- COVER SHEET AND INDEX OF SHEETS
- GENERAL NOTES, HIGHWAY STANDARDS, AND SUMMARY OF QUANTITIES
- TYPICAL SECTIONS
- IMPROVEMENT PLANS
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
- TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- PARKING PAVEMENT MARKING DETAILS AND LIGHTING DETAILS

12-18 CROSS SECTIONS

LOCAL ROAD

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL AID HIGHWAY PROJECT

FAU ROUTE 1392 (FIRST STREET) MYRTLE AVENUE TO CLARA PLACE ON-STREET PARKING CONSTRUCTION SECTION 09-00172-00-PK **PROJECT ARA-9003(412) DUPAGE COUNTY**

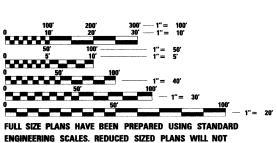
JOB NO. C-91-795-09

FIRST STREET (WEST AVENUE TO YORK ROAD) 1,800 (2008) 2,000 (2030) FIRST STREET (YORK ROAD TO BERTEAU AVENUE) 2,000 (2008) 3,000 (2030)

FIRST STREET POSTED SPEED = 25 MPH DESIGN SPEED = 25 MPH

DESIGN DESIGNATION:

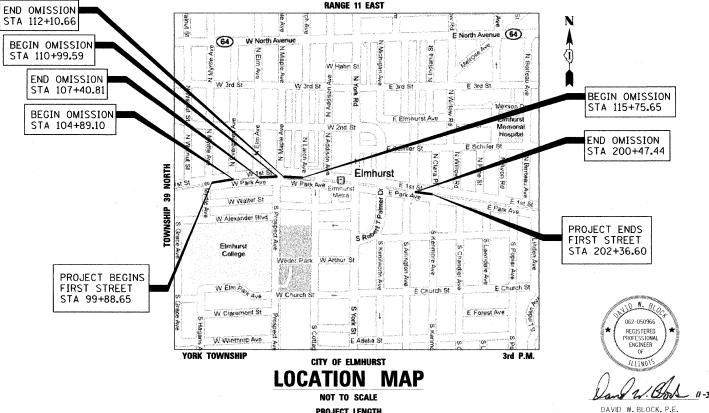
PROJECT IS LOCATED IN THE CITY OF ELMHURST



JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

CONTRACT NO. 63382

CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.



FIRST STREET IMPROVEMENT (GROSS) = 3,782 FT (0.72 MILES)

FIRST STREET IMPROVEMENT (NET) = 1,413.38 FT (0.27 MILES)

DEPARTMENT OF TRANSPORTATION

LOCATION OF SECTION INDICATED THUS: -

F.A.U. SECTION

1392 09-00172-00-PK DUPAGE

COUNTY

CONTRACT NO. 63382

NO. 062-050966

EXP. DATE II/30/II

DECEMBER 10, 2009 O M. O'Herle
UTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

- 1. ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "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 TO MEAN THE RESIDENT ENGINEER.
- 3. PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE IN ADDITION. THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND CRADE STAKES. IF THERE ARE DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO THE ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFLATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES, FALING TO SECURE SUCH INSTRUCTIONS, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE IN THE EVENT OF ANY DOUBT OR OURSTION SING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.
- 4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- 5. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1, KANDICE WITH UNION PACIFIC RAILROAD UTILITIES AT (312) 496-4738, THE FIBER OPTICS HOLLING AT (800) 336-9193 AND THE CITY OF ELMHURST AT 630-530-3777 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- 6. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR CITY PROPERTY OR ROW WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT OR CITY.
- 7. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD, FIELD OFFICE, OR STOCK PILE MATERIALS ON UNION PACIFIC PROPERTY, WITHOUT WRITTEN PERMISSION.
- 8. SAW CUTTING OF PAVEMENTS, SIDEWALK, 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.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- 10.0FFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- 11. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITHIN UNION PACIFIC RIGHT-OF-WAY WITH THE UNION PACIFIC. FLAGGERS WILL BE REQUIRED BY THE RAILROAD FOR ALL WORK WITHIN 25 FEET OF THE NEAREST RAIL.
- 12. WORK WINDOWS WITHIN THE RAILROAD RIGHT-OF-WAY WILL BE 9:00 AM 3:30 PM MONDAY THROUGH FRIDAY.
 EXTENDED WORK WINDOWS MAY BE AVAILABLE ON WEEKENDS, SUBJECT TO THE APPROVAL OF THE LOCAL RAILROAD MANAGER.
- 13. CONTRACTOR MUST COMPLY WITH UNION PACIFIC "MINIMUM SAFETY REQUIREMENTS," FOUND IN THE SPECIAL PROVISIONS, WHEN WITHIN RAILROAD RIGHT-OF-WAY.

UTILITY NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE 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.
- 2. THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN IF NOT SHOWN ON THE PLANS. ALL UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
- 4. ALL UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- 5. THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENNANCES THAT MUST BE KEPT IN OPERATION.
- 6. THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL WATER SYSTEM VALVES, VALVE VAULTS, AND SANITARY SEWER MANHOLES TO THE CITY FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILTIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.
- 7. ALL LOOSE MATERIAL DEPOSITED IN THE FLOWLINE 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.

- 1. SEE IDOT STANDARD DETAIL 780001. DISTRICT ONE DETAIL TC-13 AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- 2. THE CONTRACTOR SHALL TEMPORARILY RESET ALL SIGNS THAT INTERFERE WITH CONSTUCTION OPERATIONS.
 ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY
 SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE
 TRAFFIC FOR WHICH IT IS INTENDED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT
 BID PRICES OF THE CONTRACT.

701701-06

701801-04

- 1. SEE TRAFFIC CONTROL HIGHWAY STANDARDS CONCERNING TRAFFIC CONTROL AND PROTECTION.
- THE CONTRACTOR SHALL SCHEDULE CONSTRUCTION ACTIVITIES SO THAT THERE ARE ALWAYS TWO LANES OF TRAFFIC OPEN AT THE END OF EACH DAY. DETOURS WILL ONLY BE ALLOWED UPON SUBMITTAL OF A DETOUR PLAN AND APPROVED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD PAY ITEMS.

NOTE: BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

HIGHWAY STANDARDS

URBAN LANE CLOSURE, MULTILANE INTERSECTION

TRAFFIC CONTROL DEVICES

LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE

	INTOTINAT STANDARDS		
STD. NO.	DESCRIPTION		
000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	720001-01	SIGN PANEL MOUNTING DETAILS
602001-01	CATCH BASIN, TYPE A	720006-02	SIGN PANEL ERECTION DETAILS
602301-02	INLET, TYPE A	720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
602401-02	MANHOLE, TYPE A	729001-01	APPLICATION OF TYPES A & B METAL POSTS
602601-02	PRECAST REINFORCED CONCRETE FLAT TOP SLAB		(FOR SIGNS AND MARKERS)
604001-03	FRAME AND LID, TYPE 1	780001-02	TYPICAL PAVEMENT MARKINGS
604051-03	FRAME AND GRATE, TYPE 11		
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER		
664001-02	CHAIN LINK FENCE		
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS .		
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY		
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED		
	000001-05 602001-01 602301-02 602401-02 602601-02 604001-03 604001-03 604001-04 664001-02 701301-03 701311-03	STD. NO. DESCRIPTION OOOOO1-05 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS 602001-01 CATCH BASIN, TYPE A 602601-02 MANHOLE, TYPE A 602601-03 PRECAST REINFORCED CONCRETE FLAT TOP SLAB 604051-03 FRAME AND LID, TYPE 1 604051-03 FRAME AND CRATE, TYPE 10 604001-02 CHAIN LINK FENCE 701301-03 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS 701311-03 LANE CLOSURE, 2L, 2W, WOVING OPERATIONS-DAY ONLY	O00001-05

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		CHECKED -	DWB	REVISED -	
		DATE -	12-09-09	DEMISER	1

	SUMMARY OF QUANTITIES									
*	CODE NO	PAY ITEM	UNIT	QUANTITY	100% ARRA					
	20101100	TREE TRUNK PROTECTION	EACH	1	1					
	20200100	EARTH EXCAVATION	CU YD	1,790	1.790					
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	5	5					
	20700420	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	5	5					
	20800150	TRENCH BACKFILL	CU YD	122	122					
•	21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1,388	1,388					
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	18	18					
	25000500 25000600	PHOSPHORUS FERTILIZER NUTRIENT	POUND	18	18					
	25200110	POTASSIUM FERTILIZER NUTRIENT SODDING. SALT TOLERANT	POUND	18	18 1,388					
	25200110	SUDDING: SALI TOLERANI SUPPLEMENTAL WATERING	SQ YD UNIT	33	33					
	35300305	SUPPLEMENTAL WATERING PORTLAND CEMENT CONCRETE BASE COURSE 8 1/4"	SQ YD	42	42					
	35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	402	402					
-	40600100	BITUMINOUS MATERIALS (ORIME COAT)	GALLON	210	210					
	40600300	AGGREGATE (PRIME COAT)	TON	0.1	0.1					
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	208	208					
	40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", NSO	TON	166	166					
_	42001300	PROTECTIVE COAT	SQ YD	35	35					
	44000100	PAVEMENT REMOVAL	SQ YD	383	383					
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	782	782					
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	258	258					
	55100500	STORM SEWER REMOVAL 12"	FOOT	10	10					
_	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2					
_	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1					
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	. 1	1					
_	60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1					
_	60260100	INLETS TO BE ADJUSTED	EACH	1	11					
_	60266600 60500060	VALVE BOXES 10 BE ADJUSTED REMOVING INLETS	EACH	1	1 1					
	60603800	REMOVING INLEIS COMBINATION CONCRETE CURB AND GUTTER. TYPE 8-6.12	FOOT	2,018	2,018					
-	63200310	GUARDRA II. REMOVAL	FOOT	372	372					
-	66400205	CHAIN LINK FENCE, 5'	FOOT	1,408	1,408					
•	66900205	SPECIAL WASTE DISPOSAL	CU YD	1,614	1,614					
•	66900450	SPECIAL WASTE PLANS AND REPORT	L SUM	1	1					
•	66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4					
	67100100	MOBILIZATION	L SUM	1	1					
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L. SUM	1	1					
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1					
	72000100	SIGN PANEL - TYPE 1	SQ FT	13	13					
_	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	10	10					
_	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	2	2					
-	72900100	METAL POST - TYPE A	FOOT	132	132					
	72900200 78001100	METAL POST - TYPE B PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	FOOT	26	26					
	78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS PAINT PAVEMENT MARKING - LINE 4"	SQ FT FOOT	23 867	23 867					
-	78300100	PAINT PAYEMENT MARKING - LINE 4 PAYEMENT MARKING REMOVAL	SQ FT	10	10					
•	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	3	3					
•	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	2	2					
•	X0325713	GROUND ROD	EACH	2	2					
	Z0001050	AGGREGATE SUBGRADE 12"	SQ YD	1,953	1,953					
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1					
	K0026830	SHRUB REMOVAL	EACH	2	2					
	XX002208	6" DIAMETER PIPE BOLLARD, CONCRETE FILLED	EACH	4	4					
•	XX008289	ELECTRIC CABLE IN TRENCH, 1/C No. 6, 600V, (EPR-Type RHW)	FOOT	18	18					
_		·								
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SPECIALTY ITEM

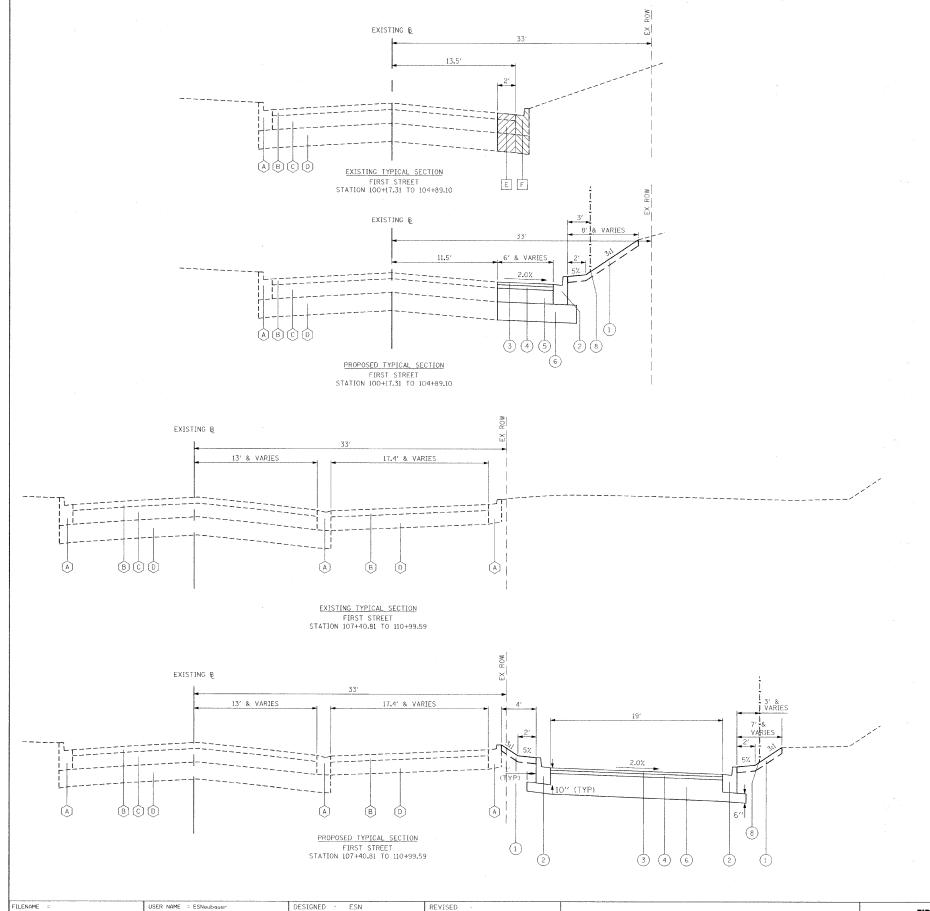
EARTHWORK SCHEDULE

							EXCAVATION TO BE USED IN		E A OT UWOOV	
	REM AND DISP OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CROSS SECTIONS) (CU, YD)	STORM SEWER EXCAVATION (CU YD)		SPECIAL WASTE (NOT REUSABLE ON-SITE) (CU YD)	TOTAL SUITABLE EXCAVATION (CU YD)	EMBANKMENT ADJ FOR 15% SHRINKAGE) (CU YD)	FILL (CROSS SECTIONS) (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	SPECIAL WASTE DISPOSAL (CU YD)
MYRTLE AVE TO EVERGREEN AVE STA. 99+88.65 TO STA. 104+89.10	0	330	50	0	190	190	162	0	162	190
ELM AVE TO MAPLE AVE STA. 107+40.81 TO STA. 110+99.59	5	967	115	0	1,082	0	0	0	0	1.082
MAPLE AVE TO LARCH AVE STA. 112+10.66 TO STA. 115+75.65	0	194	0	194	0	194	165	2	163	192
HAVEN AVE TO CLARA PL STA. 200+47.44 TO STA. 202+33.60	0	299	0	150	0	299	254	ó	254	150
TOTAL	5	1.790	165	344	1,272	683	581	2	579	1.614

NOTE: ANY SPECIAL WASTE (REUSABLE ON-SITE) THAT IS NOT REUSED ON-SITE SHALL BE DISPOSED OF AS SPECIAL WASTE.

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

FIRS	FIRST STREET ON-STREET PARKING CONSTRUCTION GENERAL NOTES, HIGHWAY STANDARDS,				F.A.L RTE.	J	SECTION	COUNTY	TOTAL	SHEET NO.		
					1392	2	09-00172-00-PK	DUPAGE	18	2		
	AND	SU	IMMA	RY OF	QUANTI	TIES				CONTRACT	NO. 63	382
	SHEET NO.	1	OF 1	SHEETS	STA.	TO STA.	FED.	ROA	AD DIST. NO. ILLINOIS FED. AT	D PROJECT		



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STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

EXISTING LEGEND

- (A) CURB AND GUTTER, TYPE B-6.12
- (B) HOT-MIX ASPHALT SURFACE AND BINDER COURSES, DEPTH 4"
- HOT-MIX ASPHALT BASE COURSE, 6"
- 0 AGGREGATE SUBBASE TYPE B, 12"
- Ε PAVEMENT REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- G GUARDRAIL REMOVAL

PROPOSED LEGEND

- (1) TOPSOIL FURNISH AND PLACE, 6" AND SODDING, SALT TOLERANT
- (2) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 13/4"
- 4 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 21/4"
- (5) HOT-MIX ASPHALT BASE COURSE, 6"
- (6) AGGREGATE SUBGRADE, 12"
- 7 PCC BASE COURSE, 81/4"
- (8) CHAIN LINK FENCE, 5'
- NO. 5 X 30" TIE BARS (EPOXY COATED) AT 30" O.C. (INCLUDED IN COST OF COMBINATION CONCRETE CURB AND GUTTER)

PROJECT BENCHMARKS

MARK CUT IN NE CORNER OF TRAFFIC SIGNAL CONTROLLER AT THE SW CORNER OF PALMER DRIVE AND SCHILLER STREET EL=683.78

TBM "1" BRASS DISK ON BRIDGE HEADWALL AT THE SE CORNER OF PALMER DRIVE AND FIRST STREET

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

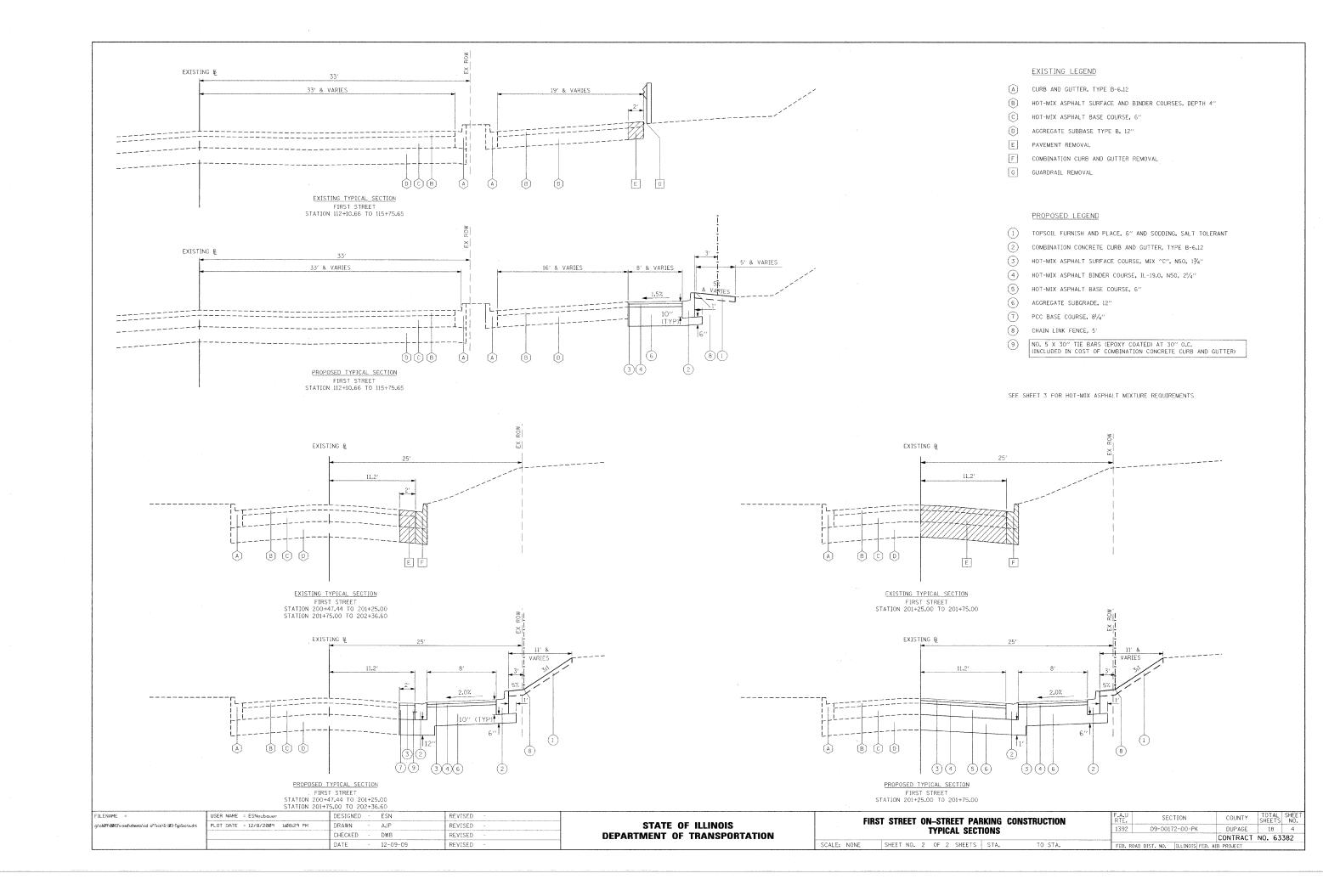
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

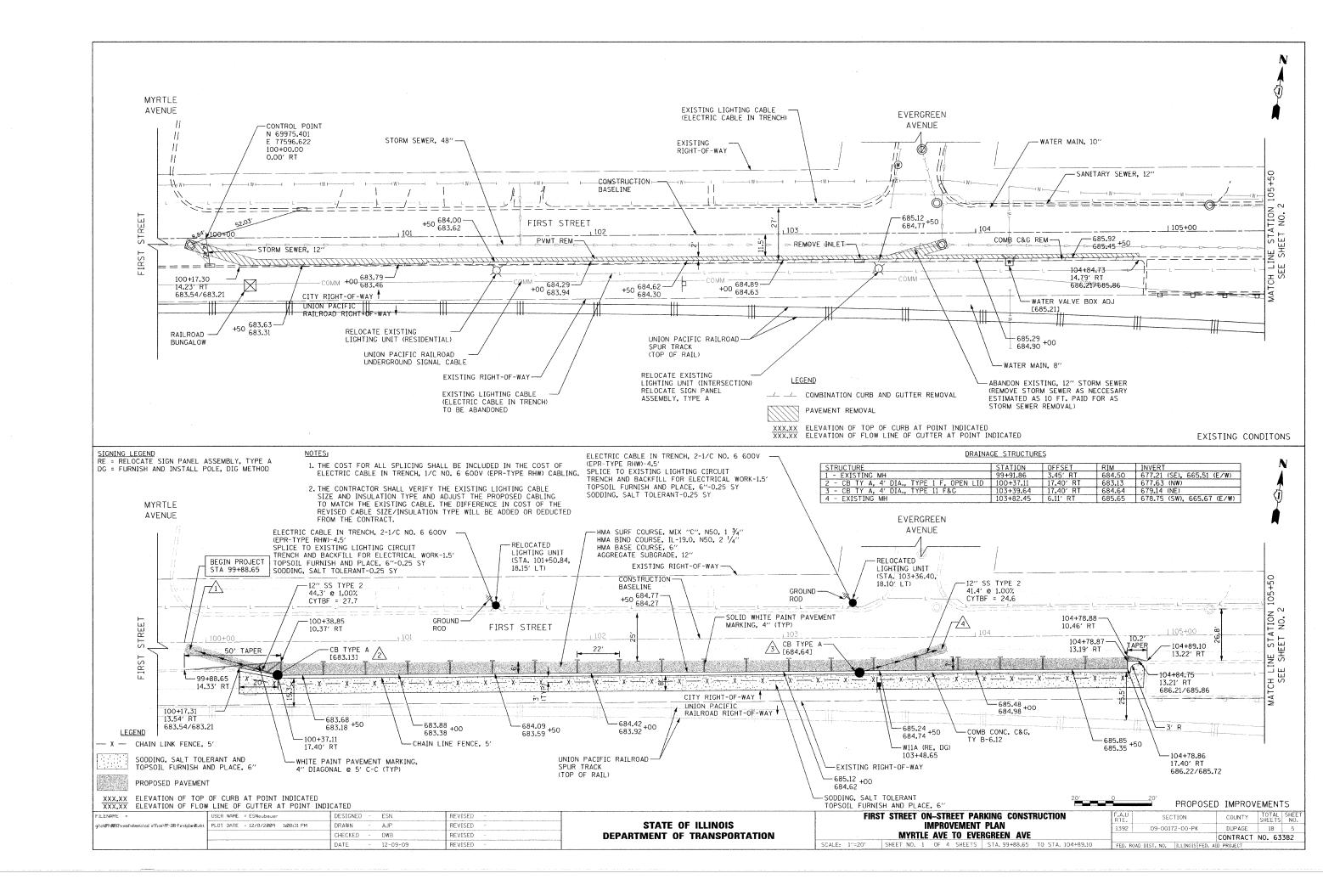
MIX TYPE HMA BIND CSE, IL-19.0, N50, 2½/4″ HMA SURFACE, MIX "C", N50 (IL-9.5mm), 1¾4″ HMA BASE CSE, 6″ (HMA BINDER, IL-19.0mm, N50)

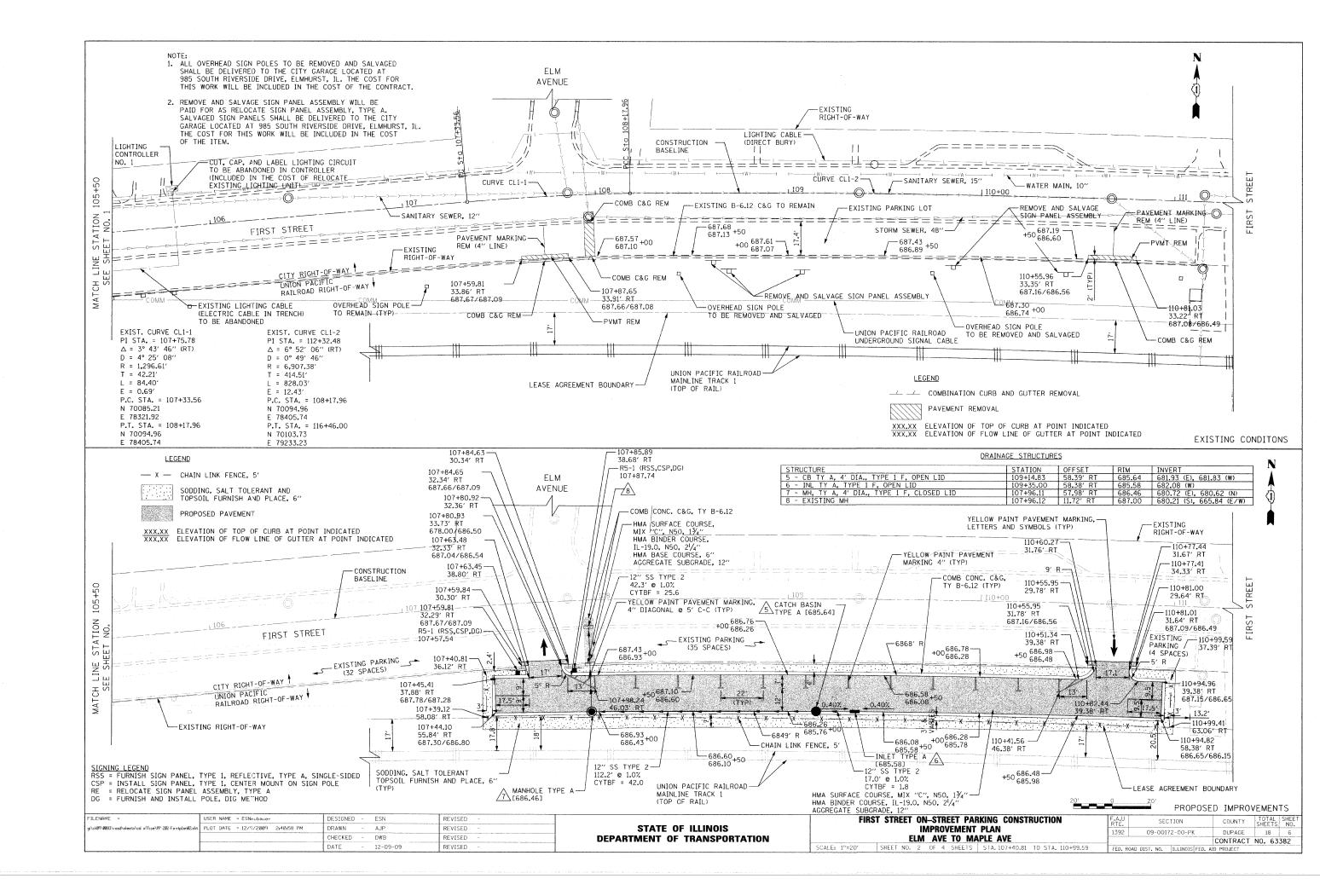
AIR VOIDS 4% @ 50 GYR 4% @ 50 GYR 4% @ 50 GYR

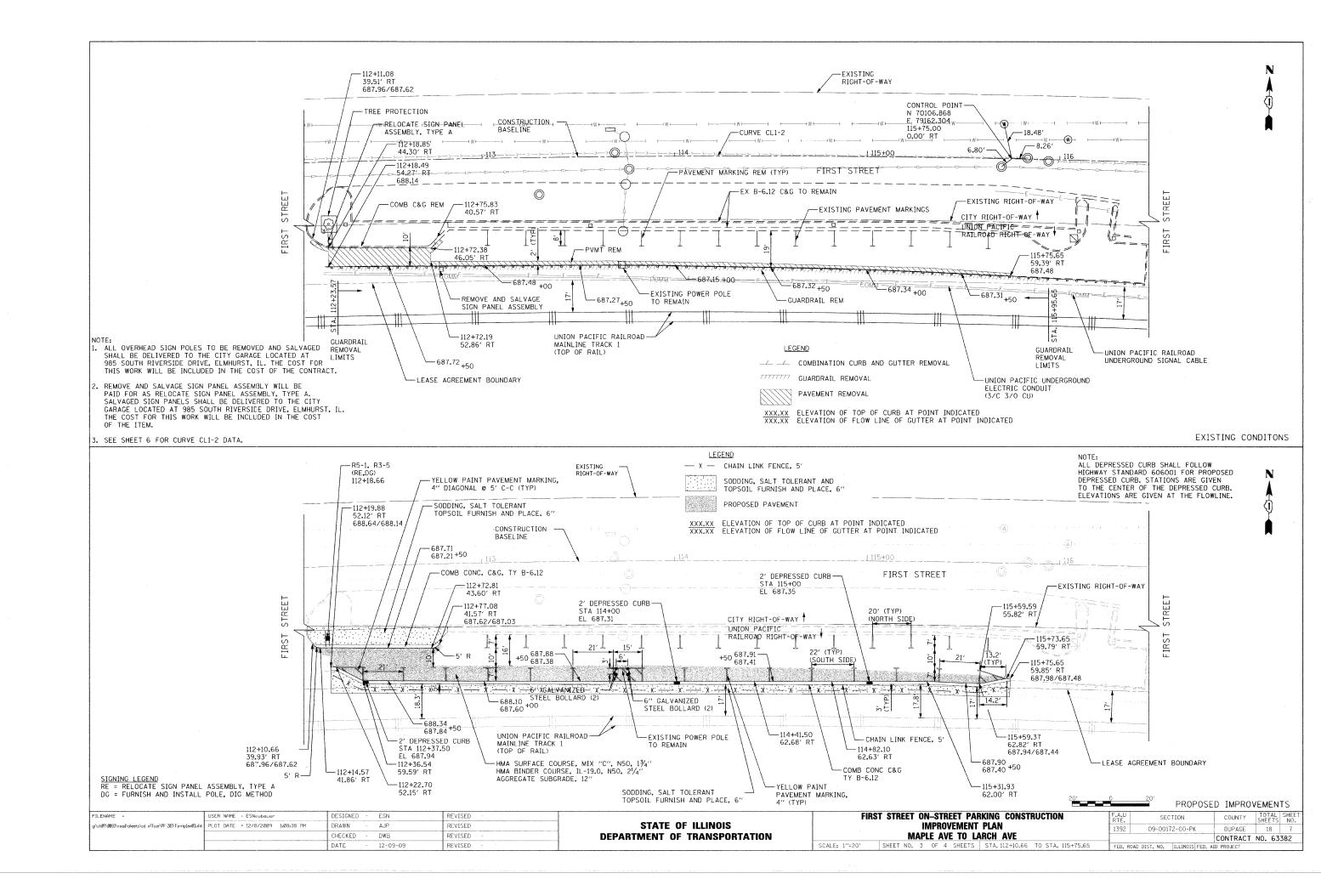
NOTE:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR POTO-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PGG4-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
3. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

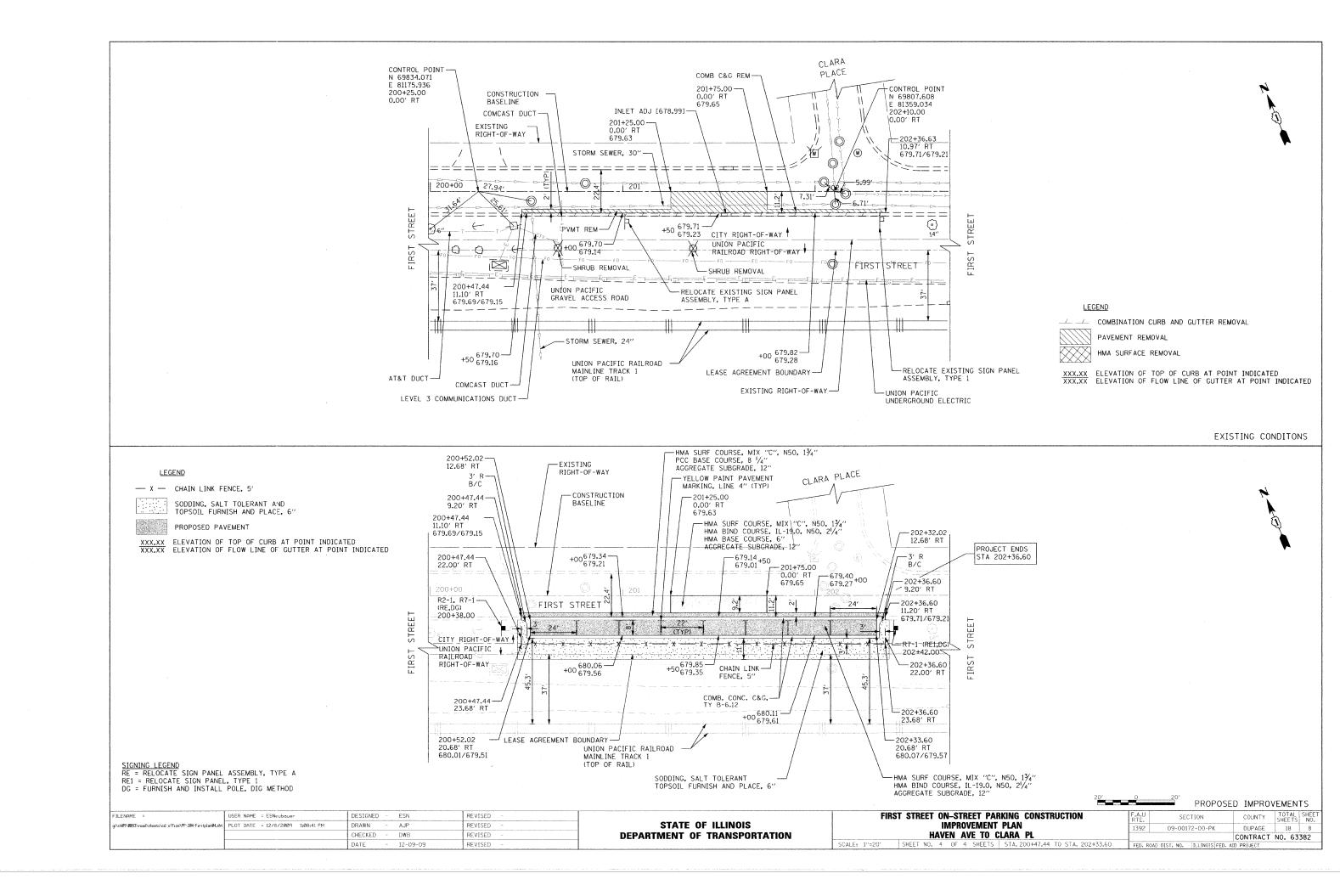
FIRST STREET ON-STREET PARKING CONSTRUCTION	F.A.U RTE. SECTION		COUNTY	TOTAL	SHEET NO.
TYPICAL SECTIONS	1392	09-00172-00-PK	DUPAGE	18	3
			CONTRACT	NO. 63	382
SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.	FED. R	ROAD DIST. NO. ILLINOIS FED. A	ID PROJECT		

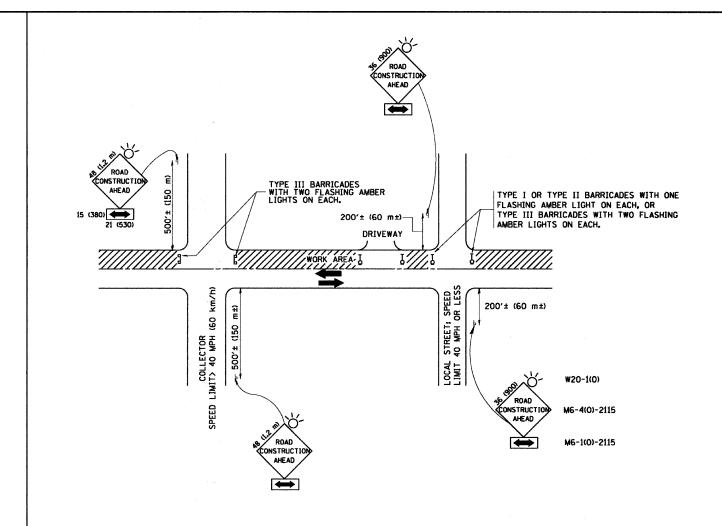












TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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:
- Q) 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:
- o) 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 BOUTE
- 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 (MG-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (MG-4).

SCALE: NONE

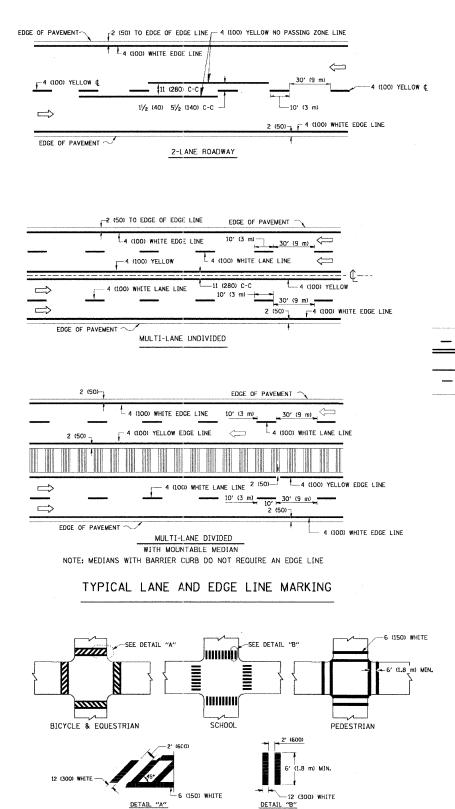
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE (1051 MP.
- 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.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

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

SHEET NO. 1 OF 1 SHEETS STA. TO STA.

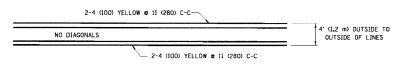


TYPICAL CROSSWALK MARKING

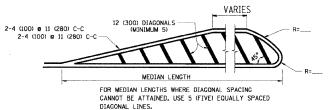
DATE

PLOT DATE = 9/9/2009

FILE NAME =

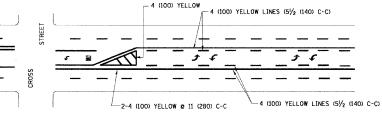


4' (1.2 m) WIDE MEDIANS ONLY

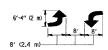


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MONE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

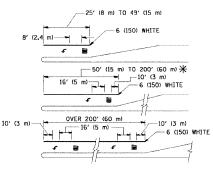


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (50 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

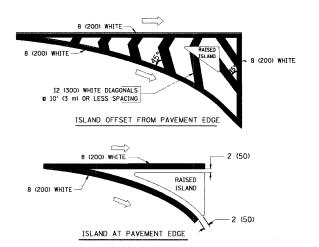


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. \P AREA = 15.6 SQ. FT. (1.5 m²) \P AREA = 20.8 SQ. FT. (1.9 m²)

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

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 2 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 6 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MÉDIANS 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 to 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 % 6 (150) 12 (300) % 45° 12 (300) % 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (500) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' 11.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 m 4 (100) WITH 12 (300) DIAGONALS m 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED 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 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS	12 (300) e 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) T0 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

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

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

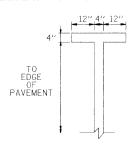
USER NAME = drivakosgn	DESIGNED - EVERS	REVISED	-T. RAMMACHER	10-27-94
3.dgn	DRAWN -	REVISED	-C. JUCIUS	09-09-09
PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED	-	

REVISED

03-19-90

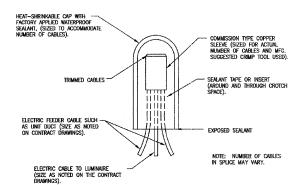
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Ī	DISTRICT ONE TYPICAL PAVEMENT MARKINGS						SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
١							09-00172-00-PK	DUPAGE	18	10	
							TC-13	CONTRACT	NO. 6	3382	
l	SCALE: NONE	SHEET NO. 1 OF 1	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

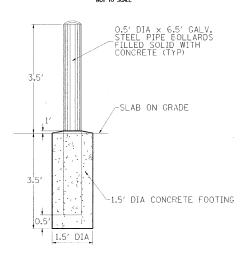


PARKING STALL MARKING DETAILS

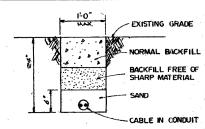
NOTE: PARKING STALL PAVEMENT MARKING SHALL BE WHITE PAINT ALONG FIRST STREET AND YELLOW PAINT WITHIN ALL OFF STREET PARKING LOTS.



SPLICING ELECTRIC CABLE



6" DIAMETER PIPE BOLLARD, CONCRETE FILLED



INSTALLATION OF DIRECT BURIAL CABLE IN CONDUIT

ROADWAY LIGHTING NOTES:

ROADWAY LIGHTING REQUIREMENTS FOR THIS PROJECT SHALL COMPLY WITH ALL IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), IDOT AND RECURRING SPECIAL PROVISIONS, CONTRACT SPECIAL PROVISIONS AND THE AMERICAN NATIONAL STANDARD PRACTICE FOR ROADWAY LIGHTING, ANSI/IES RP-8.

RELOCATED LIGHTING UNIT LOCATIONS SHALL BE PLACED 3' BEHIND EXISTING BACK OF CURB TO CONFORM WITH EXISTING LIGHTING LAYOUT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES AND UTILITY LOCATIONS FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER, PRIOR TO AUGERING.

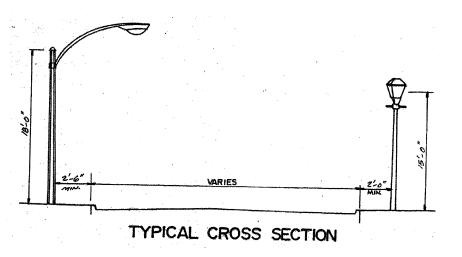
A GROUND ROD SHALL BE PROVIDED FOR EACH CONCRETE FOUNDATION, GROUNDING CONNECTIONS MADE TO THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED IN THE PLAN DETAILS.

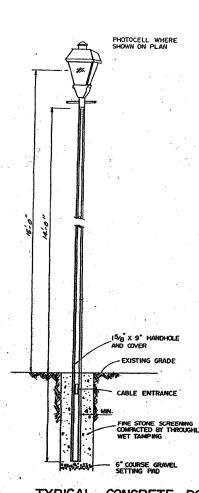
THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK." THE INSTALLATION OF THE TAPE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.

LIGHTING RELOCATION AND POWER RECONNECTION SHALL TAKE PLACE ON ONE DAY, PROVIDING UN-INTERRUPTED SERVICE WITHIN THE PROJECT LIMITS.

RESIDENTIAL AND INTERSECTION LIGHT POLES MUST BE EMBEDDED TO A DEPTH OF FIVE (5) FEET.

GROUND RODS WILL BE REQUIRED AT EACH RELOCATED LIGHTING UNIT.





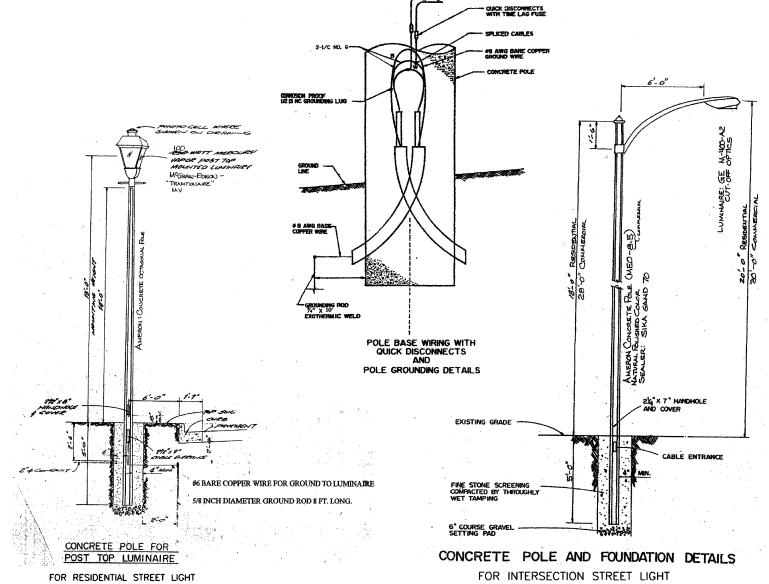
TYPICAL CONCRETE POLE
AND FOUNDATION DETAILS
FOR RESIDENTIAL STREET LIGHT

REVISED

REVISED

REVISED

REVISED



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIRST STREET ON-STREET PARKING CONSTRUCTION
PARKING PAVEMENT MARKING DETAILS, PIPE BOLLARD DETAIL,
LIGHTING NOTES AND LIGHTING DETAILS

