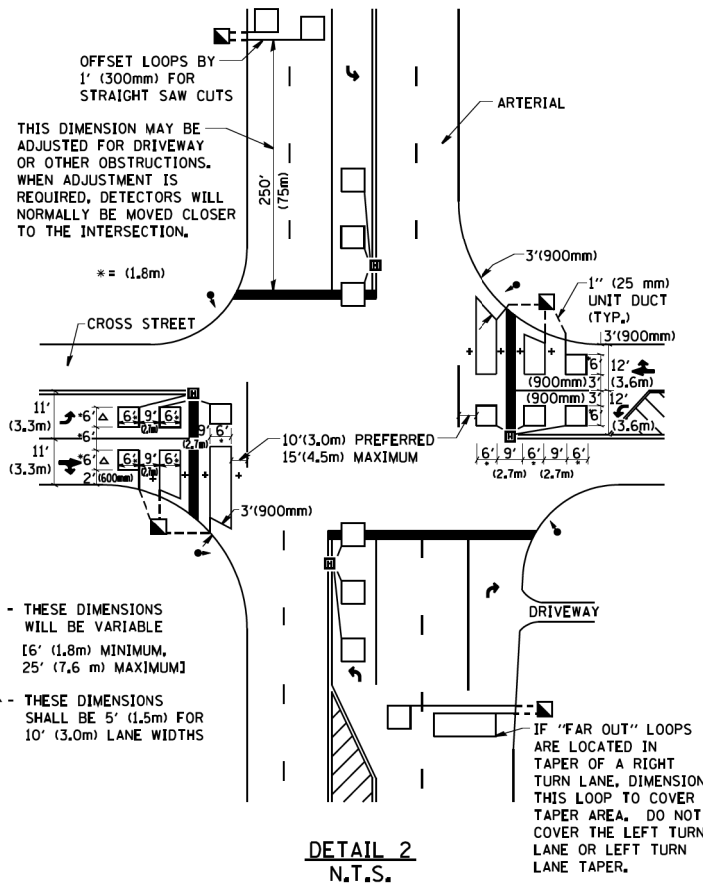
- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)**



**DETAIL 1
N.T.S.**

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



**DETAIL 2
N.T.S.**

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

COMPANY NAME: #COMPANY NAME#
PROJECT CONTACT: #PROJECT CONTACT#
DATE PLOTTED: 5/20/2016 3:00:17 PM
FILE NAME: D:\6092\sh-1\det-1501.dgn
PLOT DRIVER: ILpdf.plt
PEN TABLE: pl-tabel.tbl

FILE NAME = W:\diststa\22x34\ts07.dgn

USER NAME = geglentobt
DESIGNED -
DRAWN -
CHECKED - R.K.F.
DATE -

REVISOR -
REVISION -
REVISION -
REVISION -

REVISOR -
REVISION -
REVISION -
REVISION -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2612	2016-018RS	COOK	34	34
TS-07		CONTRACT NO.	60Y92	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				