### INDEX OF SHEETS

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

### SHEET NO. DESCRIPTION

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# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

**DEE ROAD** 

FROM MANOR LANE TO FARRELL AVENUE SECTION 08-00144-00-SW

PROJECT NO. SRTS-4008(013)

PARK RIDGE / SAFE ROUTES TO SCHOOL PROJECT CITY OF PARK RIDGE

COOK COUNTY

C-40-002-08

### STATE STANDARDS

FIELD

000001-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-04 TEMPORARY EROSION CONTROL SYSTEMS
424001-05 CURB RAMPS FOR SIDEWALKS
602001-01 CATCH BASIN TYPE A
602011-01 CATCH BASIN TYPE C
602301-02 INLET TYPE A
602401-02 MANHOLE TYPE A
602601-02 PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02 CAST IRON STEPS

604001-03 FRAME AND LIDS TYPE 1

604036-02 GRATE TYPE 8 1

701001-02 OFF-RD OPERATIONS, 2L2W - MORE THAN 15' AWAY

701006-03 OFF-RD OPERATIONS, 2L2W - 15' TO 24" FROM PAVEMENT EDGE

701011-02 OFF-RD MOVING OPERATIONS, 2L2W DAY ONLY 701301-03 LANE CLOSURE, 2L2W SHORT TIME OPERATIONS

701501-05 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-04 LANE CLOSURE MULTILÂNE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE

701901-01 TRAFFIC CONTROL DEVICES

PROJECT ENDS

STA. 23+90

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

CONSULTANT ENGINEER:
SHIRLEY CHOI, P.E. CIVILTECH ENGINEERING, INC.

AND TO SCALE

TABLETICS MAP

NOTICE BEGINS

STA. 11+12

PROJECT LENGTH:

1278 FEET NET AND GROSS (0.242 MILE)

POSTED SPEED: DEE ROAD - 25 MPH

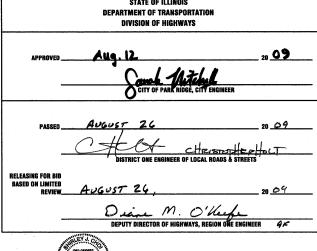
CONTRACT NO. 63279

# CARROLL OGLE WHITESIDE LEE WHITESIDE WHENCER WHENCER WHITESIDE LEE WHENCER WHENCER

08-00144-00-SW

FED. ROAD DIST. NO. 1 ILLINOIS

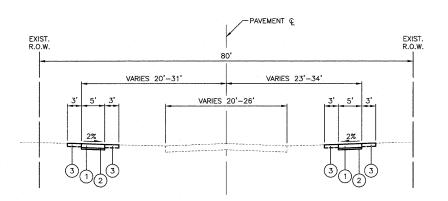
COOK 15



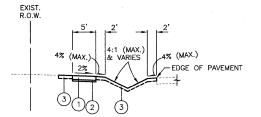


CIVILTECH

450 E. Devon Ave, Suite 300 - Itasca, Illinois 60143
Tel: 630.773.3900 - Fax: 630.773.3975



### PROPOSED TYPICAL SECTION



## PROPOSED TYPICAL SECTION AT SWALE

### LEGEND

- 1 P.C.C. SIDEWALK, 5", SPECIAL
- (2) SUB-BASE GRANULAR MATERIAL, TYPE B, 2" (INCIDENTAL TO P.C.C. SIDEWALK, 5" SPECIAL)
- (3) TOPSOIL FURNISH AND PLACE, 4"

### HMA MIXTURE REQUIREMENT

ITEM	AC TYPE	VOIDS
CLASS D PATCHES, 9" (BINDER IL-19mm)	PG 64-22*	4% @ 70 GYR
HOT MIX ASPHALT SURFACE COURSE, MIX "C", N50, IL-9.5mm (FOR HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 2")	PG 64-22	4% @ 50 GYR
HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50 (FOR HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 2¾")	PG 64-22*	4% @ 50 GYR

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

\* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

### GENERAL

- . ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2007.
- 2. ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED AS THE RESIDENT ENGINEER.
- 3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING. SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2009; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", (IMUTCD); THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", (SSTCI), "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" MAY 1996 FIFTH EDITION, THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
- 4. DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 AND THE CITY OF PARK RIDGE FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- ALL UTILITY COMPANIES, LOCAL POLICE AND FIRE DEPARTMENTS SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET TO THE SATISFACTION OF THE ENGINEER.
- B. THE CONTRACTOR SHALL SAW CUT PAVEMENT AND CURB & GUTTER AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER TO SEPARATE THE EXISTING MATERIAL TO BE REMOVED BY MEANS OF AN APPROVED SAW TO A DEPTH AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE ITEM BEING REMOVED.
- CARE SHALL BE TAKEN BY THE CONTRACTOR NOT TO DAMAGE THE MATERIALS REMAINING DIRECTLY ADJACENT TO THE MATERIAL TO BE REMOVED. ANY DAMAGE TO THE EXISTING MATERIAL RESULTING FROM THE MATERIAL REMOVAL OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 10. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED EACH LOCATION.
- 11. ALL DIMENSIONS AND OFFSETS ARE FROM THE CENTERLINE OF EXISTING DEE ROAD UNLESS OTHERWISE NOTED.
- 12. PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 13. ALL WASTE MATERIAL SHALL BE LEGALLY DISPOSED OF OUTSIDE OF THE LIMITS OF THE RIGHT—OF—WAY AT THE CONTRACTOR'S EXPENSE.
- 14. THE CONTRACTOR SHALL NOT CROSS COMPLETED SIDEWALK, OR EXISTING PAVEMENT NOT SCHEDULED TO BE REMOVED, WITH ANY CONSTRUCTION EQUIPMENT THAT MAY CAUSE DAMAGE TO THE SIDEWALK OR PAVEMENT. ANY DAMAGE WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EVPENCE.
- 15. SITE OBJECTS: REMOVAL AND DISPOSAL OF MISCELLANEOUS PARKWAY IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, BLOCK RETAINING WALLS, CONCRETE RETAINING WALLS, LANDSCAPE TIMBERS, FENCES, FENCE POSTS, PLANTERS, VEGETATION, BRICK OR BRICK PAVER WALKWAYS WITHIN R.O.W. LIMITS SHALL BE INCLUDED IN THE PAY ITEM FOR "EARTH EXCAVATION".

### EROSION CONTROL

 ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL", AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.

**GENERAL NOTES** 

- THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES
  PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY
  NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID
  MEASURES SHALL BE MADE IMMEDIATELY.
- 3. INLET FILTERS SHALL BE PLACED PRIOR TO CONSTRUCTION.
- 4. A COPY OF THE APPROVED EROSION CONTROL PLAN SHALL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
- ALL DISTURBED AREAS SHALL DRAIN TO APPROVED EROSION AND SEDIMENT CONTROL DEVICES AT ALL TIMES DURING LAND-DISTURBING ACTIVITIES UNTIL FINAL STABILIZATION IS ACHIEVED.
- INLET PROTECTION AROUND DRAINAGE STRUCTURES SHALL BE LEFT IN PLACE UNTIL VEGETATION IS ESTABLISHED, OR AS OTHERWISE DIRECTED BY THE ENGINEER.
- 7. SEDIMENT AND MUD DEPOSITS SHALL BE REMOVED FROM THE ROADWAY AT THE END OF EACH WORK DAY BY SHOVELING AND/OR SWEEPING.
- 8. SEE STANDARD 280001 FOR ADDITIONAL EROSION CONTROL DETAILS.

### STORM SEWERS, STRUCTURES, AND UTILITIES

- 1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILLITY COMPANIES. THE LOCATION OF PUBLIC OR PRIVATE UTILLITES SHOWN ON THE PLANS ARE APPROXIMATE AND THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY. THE CONTRACTOR WILL BE REQUIRED TO ASCERTAIN THE EXACT LOCATION OF SUCH UTILLITIES AND EXERCISE CARE DURING HIS CONSTRUCTION OPERATIONS SO AS NOT TO DAMAGE THEM IN ACCORDANCE WITH THE SPECIAL PROVISIONS AND APPLICABLE ARTICLES INCLUDED IN THE "STANDARD SPECIFICATIONS" INCLUDING, BUT NOT LIMITED TO, 105.07 AND 107.31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILLITIES SO THAT THEIR FACILITIES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE STANT OF THE CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILLITY OWNERS AS PROVIDED FOR IN THE "STANDARD SPECIFICATIONS."
- THE COST OF MAKING STORM SEWER CONNECTIONS TO EXISTING OR PROPOSED SEWER OR DRAINAGE STRUCTURES SHALL BE INCIDENTAL TO THE COST OF THE STORM SEWER BEING CONNECTED.
- 3. THE STATION/OFFSET/ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES ARE DIMENSIONED TO THE CENTER OF STRUCTURE.
- 4. THE CONTRACTOR SHALL DETERMINE WHEN FLAT SLAB TOPS ARE REQUIRED ON MANHOLES. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR THE USE OF FLAT SLAB TOPS.
- 5. THE CONTRACTOR SHALL MAINTAIN FLOWS THROUGH EXISTING SEWER SYSTEMS AT ALL TIMES. THE EXISTING STRUCTURES ARE TO BE INSPECTED BEFORE CONSTRUCTION STARTS. ANY ACCUMULATION OF MATERIAL IN THE STRUCTURE DUE TO CONSTRUCTION OPERATIONS SHALL BE REMOVED BY THE CONTRACTOR AT HIS EXPENSE.
- 6. WHEN EXISTING DRAINAGE FACILITES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PROVIDE AND TO PUBLIC DRAINS, SEWERS OR STRUCTURES. HE SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS, AND DISCHARGE THE SAME. HE SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESARY, AND A TEMPORARY OUTLET. HE SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT CONNECTIONS WITH SEWERS ARE BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT.
- WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE "STANDARD SPECIFICATIONS" USING METHOD ONE.
- 8. WHEN, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN DRAINAGE STRUCTURES AND THE FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS ALL DRAINAGE STRUCTURES (NEW AND EXISTING) SHALL BE FREE FROM ALL DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

### SIGNING & LANDSCAPING

- ANY SIGNS WHICH ARE DAMAGED BY THE CONTRACTOR BEYOND REPAIR DURING CONSTRUCTION OPERATIONS SHALL BE REPLACED IN KIND BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.
- WHEN DIRECTED BY THE ENGINEER, SUPPLEMENTAL WATERING SHALL BE APPLIED TO ALL SODDED AREAS PRIOR TO FINAL ACCEPTANCE AT A RATE SPECIFICED BY THE ENGINEER AND IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS" AND SPECIAL PROVISIONS.
- THE CONTRACTOR SHALL ADHERE TO LIMITS OF CONSTRUCTION SHOWN ON THE EROSION CONTROL PLANS. AREAS OUTSIDE THESE LIMITS THAT ARE DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

### TREE REMOVAL, CLEARING AND HEDGE REMOVAL

- ALL TREES ARE DESIGNATED TO BE SAVED UNLESS OTHERWISE NOTED ON THE PLANS AND SHALL BE PROTECTED IN ACCORDANCE WITH THE PROVISIONS OF ARTICLE 201 OF THE "STANDARD SPECIFICATIONS".
- ALL CLEARING AND REMOVAL OF BUSHES, HEDGES AND TREES UNDER 6" IN DIAMETER WILL BE INCIDENTAL TO THE COST OF EARTH EXCAVATION.
- THE CONTRACTOR'S ATTENTION IS CALLED TO THE SPECIAL PROVISION FOR "PRESERVATION OF TREES AND SHRUBS", WHICH STRESSES THE IMPORTANCE OF PRESERVING AS MUCH EXISTING FOLIAGE AS POSSIBLE DURING THE CONSTRUCTION OF THIS IMPROVEMENT.

### MAINTENANCE OF TRAFFIC GENERAL NOTES

- TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIAL PROVISIONS FOR THIS PROJECT, SECTION 701 OF THE I.D.O.T. "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", THE APPLICABLE GUIDELINES IN THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", AND THE APPLICABLE STANDARDS FOR TRAFFIC CONTROL.
- EXISTING TRAFFIC CONTROL DEVICES ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGE CAUSED BY HIS WORK WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- 3. ANY DROP-OFF GREATER THAN THREE INCHES WITHIN EIGHT FEET OF THE PAVEMENT EDGE, SHALL BE PROTECTED BY TYPE II BARRICADES EQUIPPED WITH MONO-DIRECTIONAL STEADY-BURN LIGHTS SPACED AT 50' CENTERS. BARRICADES THAT MUST BE PLACED IN EXCAVATED AREAS SHALL HAVE LEG EXTENSIONS INSTALLED SUCH THAT THE TOP OF THE BARRICADE IS IN COMPLIANCE WITH THE HEIGHT REQUIREMENTS OF I.D.O.T. STANDARD 701901-01
- THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND SIGNS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE FOR "TRAFFIC CONTROL AND PROTECTION".
- 5. I.D.O.T. TRAFFIC CONTROL STANDARDS LISTED ON THE COVER SHEET SHALL BE USED AS GUIDES IN IMPLEMENTING TRAFFIC CONTROL FOR THIS PROJECT.
- 6. MONO-DIRECTIONAL FLASHING LIGHTS SHALL BE MOUNTED ON ALL "ROAD WORK" SIGNIS
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2)
  WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED ONE
  (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.

ILE NAME =	USER NAME =	DESIGNED SJC	REVISED —
		DRAWN SJC	REVISED —
	PLOT SCALE =	CHECKED JRV	REVISED —
	PLOT DATE =	DATE 08/12/2009	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DEE ROAD
TYPICAL SECTIONS & GENERAL NOTES

U. SECTION COUNTY TOTAL SHEETS NO.

08-00144-00-SW COOK 15 2

CONTRACT NO. 63279

SHEET NO. 2 OF 15 SHEETS STA. TO STA.

### SUMMARY OF QUANTITIES

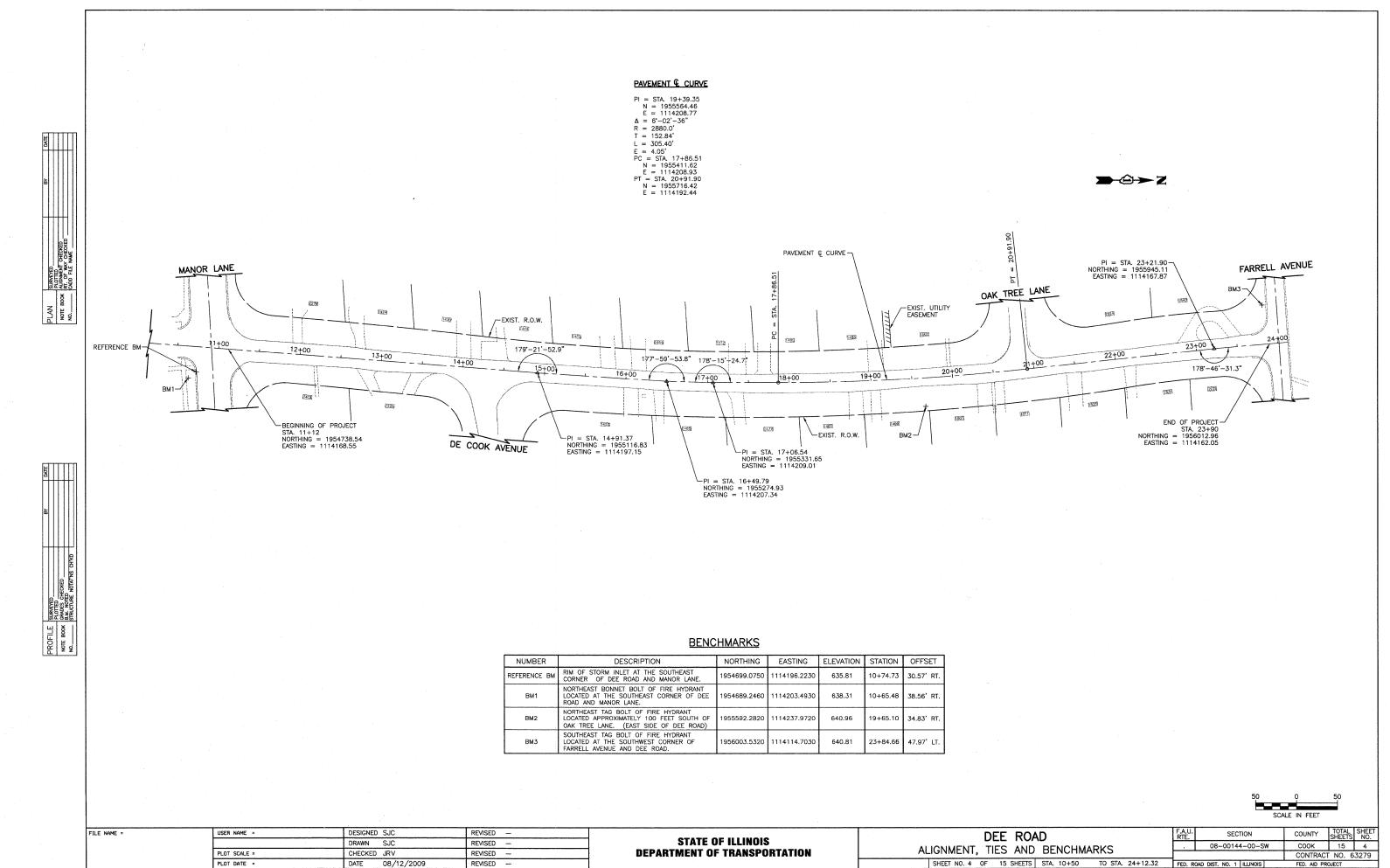
ODED PAY	ITEM	UNIT	TOTAL QUANTITY	ROADWAY SFTY-1B
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	66	61
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	61	6
20101000	TEMPORARY FENCE	FOOT	760	76
20101200	TREE ROOT PRUNING	EACH	44	4
		EACH	14	1
	TREE PRUNING (1 to 10 INCH DIAMETER)	EACH	11	
	TREE PRUNING (OVER 10 INCH DIAMETER)			55
20200100	EARTH EXCAVATION	CUYD	558	
20800150	TRENCH BACKFILL	CUYD	40	4
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQYD	2940	294
21300010	EXPLORATION TRENCH, SPECIAL	FOOT	20	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	37	
25000500	PHOSPHORUS FERTILIZER NUTRIGNT	POUND	37	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	37	
	SODDING, SALT TOLERANT	SQYD	2940	29
		UNIT	36	
	SUPPLEMENTAL WATERING	FOOT	200	2
28000400	PERIMETER EROSION BARRIER			
28000510	INLET FILTERS	EACH	21	
42001300	PROTECTIVE COAT	SQYD	1464	14
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQYD	85	
42400430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQFT	12350	123
42400800	DETECTABLE WARNINGS	SQFT	147	1
44000200	DRIVEWAY PAVEMENT REMOVAL	SQYD	670	(
44000600	SIDEWALK REMOVAL	SQFT	41	
	CLASS D PATCHES, TYPE II, 9 INCH	SQYD	50	
	/	FOOT	312	
		FOOT	3	
	STORM SEWERS, CLASS A, TYPE 1 10"			
550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	35	-

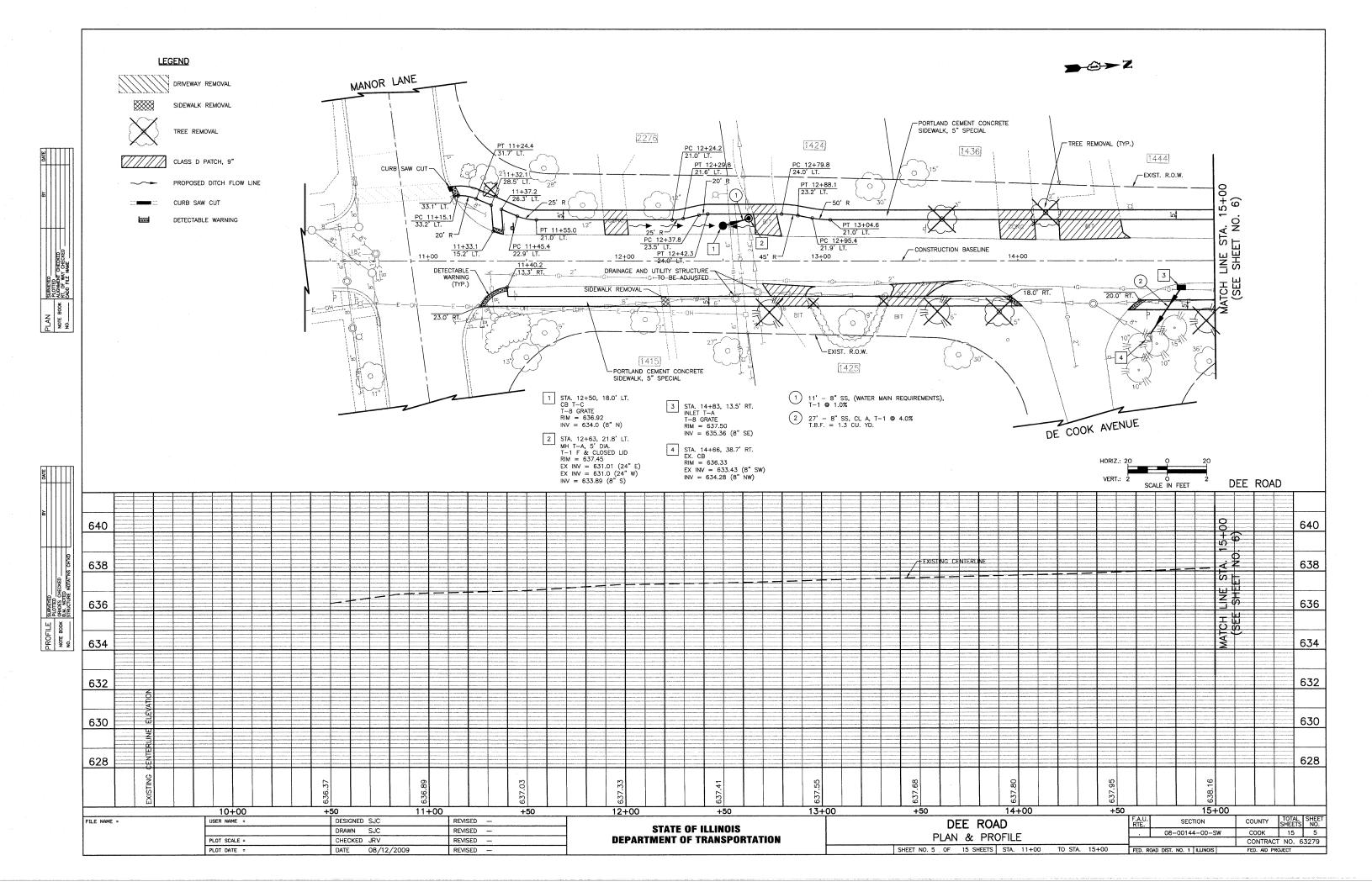
CODED PAY	ITEM	UNIT	TOTAL QUANTITY	ROADWAY SFTY -/B
55039700	STORM SEWERS TO BE CLEANED	FOOT	200	200
55100200	STORM SEWER REMOVAL 6"	FOOT	7	7
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	3	3
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	2	2
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	
	INLETS, TYPE A, TYPE 8 GRATE	EACH	3	3
	MOBILIZATION	L. SUM	1	
	TRAFFIC CONTROL AND PROTECTION	L. SUM	1	
		EACH	2	
	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	FOOT	24	2.
	TELESCOPING STEEL SIGN SUPPORT			
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	432	43
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	113	11
78300100	PAVEMENT MARKING REMOVAL	SQFT	283	28
Z0017400	DRAINAGE & UTILITY STRUCTURE TO BE ADJUSTED	EACH	5	
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	4	
Z0077700	WOOD FENCE TO BE REMOVED AND RE-ERECTED	FOOT	15	1
LR430030	CONCRETE PAVER PAVEMENT	SQYD	254	25
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	22	2
XX003668	PRECONSTRUCTION VIDEO TAPING	L. SUM	1	
XX004653	CURB SAW CUT	FOOT	25	2
XX006806	HOT-MIX ASPHALT DRIVEWAY PAVEMENT	SQYD	128	12
A2005620	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	
	TREE, PLATANUS OCCIDENTALIS (SYCAMORE), 3" CALIPER, BALLED AND BURLAPPED	EACH	5	
	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 3" CALIPER, BALLED AND BURLAPPED	EACH	5	
	TREE, SYRINGA RETICULATA (JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	5	
52006220		FOOT	11	
	STORM SEWERS, (WATER MAIN REQUIREMENTS) TYPE 1, 8"	1001	1	

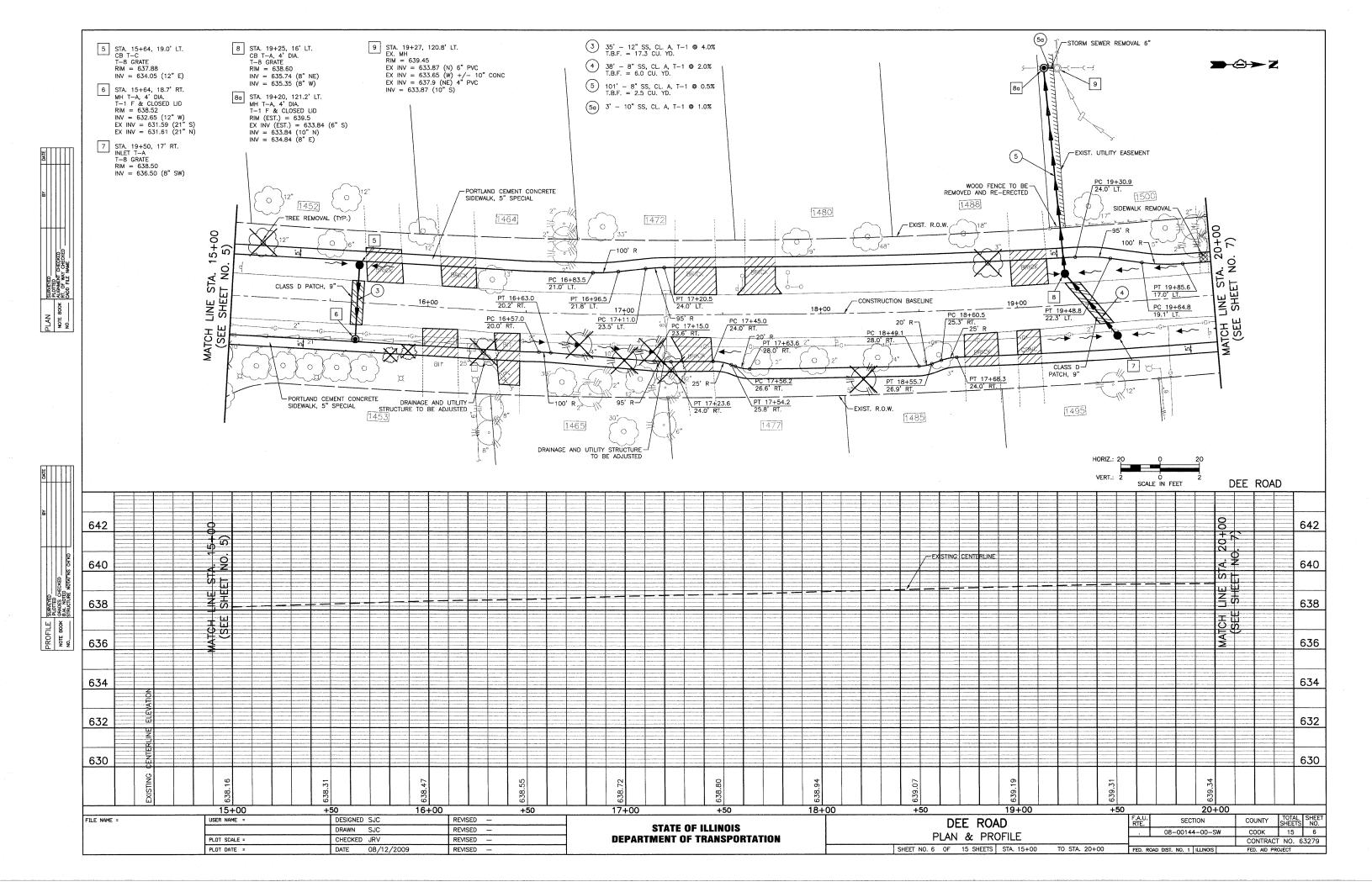
<sup>^</sup> DENOTES SPECIALTY ITEM

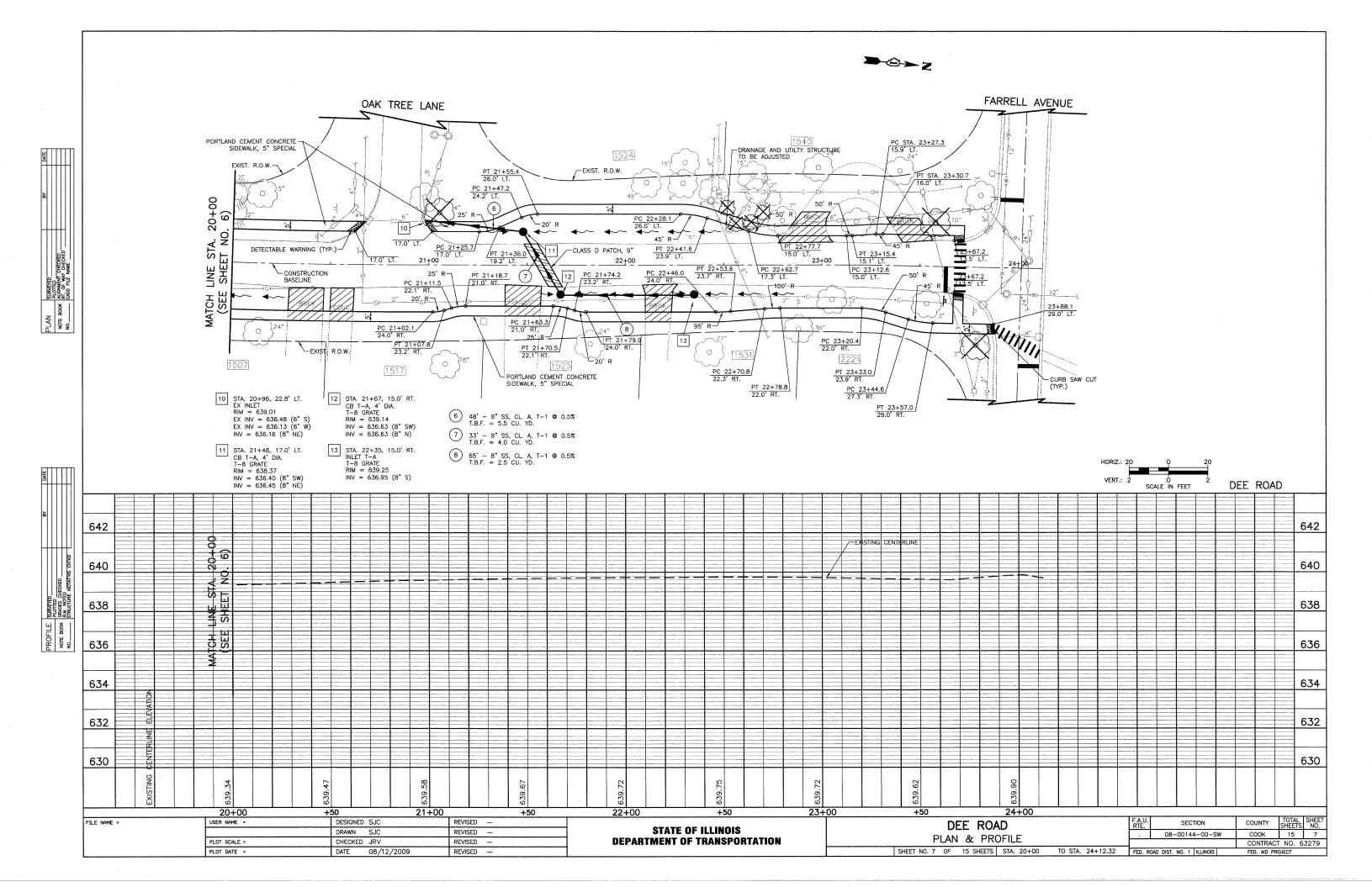
<sup>\*</sup> DENOTES SPECIAL PROVISION

	FILE NAME = USER NAME =		DESIGNED SJC	REVISED —		DEE ROAD	F.A.U. RTE. SECTION	COUNTY TOTAL SHEET NO.
			DRAWN SJC REVISED —		STATE OF ILLINOIS	SUMMARY OF QUANTITIES	. 08-00144-00-SW	COOK 15 3 CONTRACT NO. 63279
		PLOT SCALE =	CHECKED JRV	REVISED —	DEPARTMENT OF TRANSPORTATION	SHFFT NO. 3 OF 15 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT
	`~	PLOT DATE =	DATE 08/12/2009	REVISED —		O.C.		



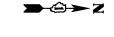


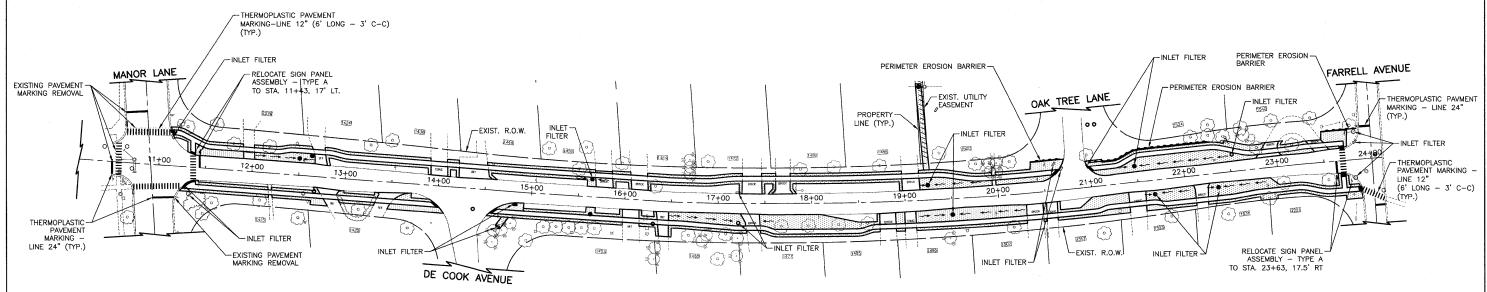






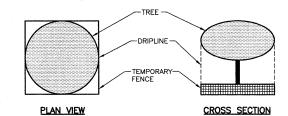






### TEMPORARY FENCE

TEMPORARY FENCING SHALL BE ERECTED ALONG THE DRIP LINE OF ALL TREES AND SHRUBS WITHIN THE LIMITS OF CONSTRUCTION DESIGNATED TO REMAIN IN ORDER TO PROTECT AGAINST THE MANEUVERING OF MACHINERY OR STOCKPILING OF MATERIALS WITHIN THE ROOT ZONE OF THE TREES TO REMAIN. (SEE DETAILS BELOW FOR GUIDANCE.)



PROTECTION OF EXISTING TREES USING TEMPORARY FENCING

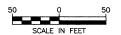
### NOTE:

CONTRACTOR SHALL WORK WITH THE CITY FORESTER TO DETERMINE THE LOCATION OF NEW TREES TO BE PLANTED.

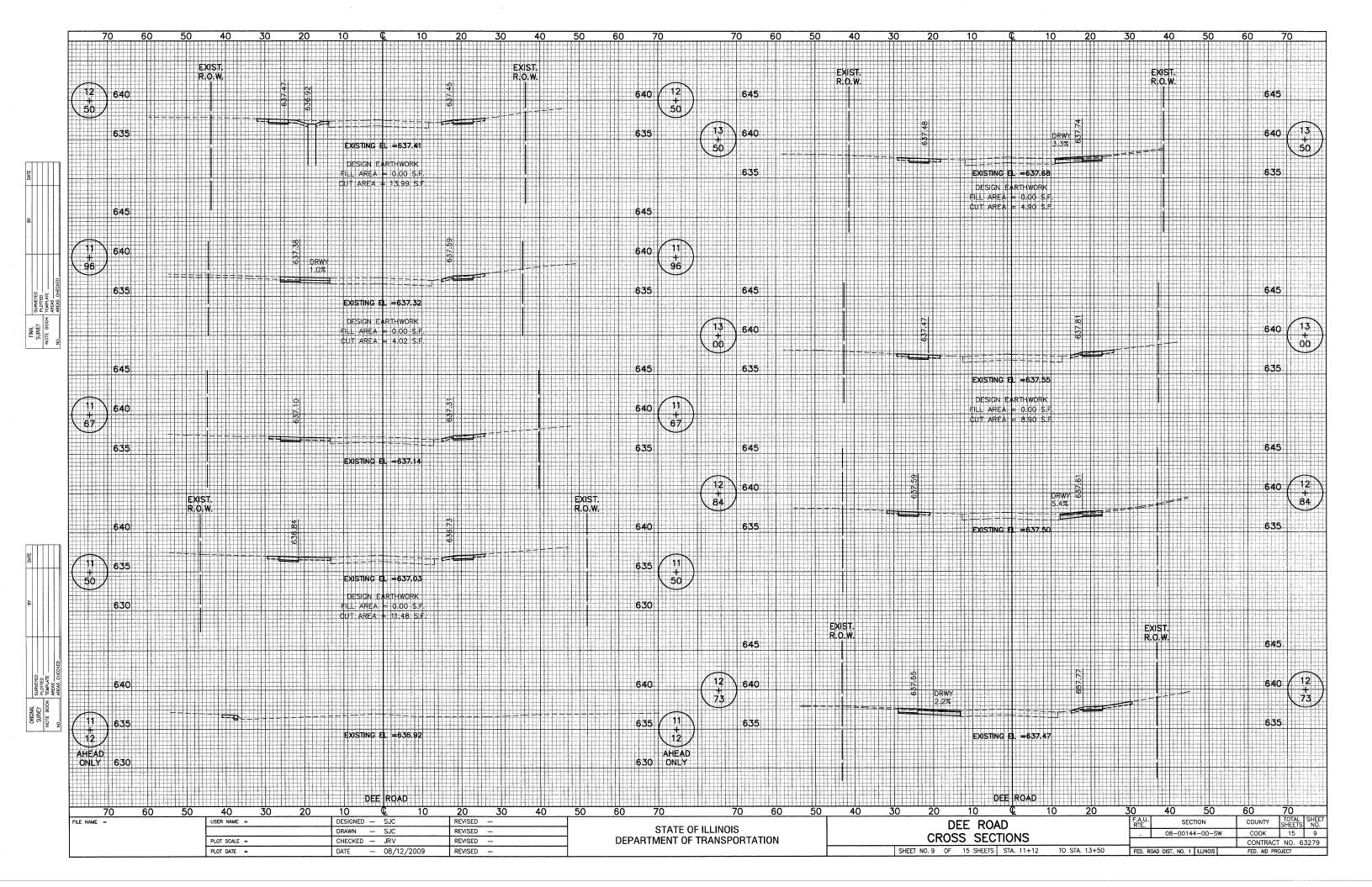
### **LEGEND**

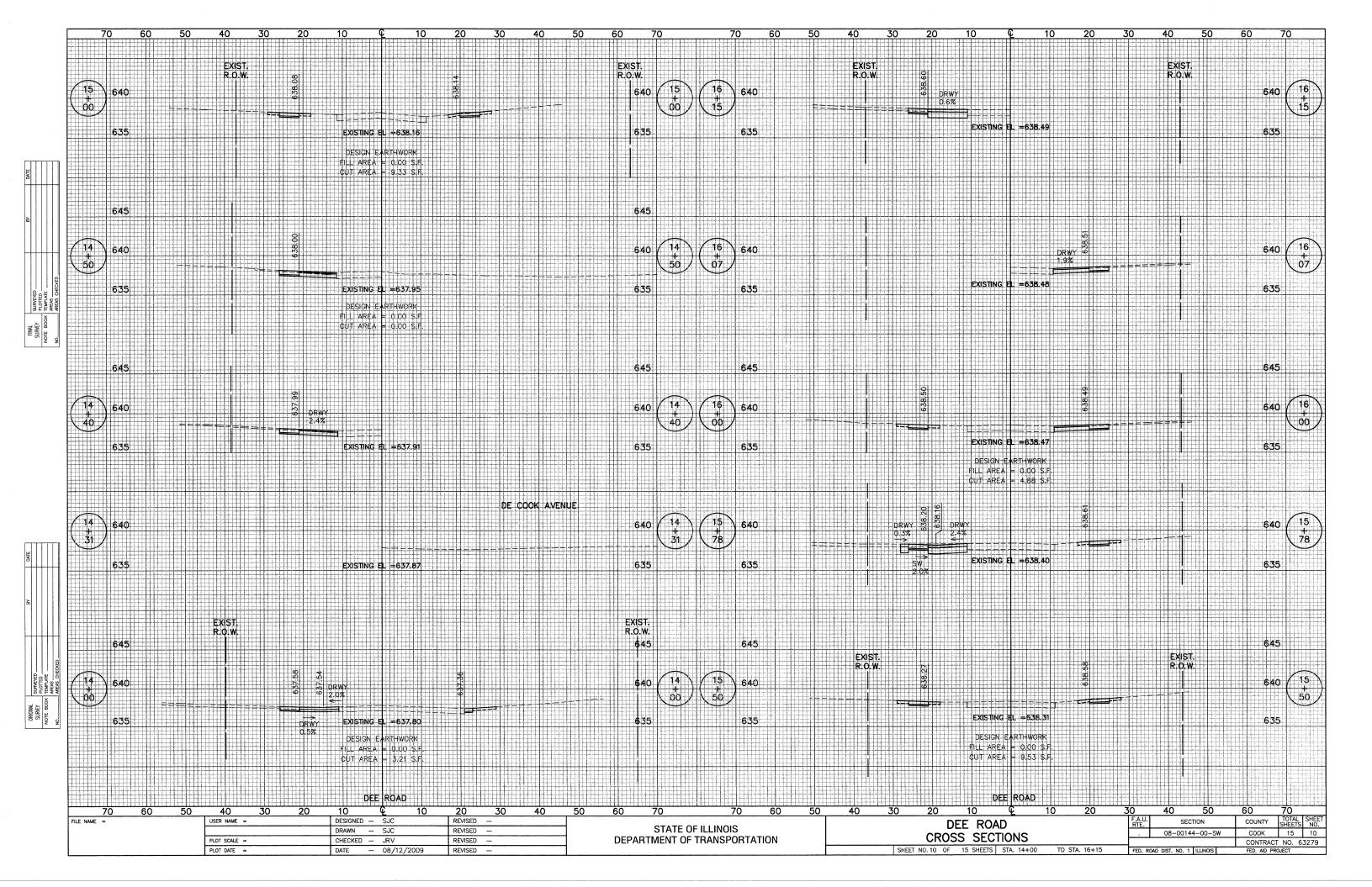
TOPSOIL, 4" AND SODDING, SALT TOLERANT

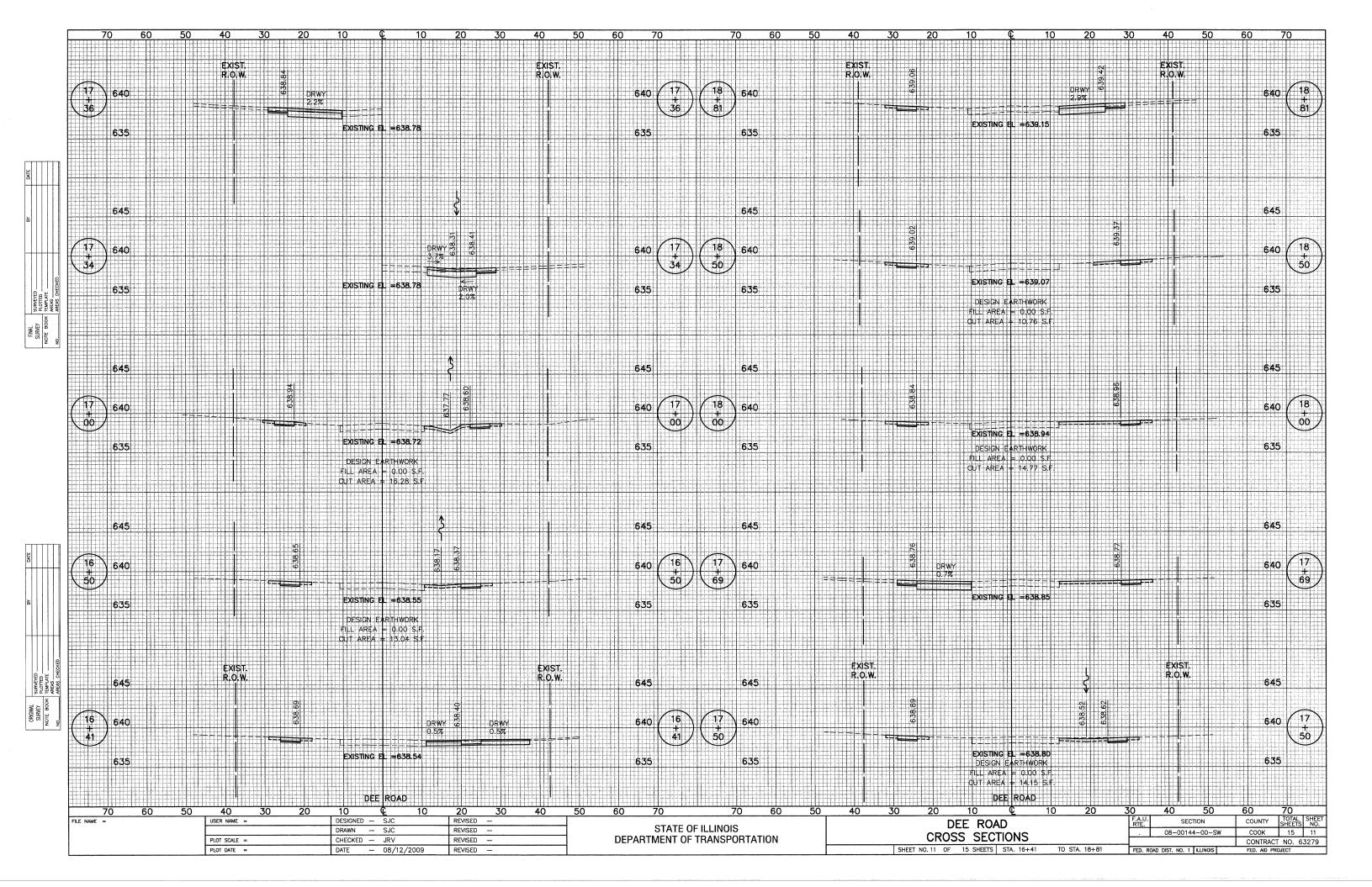
PERIMETER EROSION BARRIER

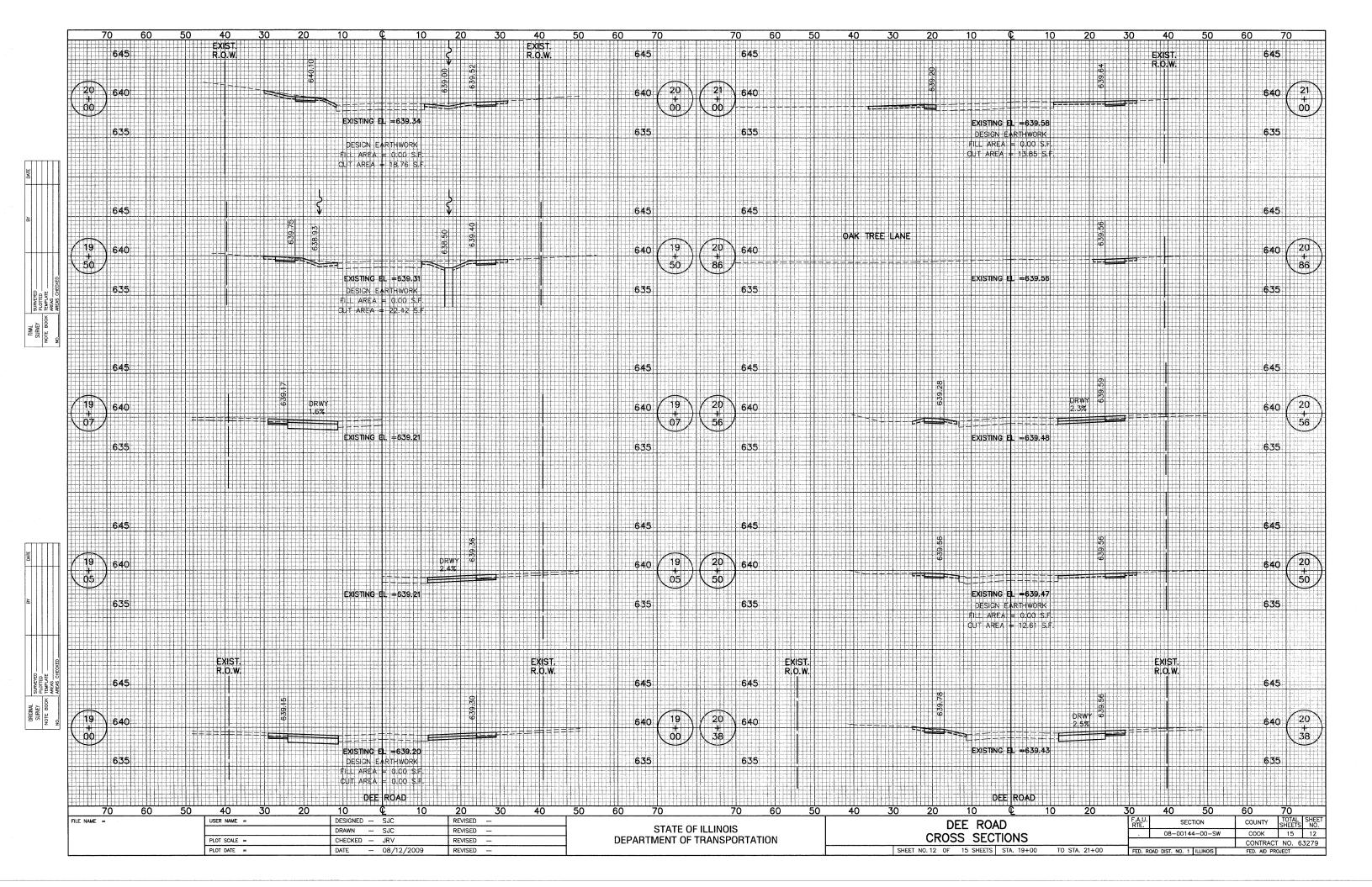


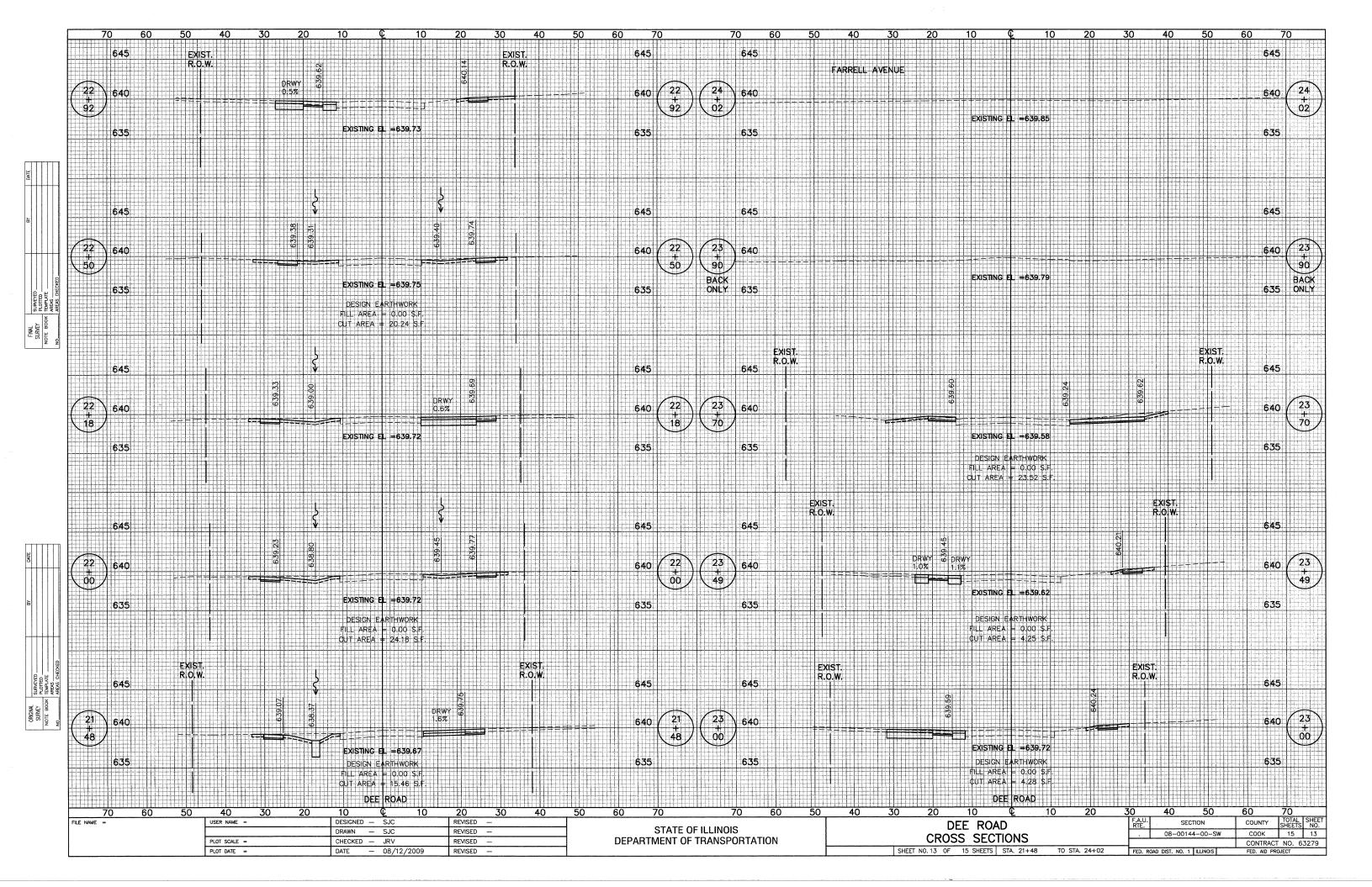
FILE NAME =	USER NAME =	DESIGNED SJC	REVISED —	STATE OF ILLINOIS	DEE ROAD	F.A.U. SECTION	COUNTY TOTAL SHEET
		DRAWN SJC	REVISED —			. 080014400-SW	COOK 15 8
	PLOT SCALE =	CHECKED JRV	REVISED	DEPARTMENT OF TRANSPORTATION	LANDSCAPE RESTORATION, EROSION CONTROL & PAVEMENT MARKING PLAN		CONTRACT NO. 63279
	PLOT DATE =	DATE 08/12/2009	REVISED —		SHEET NO. 8 OF 15 SHEETS STA. 10+50 TO STA. 24+12.32	FED. ROAD DIST. NO. 1 ILLINOIS	SW COOK 15 8

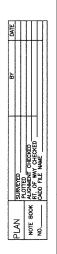


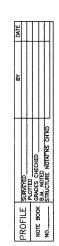


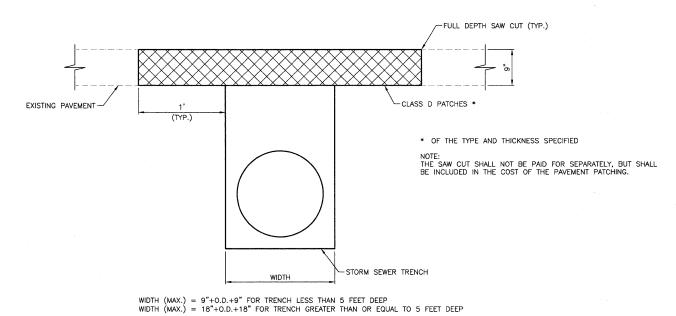






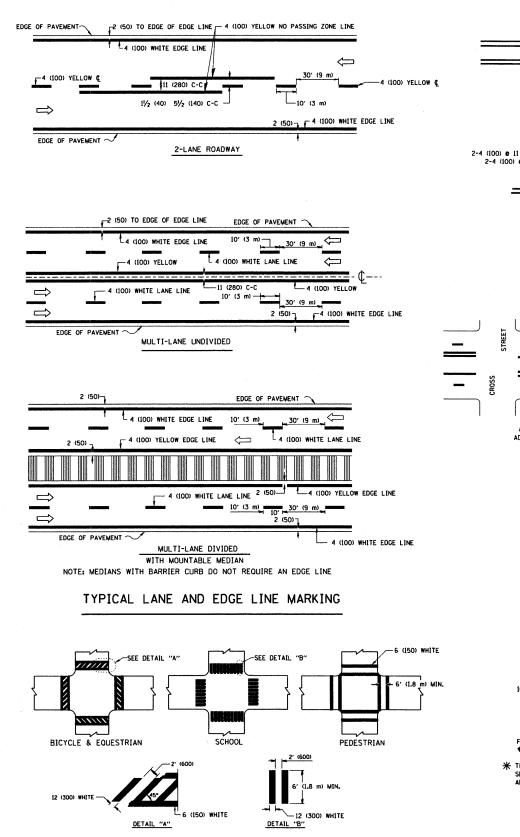


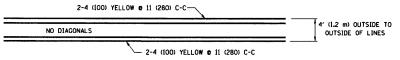




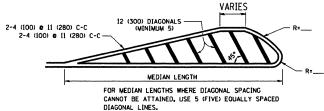
### PAVEMENT PATCHING

			· ·					
FILE NAME =	USER NAME =	DESIGNED SJC	REVISED —	STATE OF ILLINOIS	DEE ROAD	F.A.U. SECTION	COUNTY TOTAL SH	HEET NO.
•		DRAWN SJC	REVISED —			. 08-00144-00-SW	COOK 15 1	14
	PLOT SCALE =	CHECKED JRV	REVISED - STATE OF ILLINOIS REVISED - DEPARTMENT OF TRANSPORTATION  DETAILS  DETAILS		CONTRACT NO. 632	79		
	PLOT DATE =	DATE 08/12/2009		]		FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT	





### 4' (1.2 m) WIDE MEDIANS ONLY

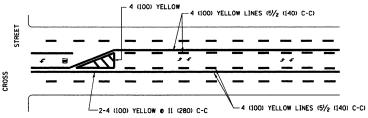


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))

75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))

150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

### MEDIANS OVER 4' (1.2 m) WIDE

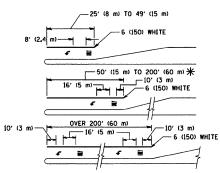


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR, ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

### TYPICAL PAINTED MEDIAN MARKING

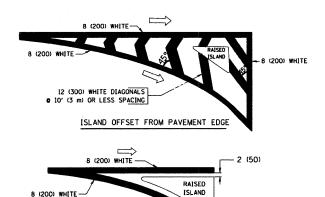


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  $\P$  AREA = 15.6 SO. FT. (1.5 m²)

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

TYPICAL LEFT (OR RIGHT) TURN LANE

### TYPICAL TURN LANE MARKING



### TYPICAL ISLAND MARKING

ISLAND AT PAVEMENT EDGE

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 UNDIVEDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 <b>c</b> 4 (100)	SOL ID SOL ID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 1280) 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	2.0 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 <b>e</b> 6 (150) 12 (300) <b>e</b> 45° 12 (300) <b>e</b> 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (I.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSMALK, 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	II (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED WEDIAN 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 SO. FT. (0.33 m <sup>2</sup> ) EACH "X"=54.0 SO. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS	12 (300) <b>e</b> 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)) 1150' (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.

TIPICAL TURN LANE MARKING

FILE NAME =	USER NAME = gaglianobt	DESIGNED - EVERS	REVISED -T. RAMMACHER 10-27-94
W:\diststd\22x34\tc13.dgn		DRAWN -	REVISED -A. HOUSEH 10-09-96
	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED -A. HOUSEH 10-17-96
	PLOT DATE = 1/4/2008	DATE - 03-19-90	REVISED - T. RAMMACHER 01-06-00

TYPICAL CROSSWALK MARKING

STATE	OF	ILLINOIS
DEPARTMENT	0F	TRANSPORTATION

DISTRICT ONE					F.A RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	TODICAL DAVISABLE STADISTICS						08-00144-00-SW	COOK	15	15
TYPICAL PAVEMENT MARKINGS						TC-13	CONTRACT	NO. 63	279	
SCALE: NONE	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				