

# PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A.U. 2865 (SHERIDAN RD)

INTERSECTION IMPROVEMENT AT LOYOLA AVENUE  
RESURFACING AND PEDESTRIAN IMPROVEMENT  
(PLAZA CONSTRUCTION /CTA STATION ACCESS)

SECTION 10-B5159-00-TL

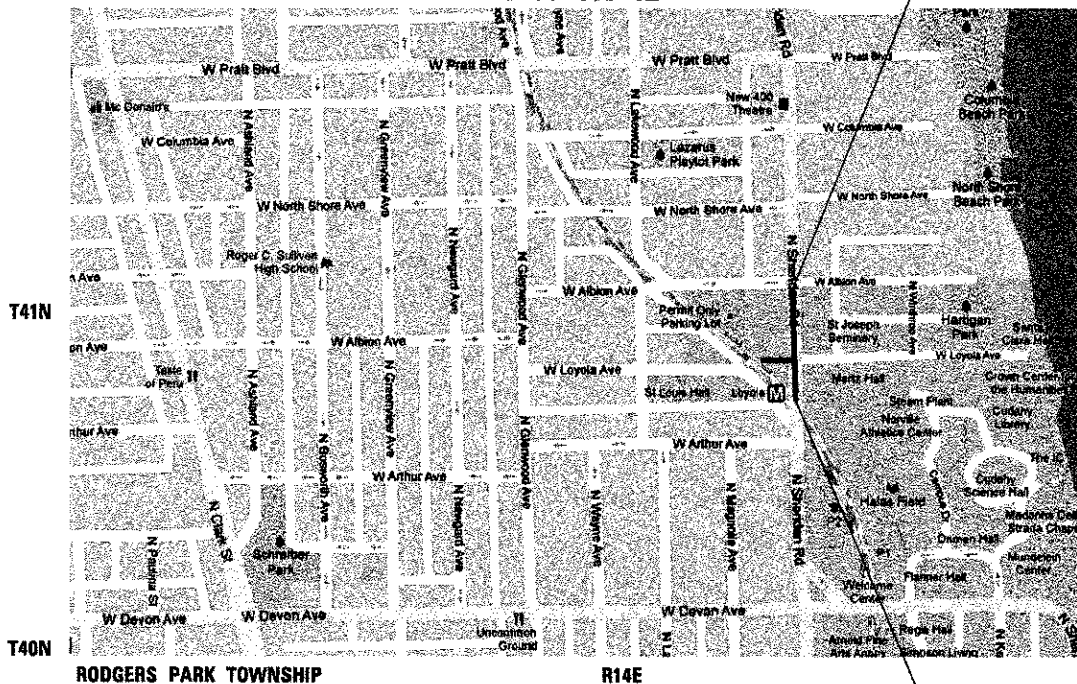
PROJECT HPP-4072 (001)

LOYOLA UNIVERSITY  
COOK COUNTY

C-91-463-12

END IMPROVEMENT  
STA 52 + 13.27

3rd P.M.



EXPIRATION DATE 11-30-2015  
DATE July 19, 2012

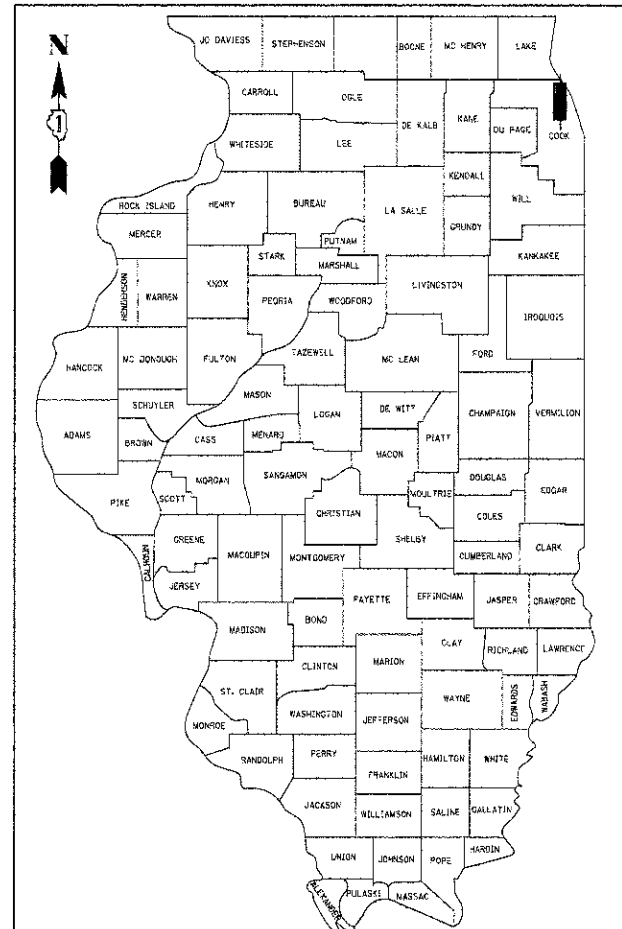
BEGIN IMPROVEMENT  
STA 48 + 40.18

## LOCATION MAP

SCALE: NTS

GROSS LENGTH = 373.09 FT. = 0.071 MILE

NET LENGTH = 373.09 FT. = 0.071 MILE



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

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR LIST OF STATE STANDARDS, SEE SHEET NO. 2

### DESIGN DESIGNATION AND TRAFFIC DATA

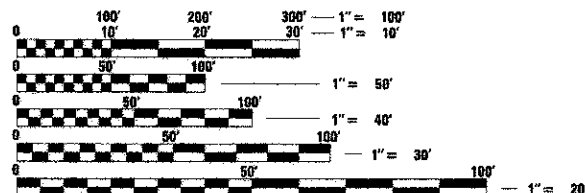
2012 ADT VEHICLES	
SHERIDAN RD	= 22,500
LOYOLA AVE	= 1,000
PR CONNECTOR ALLEY	= 100

FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL

DESIGN SPEED 30 MPH  
POSTED SPEED 30 MPH

THIS PROJECT IS LOCATED IN  
THE CITY OF CHICAGO

THIS PROJECT IS SPONSORED  
BY LOYOLA UNIVERSITY



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.

DIGGER  
CHICAGO UTILITY ALERT NETWORK  
1-312-744-7000

CONTRACT NO. 63715

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	63	1
		ILLINOIS	CONTRACT NO. 63715	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED July 17, 2012  
*[Signature]*  
LOYOLA UNIVERSITY

PASSED July 20, 2012  
*[Signature]*  
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW JULY 23, 2012  
*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

## INDEX OF SHEETS

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## CDOT STANDARDS

CONSTRUCTION DETAILS - ADA RAMPS  
 BUREAU OF ELECTRIC STANDARDS  
 JC DECAUX - BUS SHELTER DETAIL

## IDOT HIGHWAY STANDARDS

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  
 420001-07 PAVEMENT JOINTS  
 424026 ENTRANCE/ALLEY PEDESTRIAN CROSSINGS  
 606001-04 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER  
 701606-08 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN  
 701801-05 SIDEWALK, CORNER OR CROSSWALK CLOSURE  
 701901-02 TRAFFIC CONTROL DEVICES  
 720001-01 SIGN PANEL MOUNTING DETAILS  
 720006-03 SIGN PANEL ERECTION DETAILS  
 720011-01 METAL POSTS FOR SIGNS, MARKERS & DELINEATORS  
 729001-01 APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS AND MARKERS)

## IDOT DISTRICT 1 DETAILS

BD-07 DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER  
 BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT  
 BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT  
 BD-32 BUTT JOINT AND HMA TAPER DETAILS  
 BD-36 FIRE HYDRANT TO BE MOVED  
 BD-47 CITY OF CHICAGO CATCH BASIN, INLET AND MANHOLE DETAILS  
 TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTION AND DRIVEWAYS  
 TC-18 SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS  
 TC-22 ARTERIAL ROAD INFORMATION SIGN  
 TC-24 CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS (2 SHEETS)

## HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	THICKNESS	VOIDS @ N <sub>D</sub> ES
RESURFACING - SHERIDAN RD HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL-9.5mm)	1 1/2"	4% @ 70 Gyr
LEVELING BINDER (MACHINE METHOD, N70, (IL 9.5mm)	3/4"	4% @ 70 Gyr
PATCHING - SHERIDAN RD CLASS D PATCHES (HMA BINDER IL-19mm)	10" (3 LIFTS)	4% @ 70 Gyr
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	2 1/4"	4% @ 70 Gyr

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES IS 112 LBS/SQ YD/IN.

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

FILE NAME =	DESIGNED - AAF	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, IDOT STANDARDS &amp; HMA REQUIREMENTS</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
General\proj\ABC-idx.dgn	DRAWN - TMB	REVISED -					2865	10-85159-00-TL	COOK	62	2
USER NAME = jmajevski	CHECKED - JMM	REVISED -		SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT CONTRACT NO. 63715				
PLOT DATE = 7/16/2012	DATE - 7/16/2012	REVISED -									

**GENERAL NOTES**

1. EXCEPT WHERE MODIFIED BY THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS OR THE DETAILS IN THE PLANS, ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION, ADOPTED JANUARY 1 2012; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2012; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS" JULY 2009 SIXTH EDITION; THE "DETAILS" IN THE PLANS; AND THE "SPECIAL PROVISIONS" IN THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A SATISFACTORY PROGRESS SCHEDULE AND CRITICAL PATH SCHEDULE WHICH SHALL SHOW THE PROPOSED SEQUENCE OF WORK AT THE TIME OF THE PRE-CONSTRUCTION CONFERENCE. IF REVISIONS TO THE PROGRESS SCHEDULE AND CRITICAL PATH SCHEDULE ARE REQUIRED, THE CONTRACTOR SHALL SUBMIT AN UPDATED SCHEDULE TO THE ENGINEER AS SPECIFIED IN ARTICLE 108.02 OF THE STANDARD SPECIFICATIONS.
3. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.
4. THE CONTRACTOR SHALL CONTRACT THE IDOT ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
6. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION.
7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
8. IF CONFLICTS ON THE PLANS OCCUR BETWEEN THE ROADWAY PLANS AND PLATS OF HIGHWAYS, THE PLATS OF HIGHWAY SHALL TAKE PRECEDENCE IN CONFLICTS IN RIGHT-OF-WAY OR EASEMENTS. THE ROADWAY PLANS SHALL TAKE PRECEDENCE IN ITEMS OF CONSTRUCTION.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE SOIL AND GROUNDWATER CONDITIONS AT THE SITE.
10. IF ANY UNSUITABLE MATERIAL IS ENCOUNTERED DURING CONSTRUCTION, IT IS NECESSARY TO REMOVE THE UNSUITABLE MATERIAL AND REPLACE IT WITH A SUITABLE MATERIAL AS SPECIFIED AND APPROVED BY THE ENGINEER.
11. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING DIGGER AT 312-744-7000 OR FOR NONMEMBERS, THE UTILITY COMPANY DIRECTLY.
12. EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM OFFICE RECORD INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. THE CONTRACTOR IS REQUIRED TO VERIFY EXACT UTILITY LOCATIONS. UTILITY COMPANIES SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED. SEE BELOW FOR UTILITY CONTACT INFORMATION.  
 DEPARTMENT OF WATER MANAGEMENT (SEWER AND WATER)  
 JOHN BARBARO  
 CTR JOINT VENTURE  
 JARDINE WATER PURIFICATION PLANT  
 1000 E OHIO STREET #51  
 CHICAGO, ILLINOIS 60611  
 P: 312.744.5969  
 CHICAGO DEPARTMENT OF TRANSPORTATION - DIVISION OF ELECTRICAL OPERATIONS (TRAFFIC SIGNALS AND LIGHTING) CHRISTOPHER HINE 312-744-2450
13. THE CONTRACTOR SHALL PROTECT EXISTING AND NEW UTILITIES AND SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY IN ORDER TO PREVENT SETTLEMENT, DISPLACEMENT OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
14. ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
15. THE MAXIMUM ALLOWABLE DIFFERENTIAL IN ELEVATION BETWEEN ADJACENT OPEN TRAFFIC LANES SHALL BE 1 1/2 INCHES FOR A VERTICAL MILLED FACE OR 2 INCHES FOR A LIFT OF HMA RESURFACING.
16. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE BUTT JOINT AND HMA TAPER DETAILS SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
17. SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
18. ALL RADIUS FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED, AND SHALL BE AS INDICATED ON THE PLANS. ELEVATIONS SHOWN AT POINT OF CURVE, ETC. ARE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
19. RAMPS OR DEPRESSED CURBS ACCESSIBLE TO THE HANDICAPPED SHALL BE PROVIDED FOR ALL SIDEWALKS AND BICYCLE PATHS AT ALL CROSSWALKS, ALLEYS, AND CURBED DRIVEWAYS, STANDARD (NON-ADA) DEPRESSED CURB SHALL BE PROVIDED FOR ALL DRIVEWAYS AT THE EDGE OF PAVEMENT.
20. EXCAVATIONS FOR STRUCTURE AND/OR PIPELINE INSTALLATION SHALL BE KEPT DRY AT ALL TIMES DURING STRUCTURE/PIPE PLACEMENT. APPROPRIATE FACILITIES TO MAINTAIN THE DRY EXCAVATIONS SHALL BE PROVIDED BY THE CONTRACTOR AND THE COST OF SUCH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE VARIOUS ITEMS TO WHICH THEY PERTAIN.
21. GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER.
22. ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC., ARE FROM THE PROPOSED CENTERLINE OR BASELINE.
23. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT.
24. WHENEVER, DURING CONSTRUCTION OPERATIONS, LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, DRAINAGE STRUCTURE, DITCHES, ETC., SUCH THAT THE NATURAL FLOW LINE OF WATER IS OBSTRUCTED, THE LOOSE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF THE CONSTRUCTION OPERATION, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONTRACT. THE CONTRACTOR'S FAILURE TO PROVIDE THE ABOVE WILL PRECLUDE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIAL CREATED AS A RESULT THEREOF.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SWEEPING AND CLEANING STREETS OF ANY DEBRIS AND MATERIAL THAT HAS ACCUMULATED AS A DIRECT RESULT OF THE CONSTRUCTION ACTIVITY. A MECHANICAL SWEEPER, MECHANICALLY DRIVEN AND HANDWORK WITH A SHOVEL AND BROOM SHALL BE UTILIZED TO PROVIDE A CLEAN STREET FOR THE MOTORING PUBLIC. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT.
26. DURING THE CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED, AT HIS EXPENSE, TO HAVE AVAILABLE A WATER TRUCK OR SIMILAR EQUIPMENT TO CONTROL DUST. IF NECESSARY, THE CONTRACTOR SHALL BE REQUIRED TO CONTROL DUST DURING NON-WORKING HOURS.
27. POLLUTION CONTROL: THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION.
28. THE CONTRACTOR WILL BE REQUIRED TO RELOCATE OR REMOVE AND REPLACE ALL ROAD SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING ALL STAGES OF CONSTRUCTION. THIS COST SHALL BE INCLUDED IN THE COST OF THE CONTRACT. ALL WORK INVOLVING ROAD SIGNS SHALL BE GOVERNED BY THE FOLLOWING:  
 A. SIGNS SHALL NOT BE REMOVED UNTIL NECESSITATED BY THE PROGRESS OF WORK.  
 B. EVERY SIGN REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED. ALL SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING.  
 C. ALL UNUSED SIGNS SHALL BE RETURNED TO THE APPROPRIATE GOVERNING BODY AS DIRECTED BY THE ENGINEER.
29. IF ANY SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
30. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE". REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
31. SMALL BUSHES AND SHRUBS, AT LOCATIONS SHOWN ON PLANS, WILL BE REMOVED AS PART OF EARTH EXCAVATION. THE COST WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
32. EAST BENCHMARK:  
 "T" CUT ON NORTHWEST CORNER OF WALL OF 2 STORY BUILDING ON THE SOUTHEAST CORNER OF SHERIDAN ROAD AND LOYOLA AVENUE.  
 ELEVATION = 14.00'  
  
 WEST BENCHMARK:  
 "T" CUT ON THE NORTHERLY FACE OF THE CONCRETE WALL ALONG THE NORTHERLY RIGHT-OF-WAY LINE OF THE ELEVATED RAILWAY AND WEST OF THE 1 STORY BUILDING KNOWN AS #6550 SHERIDAN ROAD.  
 ELEVATION: 14.00'  
  
 ELEVATIONS SHOWN ARE IN RELATION TO CITY OF CHICAGO STANDARD BENCH MARK NO. 194. CHICAGO CITY DATUM ELEVATION OF BENCH POINT = 7.949. SITE LOCATION: SOUTHEAST CORNER OF N. KENMORE AVENUE AND W. SHERIDAN ROAD, ABOUT 13 FEET WEST OF THE EAST LINE OF N. KENMORE AVENUE AND 9.8 FEET SOUTH OF THE SOUTH LINE OF W. SHERIDAN ROAD.
33. THE CONTRACTOR MUST MAINTAIN THE SURFACE DRAINAGE OF THE ROADWAY AT ALL TIMES. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING ANY TEMPORARY DRAINAGE NECESSARY FOR CONSTRUCTION ACTIVITIES. THE COST OF THIS WORK WILL BE INCLUDED IN THE COST OF THE CONTRACT, UNLESS SPECIFIED IN THE CONTRACT DOCUMENTS.
34. THE CONTRACTOR MUST TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT ADJUTING PROPERTY, UTILITIES, PEDESTRIANS AND VEHICULAR TRAFFIC.
35. IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN WHETHER ANY PERMITS, SPECIAL INSPECTIONS, ETC., ARE REQUIRED WITH RESPECT TO THE CONSTRUCTION OPERATIONS AND WORK UNDER THIS CONTRACT. IT IS SOLEY THE DUTY OF THE CONTRACTOR TO PROVIDE FOR SUCH REQUIREMENTS AND TO MAKE PAYMENT FOR THEM. ALL NECESSARY PERMITS SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION.
36. THE CONTRACTOR SHALL PAY ALL CONSTRUCTION FEES TO THE CITY OF CHICAGO VARIOUS DEPARTMENTS AS REQUIRED.
37. THE OFFICE OF EMERGENCY MANAGEMENT AND COMMUNICATIONS, TRAFFIC MANAGEMENT AUTHORITY (OEMC, TMA) WILL WORK WITH THE COMMISSIONER AND CONTRACTOR TO IMPLEMENT THE MAINTENANCE OF TRAFFIC PLANS AS SHOWN IN THE ENGINEERING PLANS. 72 HOURS NOTICE MUST BE GIVEN TO OEMC, TMA BY CALLING (312) 743-7395 PRIOR TO STARTING WORK OR CHANGING THE TRAFFIC PATTERN.
38. ACCESS WILL BE PROVIDED TO ALL BUILDINGS AND PROPERTY ADJACENT TO THE PROPOSED IMPROVEMENT AT ALL TIMES. LOCAL ACCESS ON ALL SECONDARY STREETS MUST ALSO BE MAINTAINED.
39. THE CONTRACTOR WILL INFORM THE CHICAGO TRANSIT AUTHORITY TWO WEEKS IN ADVANCE OF ANY LANE OR STREET CLOSURES ALONG BUS ROUTES.
40. ADEQUATE PROVISIONS FOR PEDESTRIAN TRAFFIC MUST BE PROVIDED AT ALL TIMES.
41. THE SEWER UNIT OF THE DEPARTMENT OF BUILDINGS (DOB) MUST BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION OF, OR REPAIRS TO, UNDERGROUND SEWERS, DRAINS, DRAIN CONNECTIONS OR SEWER STRUCTURES.
42. PRIOR TO START OF CONSTRUCTION, A PERMIT IS REQUIRED FROM THE SEWER UNIT OF THE DOB FOR ANY UNDERGROUND SEWER WORK INCLUDING ADJUSTMENT OF SEWER STRUCTURES AND REMOVAL/REPLACEMENT OF FRAMES AND LIDS. PERMIT MUST BE OBTAINED BY DRAIN-LAYER CURRENTLY LICENSED FROM THE SEWER UNIT OF THE DOB.
43. THE CONTRACTOR MUST MAINTAIN ALL SEWER FLOW.
44. FOR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, THE PAY ITEMS- COMBINATION CURB AND GUTTER REMOVAL AND COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12 SHALL BE USED IN LIEU OF PAY ITEMS LISTED ON D1 STD BD-24.
45. CLEANING EXISTING HANDHOLES AND MANHOLES, AT LOCATIONS SHOWN ON PLANS, SHALL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
46. RODDING AND CLEANING DUCT IN EXISTING CONDUIT SYSTEM SHALL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
47. ANY WORK TAKING PLACE UPON THE RAILROAD RIGHT-OF-WAY OR STRUCTURE MUST FIRST BE COORDINATED WITH CTA PERSONNEL. CTA UTILIZES CONTINUOUS 600 VOLT DC IN ELECTRIFIED THIRD RAILS AT TRACK LEVEL, PRESENTING POTENTIALLY HAZARDOUS AND FATAL ARCING PROBLEMS. CONTACT MR. JIM HARPER, CHIEF ENGINEER OF CTA AT TELEPHONE 312-681-3960; OR MR. DAN SCHIFFER, MANAGER STRUCTURE MAINTENANCE AT TELEPHONE 773-722-4138.

FILE NAME =	DESIGNED - AAF	REVISED -		<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>	F.A.C. RTE.	SECTION	COUNTY	TOTAL SHEETS	
...\\Gene-el\proj\11-ABC-gendgn	DRAWN - TMB	REVISED -				2865	10-B5159-00-TL	COOK	62	3
USER NAME = jmejewski	CHECKED - JMM	REVISED -				CONTRACT NO. 63715				
PLOT DATE = 7/16/2012	DATE - 7/16/2012	REVISED -				SCALE: NTS	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	100% LOCAL
				ROADWAY	SAFETY	LANDSCAPING	
				0005 URBAN	0021 URBAN	0031 URBAN	0002 URBAN
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	30	15			15
20101000	TEMPORARY FENCE	FOOT	475	475			
20101100	TREE TRUNK PROTECTION	EACH	8	8			
20101700	SUPPLEMENTAL WATERING	UNIT	5			5	
20200100	EARTH EXCAVATION	CU YD	267				267
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	839	664			175
28200200	FILTER FABRIC	SQ YD	39				39
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	127	33			94
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	470	470			
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	3			3	
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	99	99			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	54	54			
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	198	198			
42001300	PROTECTIVE COAT	SO YD	2,342	1,204			1,138

• SPECIALTY ITEM

FILE NAME =	DESIGNED - AAF	REVISED -
...General\prpln-ABC-00q-01.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 8/8/2012	DATE - 8/8/2012	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET NO. 1 OF 9 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	4
CONTRACT NO. 63715			ILLINOIS FED. AID PROJECT	

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	100% LOCAL
				ROADWAY	SAFETY	LANDSCAPING	
				0005 URBAN	0021 URBAN	0031 URBAN	0001 URBAN
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	6,360	4,930			1,430
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	2,350	2,350			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	307	251			56
44000600	SIDEWALK REMOVAL	SQ FT	6,658	5,833			825
44002209	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/4"	SQ YD	21			21	
44201761	CLASS D PATCHES, TYPE 1, 10 INCH	SQ YD	3			3	
44201765	CLASS D PATCHES, TYPE 2, 10 INCH	SQ YD	13			13	
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	200	200			
* 56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	1	1			
60200205	CATCH BASINS, TYPE A, 4' DIA., TYPE 1 FRAME, CLOSED LID	EACH	1	1			
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE 8-6.12	FOOT	614	278			336
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	4			2
67100100	MOBILIZATION	L SUM	1	0.9			0.1
* 66900200	NON-SPECIAL WASTE	CU YD	130	130			

\* SPECIALTY ITEM

FILE NAME =	DESIGNED - AAF	REVISED -
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PLOT DATE = 8/8/2012	DATE - 8/8/2012	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NTS SHEET NO. 2 OF 9 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	5
CONTRACT NO. 63715			ILLINOIS FED. AID PROJECT	

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	100% LOCAL
				ROADWAY	SAFETY	LANDSCAPING	
				0005	0021	0031	0001
				URBAN	URBAN	URBAN	URBAN
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	1			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,000	2,000			
72400500	RELOCATE SIGN PANEL ASSEMBLY, TYPE A	EACH	3		3		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	77		77		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	758		758		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	189		189		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	390		354		36
* 81028170	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1" DIA	FOOT	193		193		
* 81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	342		342		
* 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO 10	FOOT	160		160		
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.14 7/C	FOOT	615		615		
* 88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4		4		
* 88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5		5		

\* SPECIALTY ITEM

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PLOT DATE = 8/8/2012	DATE - 8/8/2012	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NTS SHEET NO. 3 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	6
CONTRACT NO. 63715				
ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	100% LOCAL
				ROADWAY	SAFETY	LANDSCAPING	
				0005 URBAN	0021 URBAN	0031 URBAN	0001 URBAN
* 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1		
* A2002320	TREE, BETULA NIGRA (RIVER BIRCH), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	4			4	
* K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	2			2	
* K0013020	PERENNIAL PLANTS, PRAIRIE TYPE, GALLON POT	UNIT	1			1	
* K1001988	IRRIGATION SYSTEM, SPECIAL	L SUM	1			1	
* X0300635	PLANTER	EACH	2			2	
* X0321309	CONCRETE PAD	SQ YD	13	13			
X0322080	BUS SHELTER REMOVE AND RELOCATE	EACH	1	1			
X0322463	CONNECTION TO EXISTING SEWER	EACH	1	1			
* X0322689	POLE, STEEL, ANCHOR BASE, 10" DIA., 7-GAUGE, 34'-6"	EACH	2		2		
* X0322690	POLE, STEEL, ANCHOR BASE, 10" DIA., 3-GAUGE, 34'-6"	EACH	1		1		
* X0322792	BEDDING MATERIAL SPECIAL	CU YD	17	17			
* X0323443	PRECAST MODULAR RETAINING WALL	SQ FT	130			130	

\* SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NTS SHEET NO. 4 OF 9 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2965	10-B5159-00-TL	COOK	62	7
CONTRACT NO. 63715			ILLINOIS FED. AID PROJECT	

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	100% LOCAL
				ROADWAY	SAFETY	LANDSCAPING	
				0005 URBAN	0021 URBAN	0031 URBAN	0001 URBAN
* X0324994	ORNAMENTAL PLANTER	L SUM	1			1	
* X0325541	REMOVE EXISTING LIGHTING SYSTEM	L SUM	1		1		
X0326144	TACTILE/DETECTABLE WARNING SURFACE	SQ FT	108		86		22
* X0326326	CABLE IN CONDUIT, TRIPLEX, 2-1/C NO.6 AND 1-1/C NO.8 GROUND	FOOT	565		565		
* X0326805	FOUNDATION REMOVAL	SQ FT	364		364		
* X0539800	TREE GRATES	EACH	2			2	
* X0935000	MAST ARM, STEEL MONOTUBE, 30 FT.	EACH	2		2		
X3112900	SUBBASE GRANULAR MATERIAL (SPECIAL)	CU YD	1,090	1,030			60
X4200408	PORTLAND CEMENT CONCRETE PAVEMENT 8", SPECIAL	SQ YD	77				77
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.9			0.1
* X8050095	SERVICE INSTALLATION, (SPECIAL)	EACH	1		1		
* X8210456	LUMINAIRE, STREET LIGHTING, HIGH PRESSURE SODIUM VAPOR, 400 WATT, 240 VOLT, ARTERIAL, SEMI-CUTOFF	EACH	4		4		
* X8570015	CONTROLLERS (SPECIAL)	EACH	1		1		
* X8780105	CONCRETE FOUNDATION (SPECIAL)	EACH	1		1		

\* SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>			
SCALE: NTS	SHEET NO. 5 OF 9 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	8
CONTRACT NO. 63715				
ILLINOIS FED. AID PROJECT				



**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	100% LOCAL
				ROADWAY	SAFETY	LANDSCAPING	
				0005 URBAN	0021 URBAN	0031 URBAN	0001 URBAN
Z0003850	BENCHES	EACH	7			7	
Z0004002	BOLLARDS	EACH	8			8	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.6			0.4
Z0022800	FENCE REMOVAL	FOOT	60	21			39
* XX003663	PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8		8		
* XX005425	LANDSCAPE BOLLARDS	EACH	8		8		
* XX005967	TOPSOIL (PLANTING MIXTURE)	CU YD	227			227	
XX006821	CONCRETE TRUCK WASHOUT	L SUM	1	0.7			0.3
* XX007163	INTERCEPT EXISTING CONDUIT FOR LIGHTING CONTROLLER	EACH	2		2		
* XX007326	VEGETATIVE SCREEN PANEL	SQ FT	1,244			1,244	
* XX007638	CONNECTING TO EXISTING HANDHOLE VAULTS	EACH	8		8		
* XX007711	CONDUIT IN GROUND, 3" DIA., GALVANIZED STEEL	FOOT	213		213		
XX007399	MONUMENT TYPE A FOUNDATION	EACH	2		2		
XX008127	STAMPED ASPHALT	SQ YD	294	294			

\* SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>			
SCALE: NTS	SHEET NO. 6 OF 9 SHEETS	STA.	TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-85159-00-TL	COOK	62	9
CONTRACT NO. 63715				
ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	100% LOCAL
				ROADWAY	SAFETY	LANDSCAPING	
				0005 URBAN	0021 URBAN	0031 URBAN	0002 URBAN
XX008258	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 6 INCH	SQ FT	1,735	1,735			
* A2004630	TREE, GLEDITSIA TRIACANTHOS VAR. INERMIS (SUNBURST HONEY LOCUST), 4" CALIPER, BALLED AND BURLAPPED	EACH	6			6	
* B0001720	TREE, AMELANCHIER X GRANDIFLORA (APPLE SERVICEBERRY), 12' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	3			3	
* D2003780	EVERGREEN, THUJA OCCIDENTALIS SMARAGD (EMERALD GREEN AMERICAN ABROVITAE), 9' HEIGHT, BALLED AND BURLAPPED	EACH	2			2	
* D2002650	EVERGREEN, PINUS MUGO VAR. PUMILIO (MUGHO PINE), 4.5' HEIGHT, CONTAINER	EACH	4			4	
* D2000730	EVERGREEN, JUNIPERUS CHINENSIS VAR. SARGENTII VIVIDIS (GREEN SARGENT JUNIPER), 2.5' WIDTH, CONTAINER	EACH	28			28	
* C2003623	SHRUB, HYDRANGES PANICULATA (LIME LIGHT PANICLE HYDRANGEA), 3.5' HEIGHT, CONTAINER GROWN	EACH	7			7	
* C2009520	SHRUB, SALIX PURPUREA NANA (DWARF BLUE LEAF ARCTIC WILLOW), 24" HEIGHT, CONTAINER	EACH	3			3	
* E2009099	GROUND COVER - EUONYMUS FORTUNEI VAR. 'COLORATUS' (PURPLE LEAF WINTERCREEPER), 2.5" POT	EACH	216			216	
* E2002163	VINE - CAMPSIS RADICAN CULTIVAR (FLAVA TRUMPET VINE), 3-GALLON POT	EACH	24			24	
* XX008109	BASE, BALLAST HOUSING, STEEL, 7 GAUGE	EACH	2		2		
* XX008710	CONCRETE FOUNDATION, 24" DIAMETER, 1 1/4" ANCHOR RODS, 15" BOLT CIRCLE, 9 FEET	EACH	1		1		
* XX008711	CONCRETE FOUNDATION, 24" DIAMETER, 1 1/4" ANCHOR RODS, 15" BOLT CIRCLE, 7 FEET	EACH	2		2		
* XX008712	CONCRETE FOUNDATION, 30" DIAMETER, 1 1/4" ANCHOR RODS, 17 1/4" BOLT CIRCLE, 9 FEET	EACH	4		4		

\* SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NTS    SHEET NO. 7 OF 9 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	10
CONTRACT NO. 63715				
ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				80% FED 20% LOCAL	80% FED 20% LOCAL	80% FED 20% LOCAL	100% LOCAL
				ROADWAY	SAFETY	LANDSCAPING	
				0005	0021	0031	0001
				URBAN	URBAN	URBAN	URBAN
* XX008713	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.14 19/C	FOOT	679		679		
* XX008714	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO.4 2/C	FOOT	117		117		
* XX008715	EMBEDDED CONCRETE POLE, WITH LOYOLA LED LUMINARE	EACH	4		4		
X4200531	HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 8" (SPECIAL)	SQ YD	354				354
* XX008716	LUMINAIRE, STREET LIGHT, HIGH PRESSURE SODIUM VAPOR, 310 WATT, 240 VOLT, ARTERIAL, CRIME-FIGHTER MODEL	EACH	2		2		
* XX008717	MAST ARM, STEEL, 15 FOOT	EACH	6		6		
* XX008718	MAST ARM, STEEL MONOTUBE, 16 FOOT	EACH	1		1		
* XX008719	POLE, STEEL, ANCHOR BASE, 11" DIA., 3-GAUGE, 34'-6"	EACH	2		2		
* XX008720	POLE, STEEL, ANCHOR BASE, 8-1/2"DIA., 3-GAUGE, 32'-6"	EACH	2		2		
XX008721	PERMEABLE CLAY PAVERS	SQ FT	3,710	3,710			
* XX008722	PERFORATED EXTRA STRENGTH VITRIFIED CLAY PIPE, 8"	FOOT	430	430			
* XX008723	EXTRA STRENGTH VITRIFIED CLAY PIPE, 12"	FOOT	8	8			
* XX008724	TRENCH AND BACKFILL WITH SCREENINGS	FOOT	560		560		
* XX008725	CONTROLLER, STREET LIGHT, BASE MOUNTED, 1 PHASE, 100 AMP	EACH	1		1		

\* SPECIALTY ITEM

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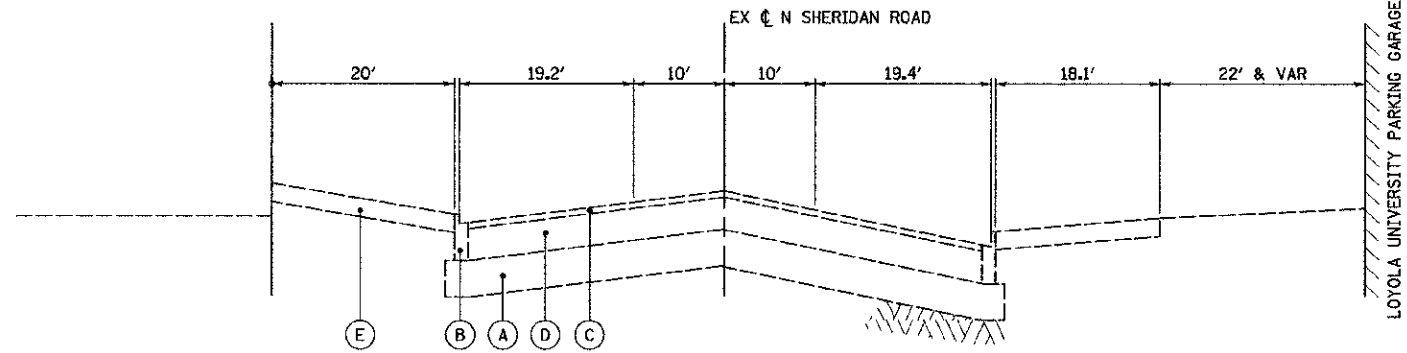
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NTS SHEET NO. 8 OF 9 SHEETS STA. TO STA.

F.A.J. RTE. 2865	SECTION 10-85159-00-TL	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 11
CONTRACT NO. 63715			ILLINOIS FED. AID PROJECT	

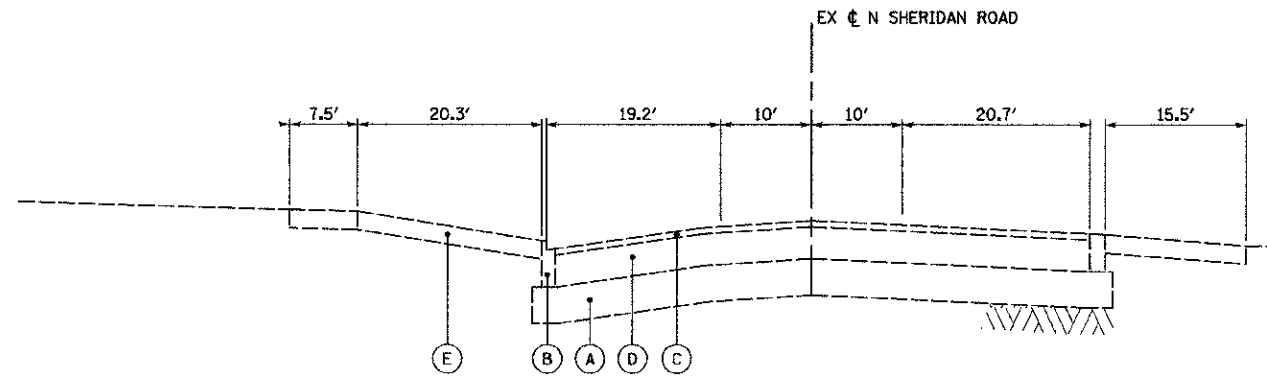




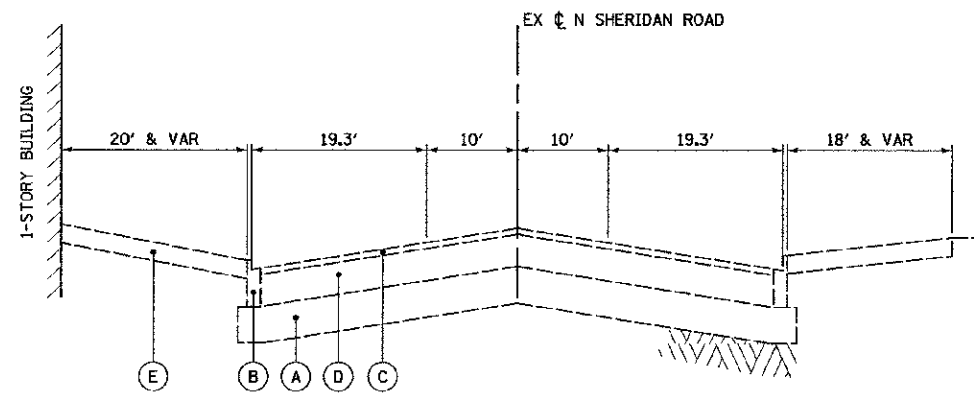
**EXISTING TYPICAL SECTION NO. 1**  
STA 48+40.18 TO STA 50+00.00, N. SHERIDAN ROAD

**LEGEND**

- (A) EX SUBBASE
- (B) EX COMBINATION CONCRETE CURB & GUTTER B-6.12
- (C) EX HOT-MIX ASPHALT SURFACE COURSE, (THICKNESS VARIES)
- (D) EX PAVEMENT
- (E) EX PAVED PARKWAY

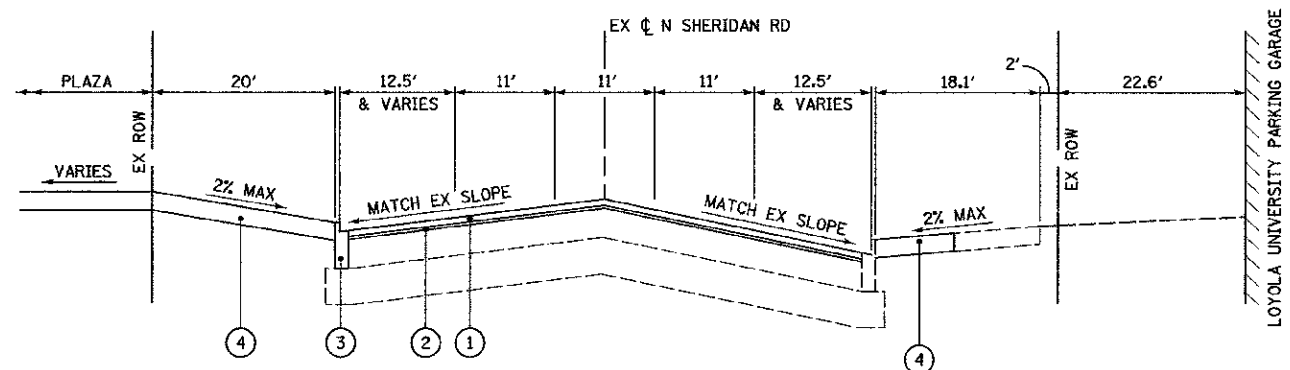


**EXISTING TYPICAL SECTION NO. 2**  
STA 50+00.00 TO STA 51+00.00, N. SHERIDAN ROAD

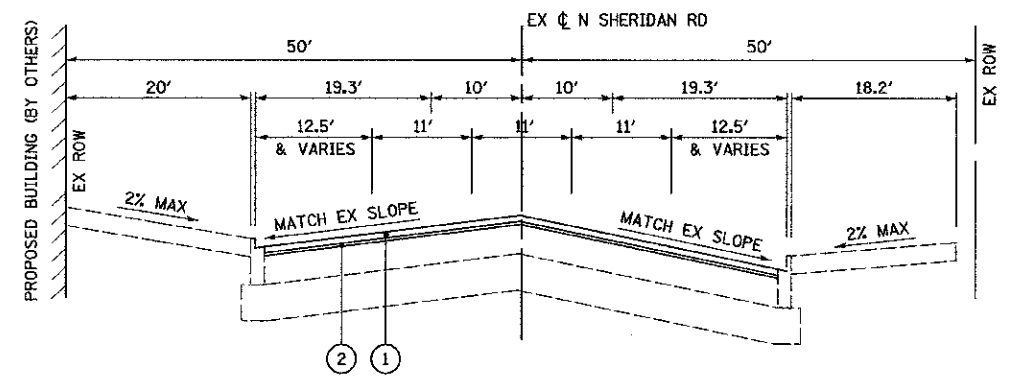


**EXISTING TYPICAL SECTION NO. 3**  
STA 51+00.00 TO STA 52+13.27, N. SHERIDAN ROAD

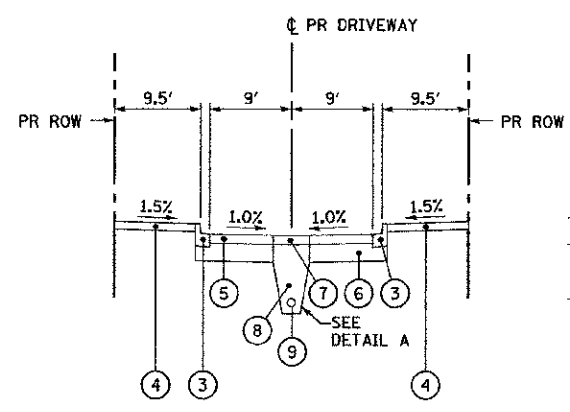
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... \expln\ABC\tyo-01.dgn	DRAWN - TMB	REVISED -			2865	10-B5159-00-TL	COOK	62	12	
USER NAME = telenk	CHECKED - JMM	REVISED -			CONTRACT NO. 63715					
DATE = 7/2/2012	DATE - 7/2/2012	REVISED -			ILLINOIS FED. AID PROJECT					
SCALE: NTS	SHEET NO. 1 OF 1 SHEETS				STA. TO STA.					



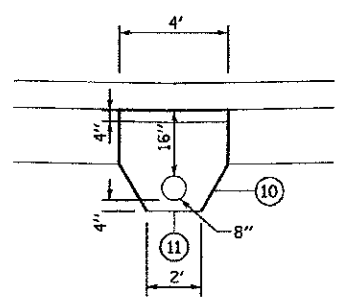
**PROPOSED TYPICAL SECTION NO.1**  
STA 48+40.18 TO STA 50+00.00, N SHERIDAN RD



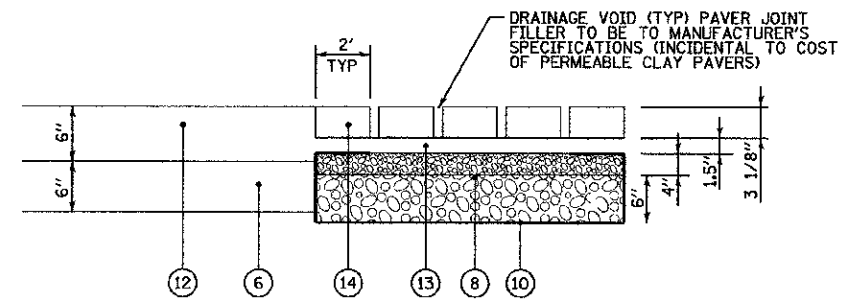
**PROPOSED TYPICAL SECTION NO 2**  
STA 51+00.00 TO STA 52+13.27, N SHERIDAN RD



**PROPOSED TYPICAL SECTION DRIVEWAY**  
STA 13+15.85 TO STA 14+90.00



**DETAIL A**

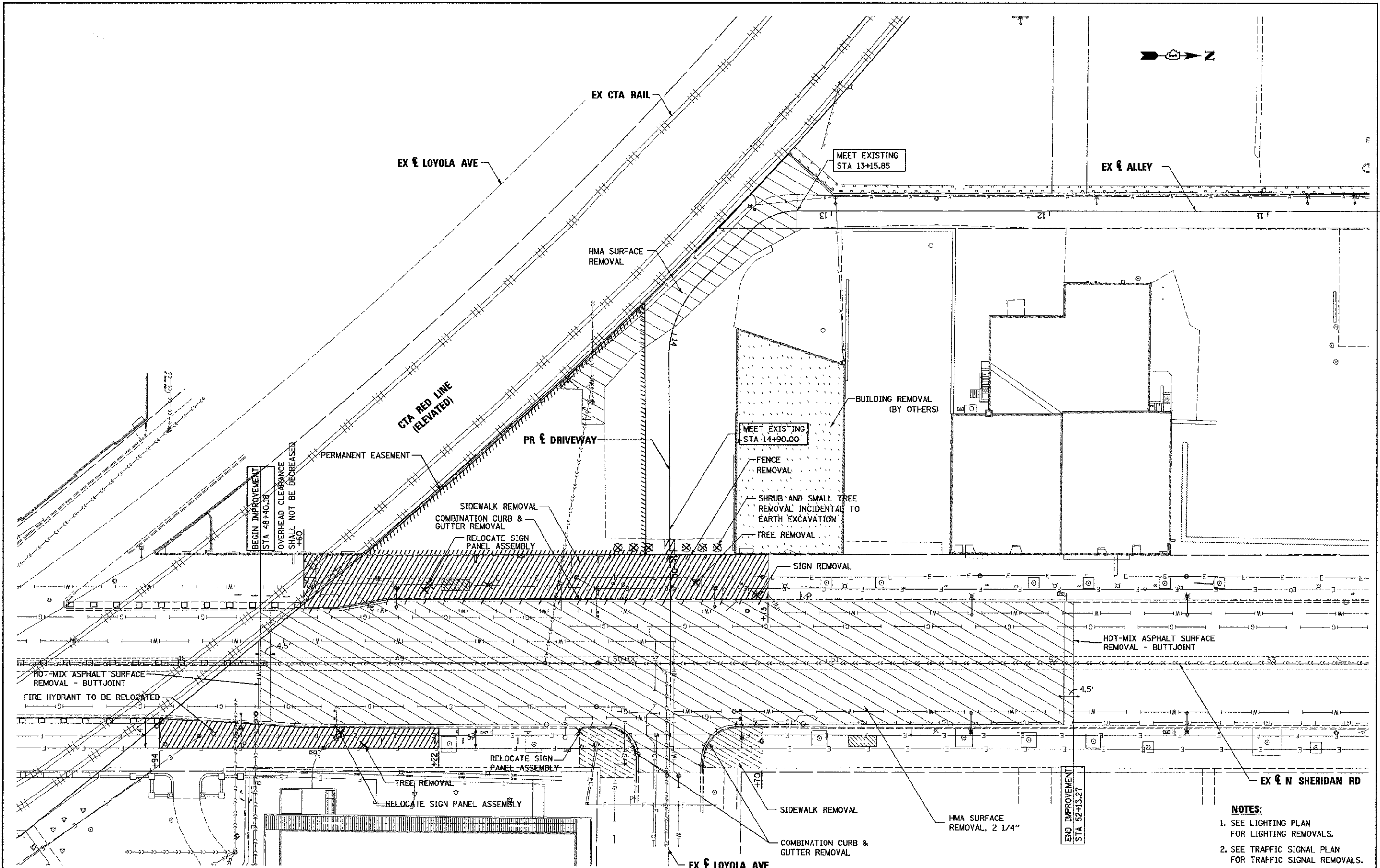


**PROPOSED TYPICAL SECTION PLAZA**  
USE DETAIL A FOR UNDERDRAIN LOCATIONS

**LEGEND**

- ① HMA SURFACE COURSE, MIX "D", N70, (IL 9.5mm), 1 1/2"
- ② LEVELING BINDER (MACHINE METHOD), N70, (IL 9.5mm), 3/4"
- ③ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ④ PCC SIDEWALK, 5 INCH
- ⑤ HIGH EARLY STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 8" (SPECIAL)
- ⑥ SUBBASE GRANULAR MATERIAL, TYPE B, (8" FOR DRIVEWAY, 6" FOR PLAZA)
- ⑦ PORTLAND CEMENT CONCRETE PAVEMENT, 8" (SPECIAL)
- ⑧ SUBBASE GRANULAR MATERIAL (SPECIAL) (4" - CA-7 OVER CA-1)
- ⑨ PERFORATED EXTRA STRENGTH VITRIFIED CLAY PIPE, 8"
- ⑩ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑪ FILTER FABRIC
- ⑫ STAMPED PCC SIDEWALK, 6 INCH
- ⑬ BEDDING MATERIAL (SPECIAL) (CA-16)
- ⑭ PERMEABLE CLAY PAVERS

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USER NAME = tblank	DRAWN - TMB	REVISED -		SCALE: NTS	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	2865	10-B5159-00-TL	COOK	62	13
PLDT DATE = 7/2/2012	CHECKED - JMM	REVISED -					CONTRACT NO. 63715			ILLINOIS FED. AID PROJECT		
	DATE - 7/2/2012	REVISED -										



- NOTES:**
1. SEE LIGHTING PLAN FOR LIGHTING REMOVALS.
  2. SEE TRAFFIC SIGNAL PLAN FOR TRAFFIC SIGNAL REMOVALS.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN**

SCALE: 1"=20' | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-85159-00-TL	COOK	62	14
CONTRACT NO. 63715			ILLINOIS FED. AID PROJECT	

**CUR C-ALLEY1**

PI STA = 13+28.04  
 $\Delta = 45^\circ 35' 26''$  (LT)  
 R = 29.00'  
 T = 12.19'  
 L = 23.08'  
 E = 2.46'  
 PC STA = 13+15.85  
 PT STA = 13+38.93  
 BACK BRG = S  $0^\circ 00'$  11.00" W  
 AHEAD BRG = S  $45^\circ 35'$  15.30" E

**CUR C-ALLEY2**

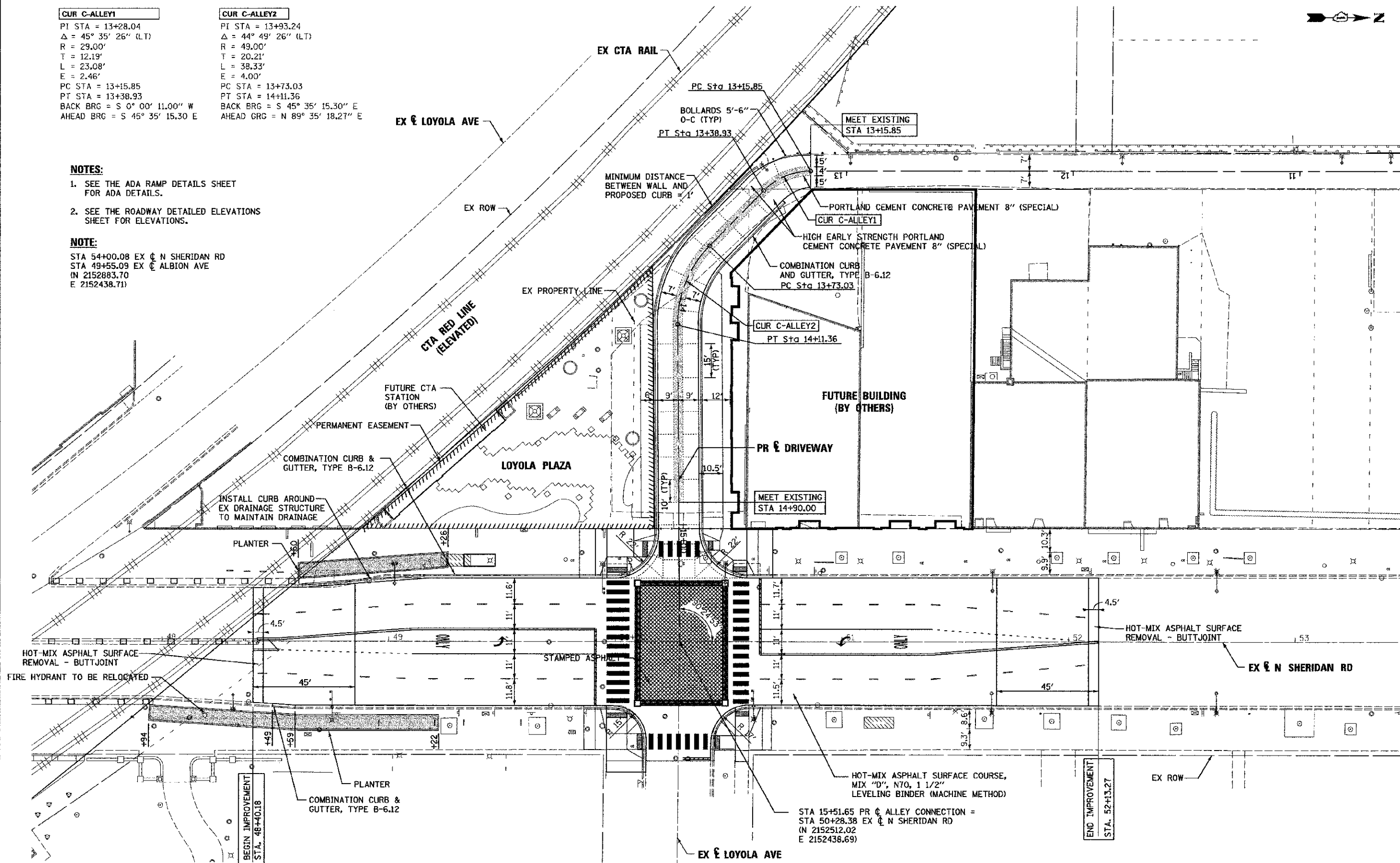
PI STA = 13+93.24  
 $\Delta = 44^\circ 49' 26''$  (LT)  
 R = 49.00'  
 T = 20.21'  
 L = 38.33'  
 E = 4.00'  
 PC STA = 13+73.03  
 PT STA = 14+11.36  
 BACK BRG = S  $45^\circ 35'$  15.30" E  
 AHEAD BRG = N  $89^\circ 35'$  18.27" E

**NOTES:**

1. SEE THE ADA RAMP DETAILS SHEET FOR ADA DETAILS.
2. SEE THE ROADWAY DETAILED ELEVATIONS SHEET FOR ELEVATIONS.

**NOTE:**

STA 54+00.08 EX  $\phi$  N SHERIDAN RD  
 STA 49+55.09 EX  $\phi$  ALBION AVE  
 (N 2152883.70  
 E 2152438.71)



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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION


**ROADWAY PLAN**

SCALE: 1"=20' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

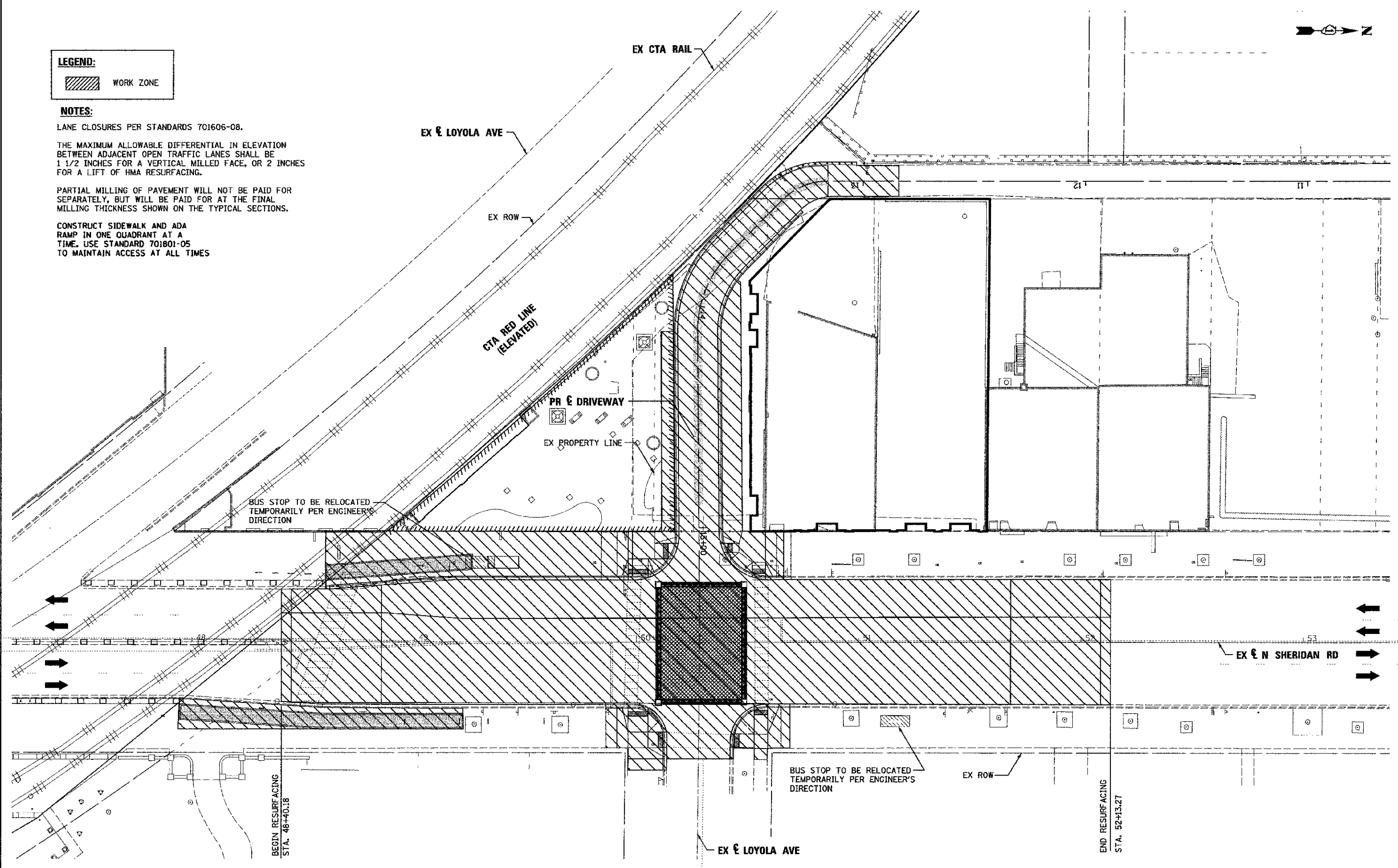
FILE RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	15
CONTRACT NO. 63715				
ILLINOIS FED. AID PROJECT				





**LEGEND:**  
 WORK ZONE

**NOTES:**  
 LANE CLOSURES PER STANDARDS 701606-08.  
 THE MAXIMUM ALLOWABLE DIFFERENTIAL IN ELEVATION BETWEEN ADJACENT OPEN TRAFFIC LANES SHALL BE 1 1/2 INCHES FOR A VERTICAL MILLED FACE, OR 2 INCHES FOR A LIFT OF HMA RESURFACING.  
 PARTIAL MILLING OF PAVEMENT WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE PAID FOR AT THE FINAL MILLING THICKNESS SHOWN ON THE TYPICAL SECTIONS.  
 CONSTRUCT SIDEWALK AND ADA RAMP IN ONE QUADRANT AT A TIME. USE STANDARD 701801-05 TO MAINTAIN ACCESS AT ALL TIMES



FILE NAME =	DESIGNED - AAA	REVISED -
USER NAME = tblank	DRAWN - TMB	REVISED -
PLOT DATE = 7/2/2012	CHECKED - JMM	REVISED -
	DATE - 7/2/2012	REVISED -



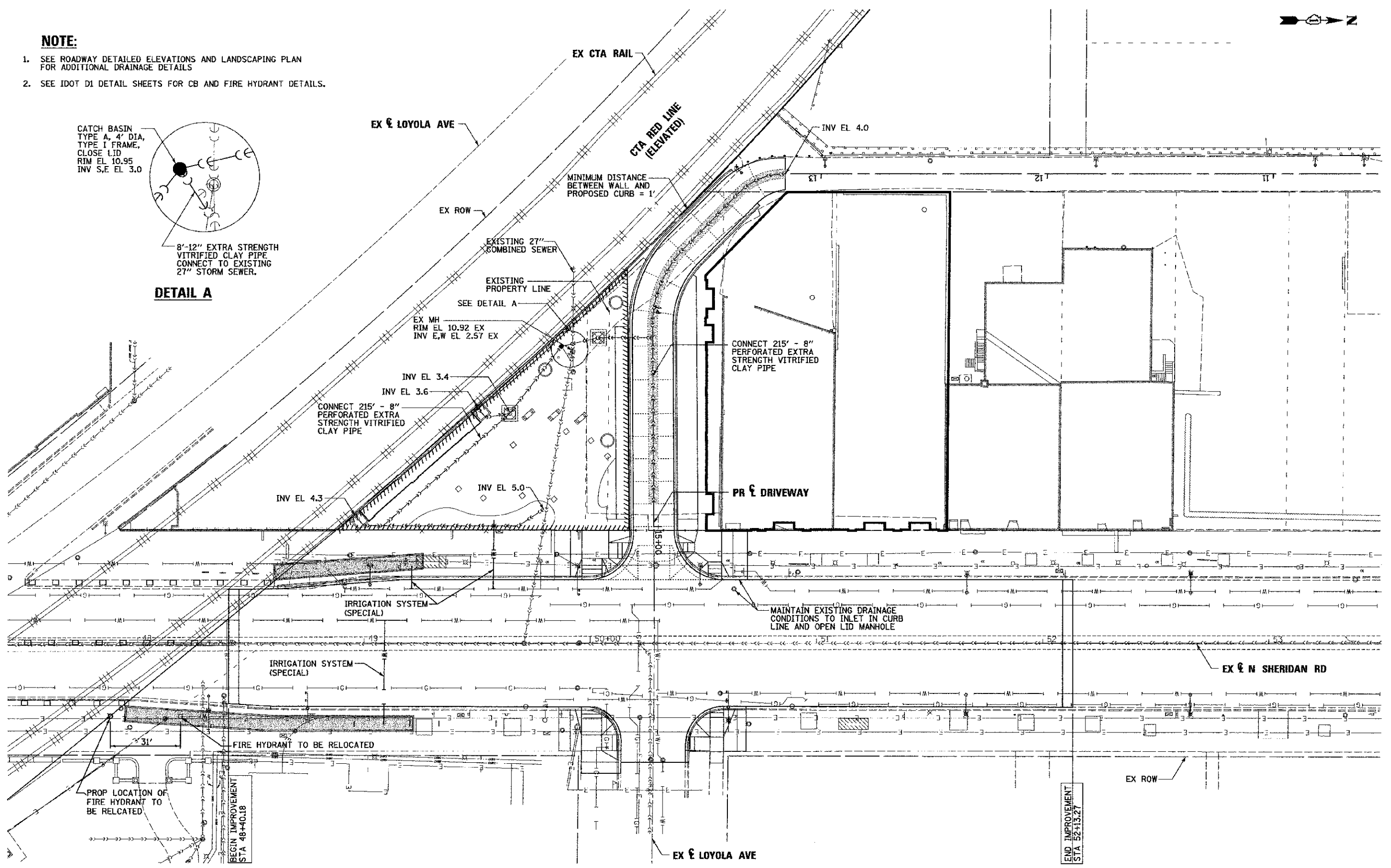
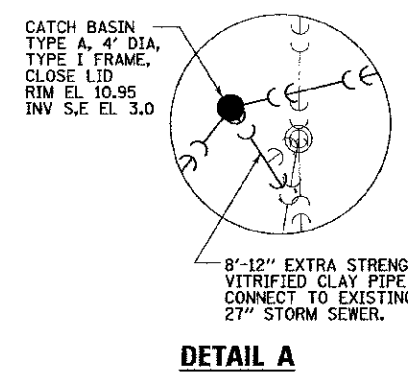
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC

SCALE: 1"=20' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 2865	SECTION 10-B5159-00-TL	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 16
CONTRACT NO. 63715			ILLINOIS FED. AID PROJECT	

- NOTE:**
- SEE ROADWAY DETAILED ELEVATIONS AND LANDSCAPING PLAN FOR ADDITIONAL DRAINAGE DETAILS
  - SEE IDOT D1 DETAIL SHEETS FOR CB AND FIRE HYDRANT DETAILS.



FILE NAME =	DESIGNED - AAF	REVISED -
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USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 7/2/2012	DATE - 7/2/2012	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITY PLAN**

SCALE: 1"=20' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

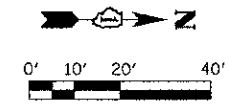
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-85159-00-TL	COOK	62	17
CONTRACT NO. 63715				
ILLINOIS FED. AID PROJECT				

**LEGEND: CTA PEDESTRIAN PLAZA PLANTINGS**

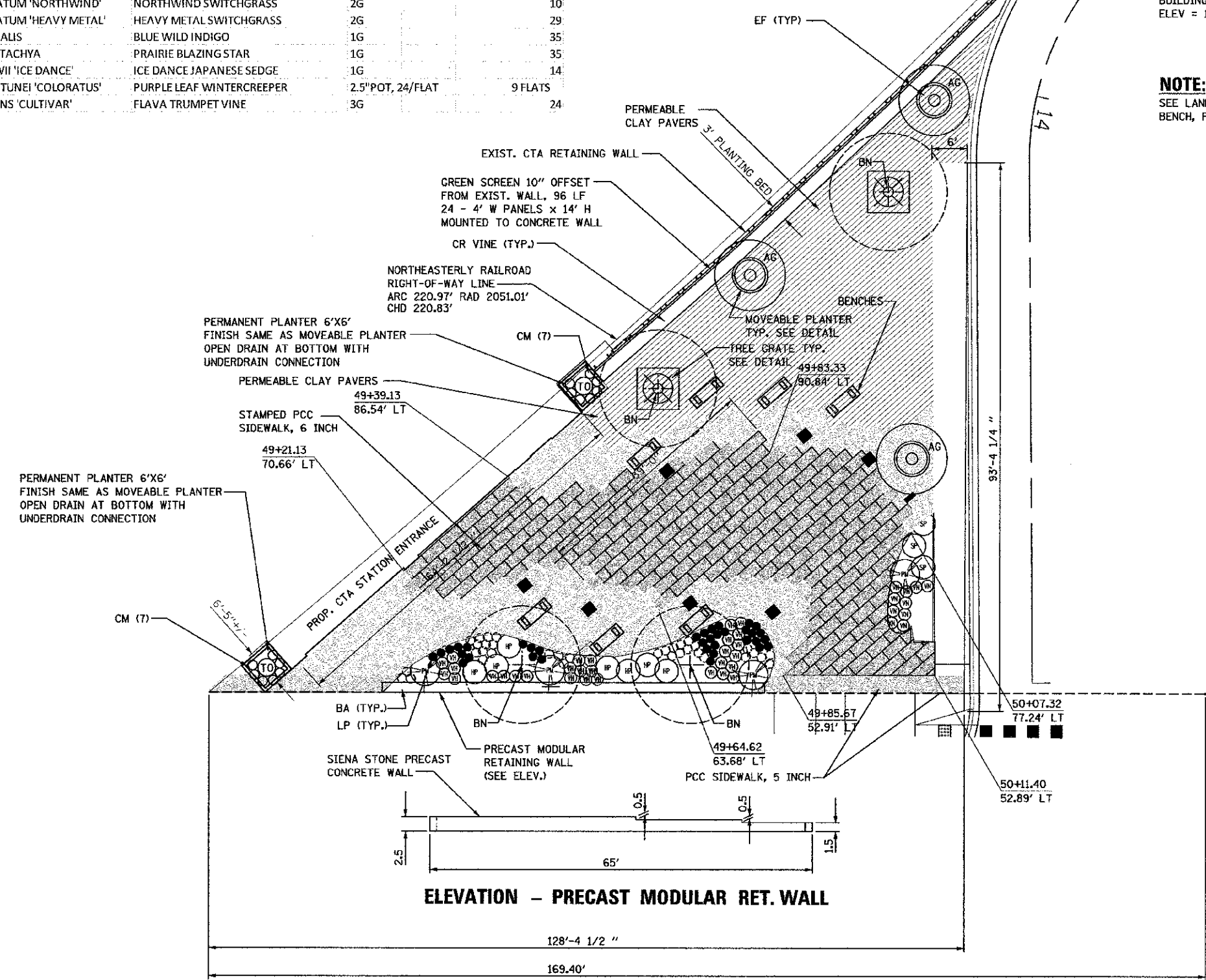
KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS	TOTAL
AG	AMELANCHIER GRANDIFLORA	APPLE SERVICEBERRY	12'			3
BN	BETULA NIGRA	RIVER BIRCH	2.5"			4
TO	THUJA OCCIDENTALIS 'SMARAGD'	EMERALD GREEN ARBORVITAE	9'			2
PM	PINUS MUGO VAR PUMILIO	DWARF MUGO PINE	54"			4
HP	HYDRANGEA PANICULATA	LITTLE LIME HYDRANGEA	42"			7
SP	SALIX PURPUREA NANA	DWARF BLUE LEAF ARTIC WILLOW	24"			3
VN	PANICUM VIRGATUM 'NORTHWIND'	NORTHWIND SWITCHGRASS	2G			10
VH	PANICUM VIRGATUM 'HEAVY METAL'	HEAVY METAL SWITCHGRASS	2G			29
BA	BAPTISIA AUSTRALIS	BLUE WILD INDIGO	1G			35
LP	LIATRIS PYCNOSTACHYA	PRAIRIE BLAZING STAR	1G			35
CM	CAREX MORROWII 'ICE DANCE'	ICE DANCE JAPANESE SEDGE	1G			14
EF	EUONYMUS FORTUNEI 'COLORATUS'	PURPLE LEAF WINTERCREEPER	2.5" POT, 24/FLAT			9 FLATS
CR	CAMPIS RADICANS 'CULTIVAR'	FLAVA TRUMPET VINE	3G			24

EAST BENCHMARK  
 "T" CUT ON NORTHWEST CORNER OF  
 WALL OF 2 STORY BUILDING, SOUTHEAST  
 CORNER OF SHERIDAN RD AND LOYOLA AVE  
 ELEV = 14.00

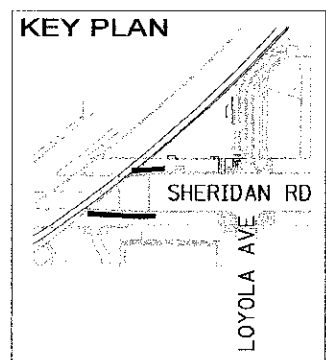
WEST BENCHMARK  
 "T" CUT ON NORTHERLY FACE OF THE  
 CONCRETE WALL ALONG THE NORTHERLY  
 RIGHT-OF-WAY LINE OF THE ELEVATED  
 RAILWAY AND WEST OF THE 1 STORY  
 BUILDING KNOWN AS #6550 SHERIDAN RD  
 ELEV = 14.00



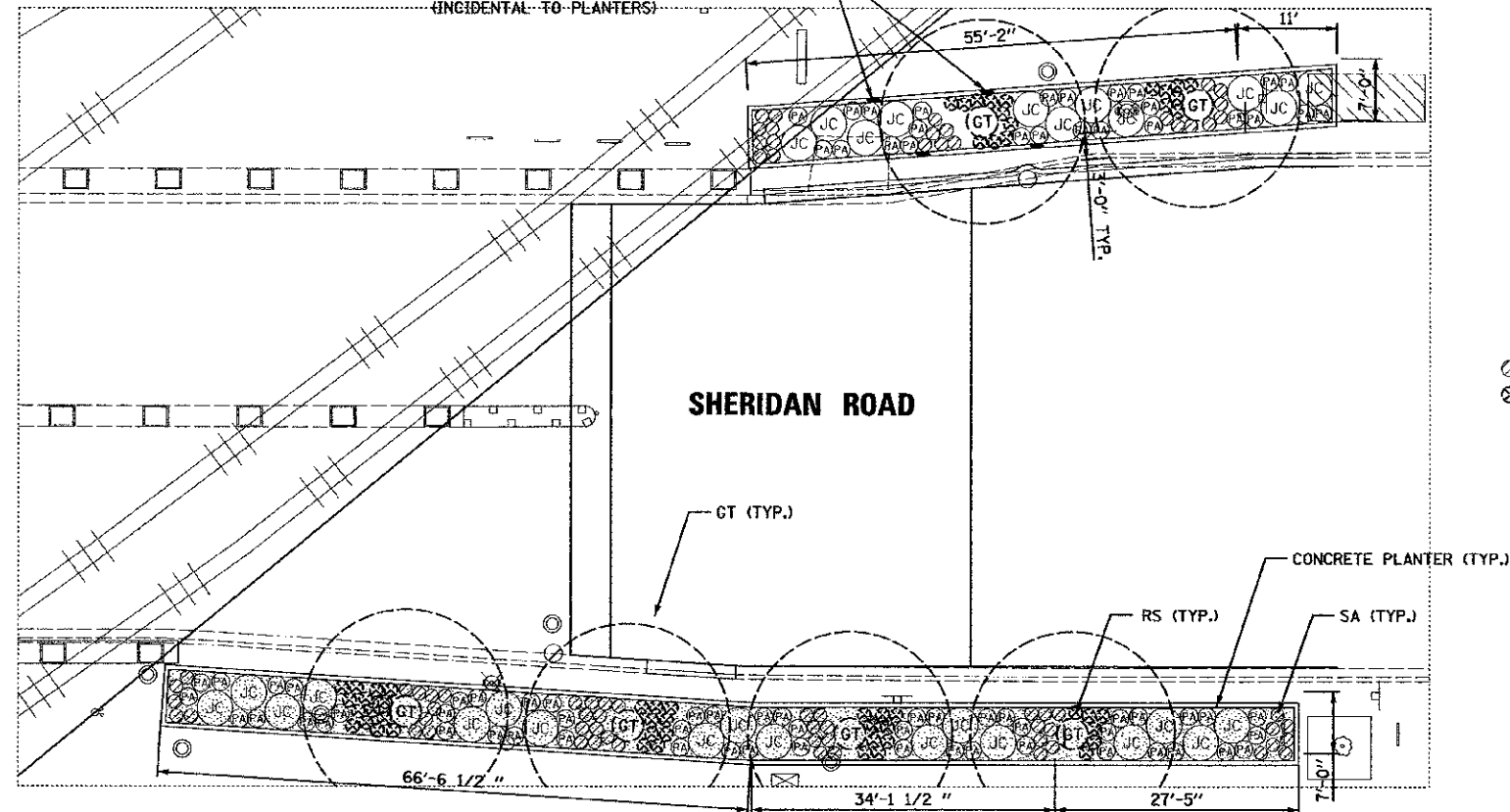
**NOTE:**  
 SEE LANDSCAPING DETAIL SHEET FOR  
 BENCH, PLANTER AND BOLLARD DETAILS.



**ELEVATION - PRECAST MODULAR RET. WALL**

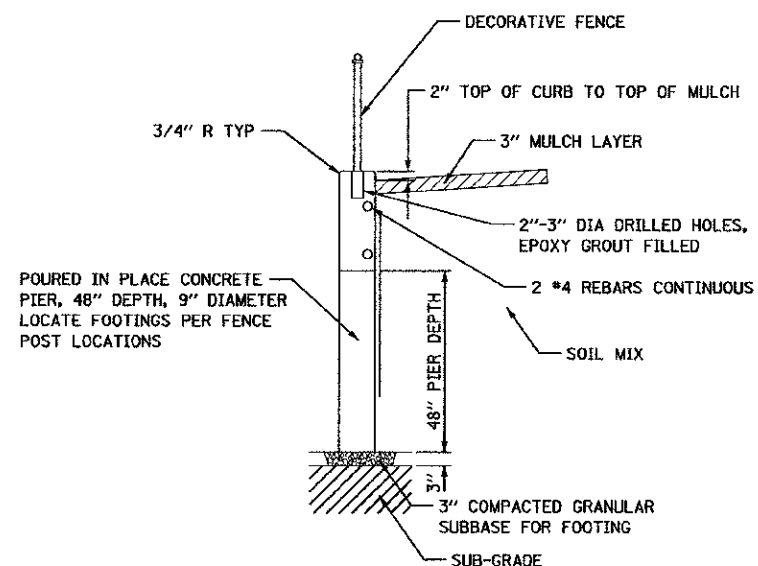


PROVIDE CONSTRUCTION JOINT IN PLANTER CURB 5FT EACH SIDE OF EXISTING WATER MAIN (INCIDENTAL TO PLANTERS)

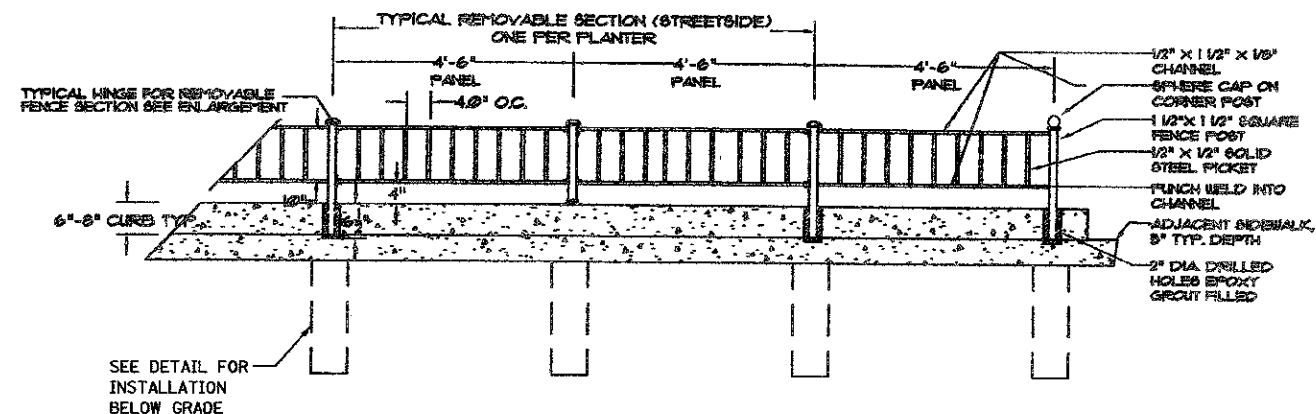
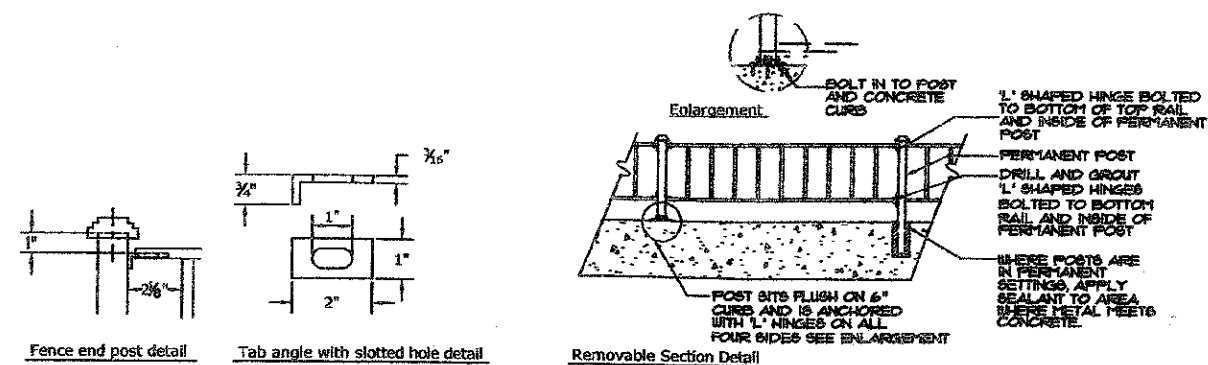


**LEGEND**

KEY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS	TOTAL
GT	GLEDTISIA TRIACANTHOS VAR INERMIS	SUNBURST HONEY LOCUST	4"			6
JC	JUNIPERUS CINENSIS VAR. SARGENTII	GREEN SARGENT JUNIPER	30"			28
PA	PENNISETUM ALOPECURIODES 'HAMELIN'	HAMELIN FOUNTAIN GRASS	1G			77
SA	SEDUM X 'AUTUMN FIRE'	AUTUMN FIRE STONECROP	1G			75
RS	PEROVSKIA ATRIPLICIFOLIA	LITTLE SPIRE RUSSIAN SAGE	1G			55



**LANDSCAPE PLANTER CURB DETAIL**  
NOT TO SCALE



**SHERIDAN ROAD LANDSCAPE PLANTER CURB WITH FENCE**

FILE NAME =	DESIGNED - JD	REVISED - -
...Npp\in\nc0-la-det-18-2.dgn	DRAWN - KH	REVISED - -
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PLOT DATE = 7/18/2012	DATE - 7/18/2012	REVISED - -

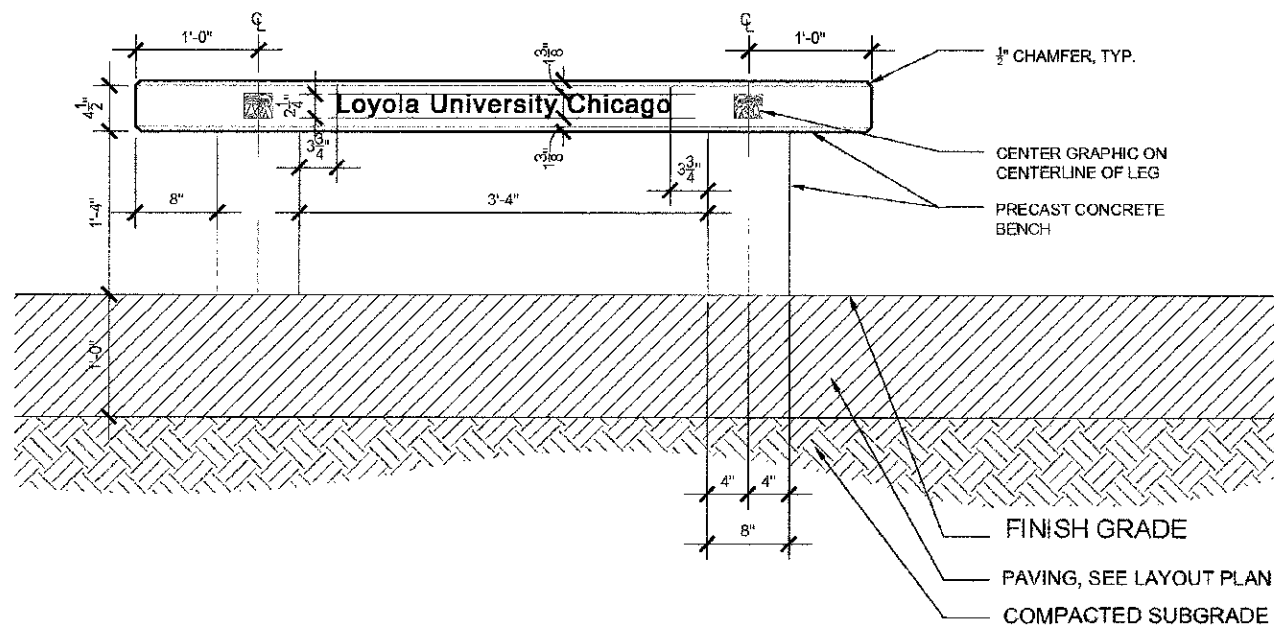
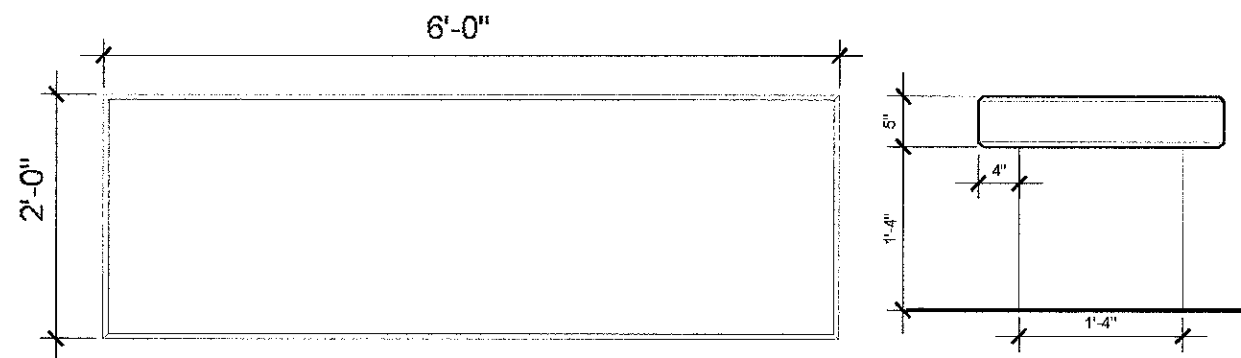


**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

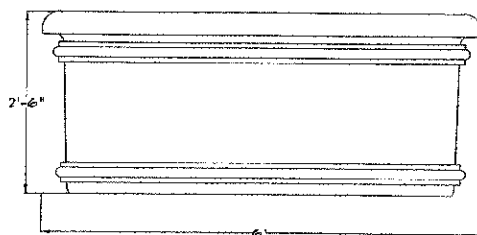
**SHERIDAN ROAD ROW & LANDSCAPE PLAN**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	68	19
CONTRACT NO. 63715				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_



**LOYOLA BENCH DETAIL**



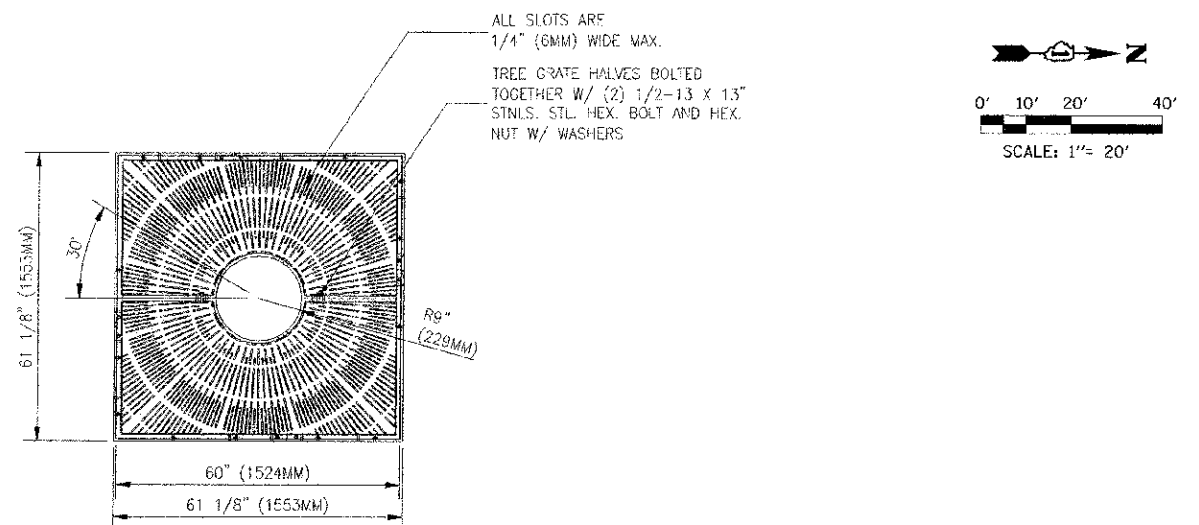
**MOVABLE PLANTER DETAIL**

DIE CAST EXTRUDED ALUMINUM  
SAFETY GLASS  
REFLECTOR ANODIZED ALUMINUM  
INTEGRAL ELECTRONIC DRIVER DIMMABLE

LED LAMP 19.6 W, 2250 LUMEN  
39 3/8 "X6 3/8"X6 3/8"

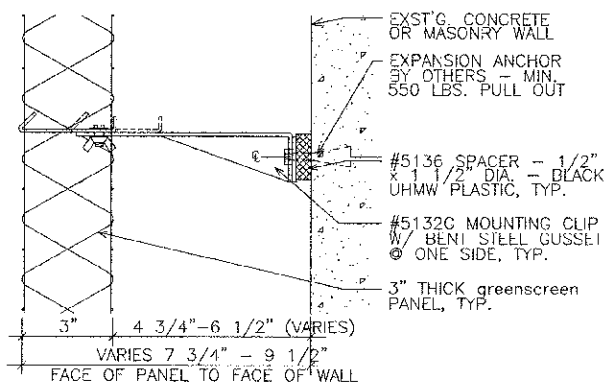


**BOLLARD LIGHT DETAIL**

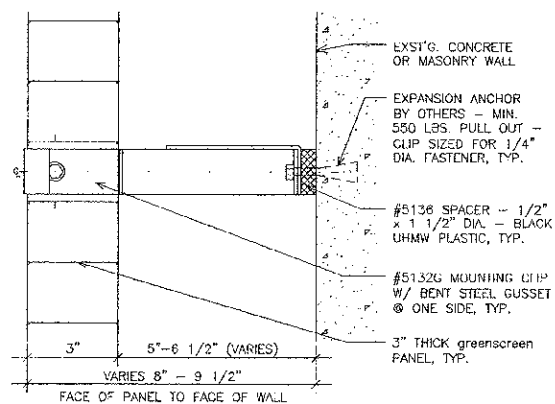


GRATE SHOWN: NEENAH R- OR USE APPROVED EQUAL  
NOTE: ALL DIMENSIONS SHOWN ARE IN ENGLISH AND [METRIC]  
MATERIAL: CAST GRAY IRON ASTM A-48, CLASS 35B  
FINISH: NO PAINT  
WEIGHT: APPROX. 240#

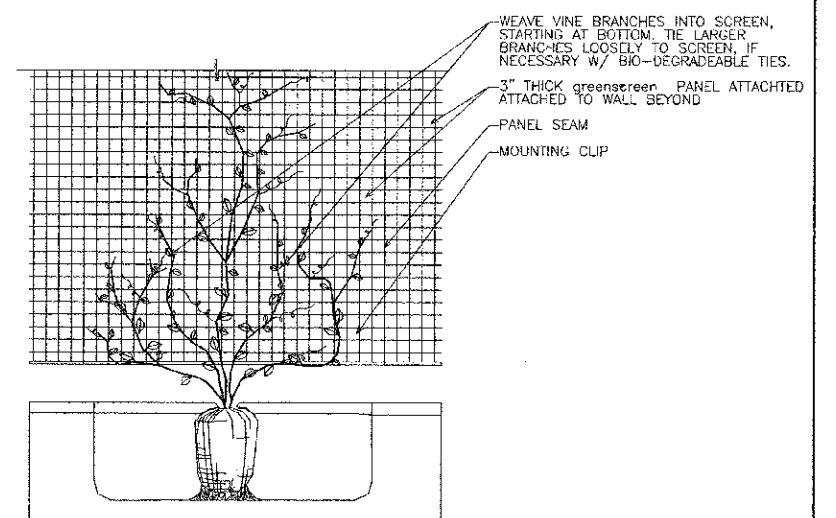
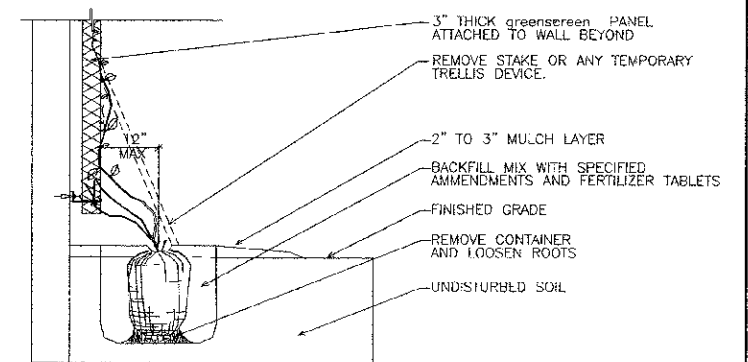
**TREE GRATE DETAIL**



**#5132G MOUNTING CLIP  
WALL MOUNTED SECTION**



**#5132G MOUNTING CLIP  
WALL MOUNTED PLAN**



**SECTION AND ELEVATION  
TYPICAL FOR WALL MOUNTED APPLICATION**

FILE NAME =	DESIGNED -	REVISED -
... \pripin\ABC-1a\det-10-3.dgn	DRAWN -	REVISED -
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PLOT DATE = 7/2/2012	DATE = 7/2/2012	REVISED -

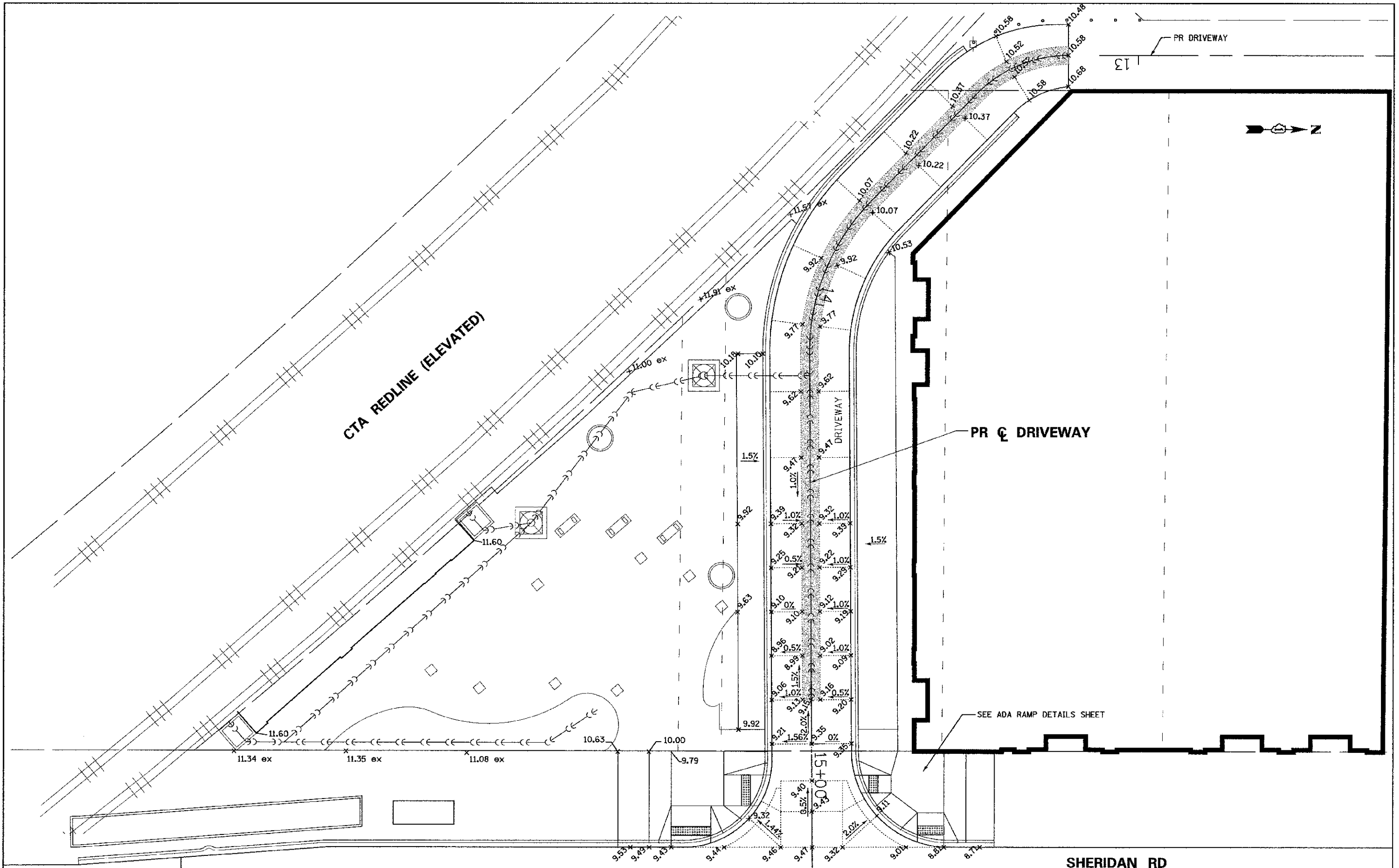


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPING DETAILS

SCALE: NTS SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	20
			CONTRACT NO. 63715	
ILLINOIS FED. AID PROJECT				



FILE NAME =	DESIGNED - AAF	REVISED -
...\\pp\in\ABC\Int-Detail.dgn	DRAWN - TMB	REVISED -
USER NAME = tborck	CHECKED - JMM	REVISED -
PLOT DATE = 7/2/2012	DATE - 7/2/2012	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILED ELEVATIONS  
EXISTING N SHERIDAN RD**

SCALE: 1"=10' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	21
CONTRACT NO. 63715			ILLINOIS FED. AID PROJECT	



**NOTES:**

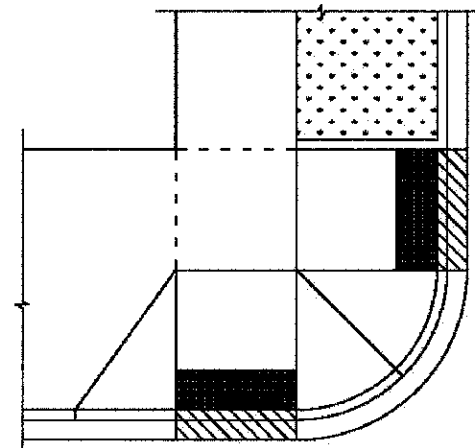
**CURB RAMP LAYOUT B-1-2 IS PREFERRED WHEREVER POSSIBLE. WHERE RAMPS ARE LOCATED IN THE CORNER RADIUS, LAYOUT B-1-3 SHALL BE USED.**

CURB RAMP PLACEMENT SHALL BE COORDINATED AS REQUIRED TO ALLOW FOR A 4' MINIMUM WIDTH SIDEWALK AROUND EACH CORNER OF INTERSECTION. SIDEWALK NOT TO BE OBSTRUCTED BY CURB RAMPS OR OTHER BARRIERS AND SHALL HAVE A CROSS SLOPE OF 1:64 MAXIMUM.

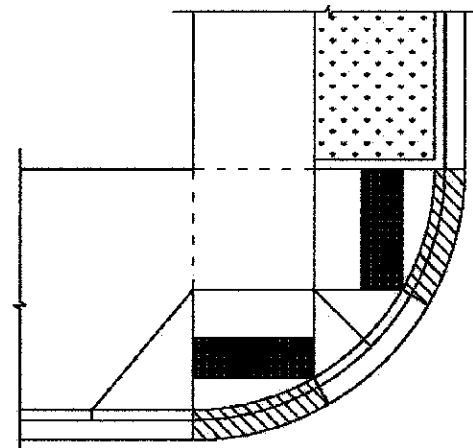
THE BLENDED TRANSITION LAYOUT B-1-7 (AND SIMILAR) MAY BE USED WHERE TWO RAMPS ARE NOT POSSIBLE DUE TO GEOMETRIC CONSTRAINTS, SUCH AS LIMITED SIDEWALK WIDTH OR GRADE ELEVATIONS. THE BLENDED TRANSITION SHALL NOT BE USED IF ACCESS TO AN EXISTING FACILITY WOULD BE REDUCED.

**THE SHARED PERPENDICULAR RAMP AT CORNER LAYOUT B-1-10 IS NOT PREFERRED AND MAY ONLY BE USED WITH PERMISSION FROM THE COMMISSIONER.**

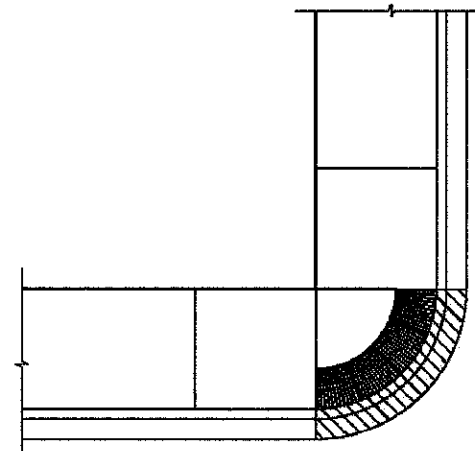
SEE SHEET B-3-3 FOR TRANSITION PANEL GUIDELINES.



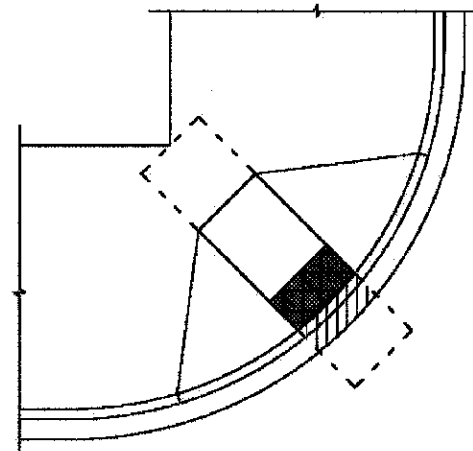
**SHEET B-1-2: 2 PERPENDICULAR RAMPS**



**SHEET B-1-3: 2 RAMPS IN RADIUS**



**SHEET B-1-7: BLENDED TRANSITION**



**SHEET B-1-10: SHARED PERPENDICULAR RAMP AT CORNER**



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4

SCALE: NOT TO SCALE  
DATE: 10/23/2008

**CITY OF CHICAGO  
TYPICAL CORNER RAMP LAYOUTS  
SHEET B-1-1**

DRAWN BY: CDOT  
CHECKED BY: LCM

FILE NAME =	DESIGNED -	REVISED -
... \VDA\p\pin-ABC-ADA-det-01.dgn	DRAWN -	REVISED -
USER NAME = tblank	CHECKED -	REVISED -
PLOT DATE = 7/2/2012	DATE = 7/2/2012	REVISED -



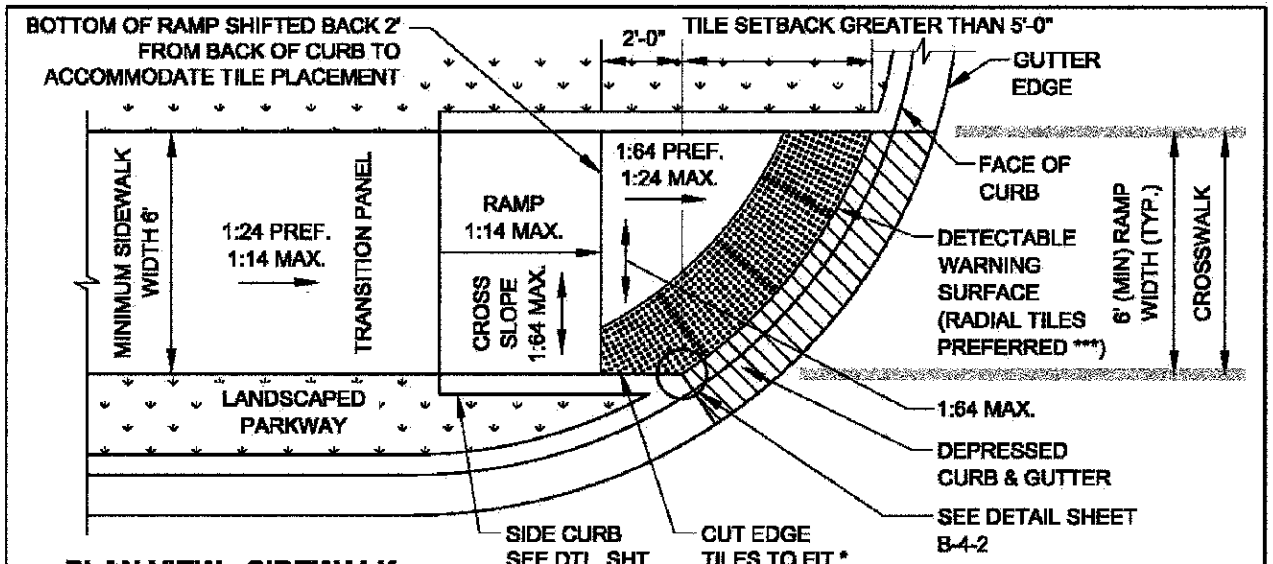
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ADA CONSTRUCTION DETAILS</b>	
SCALE: NTS	SHEET NO. 1 OF 10 SHEETS
STA.	TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	23
CONTRACT NO. 63715				
ILLINOIS FED. AID PROJECT				





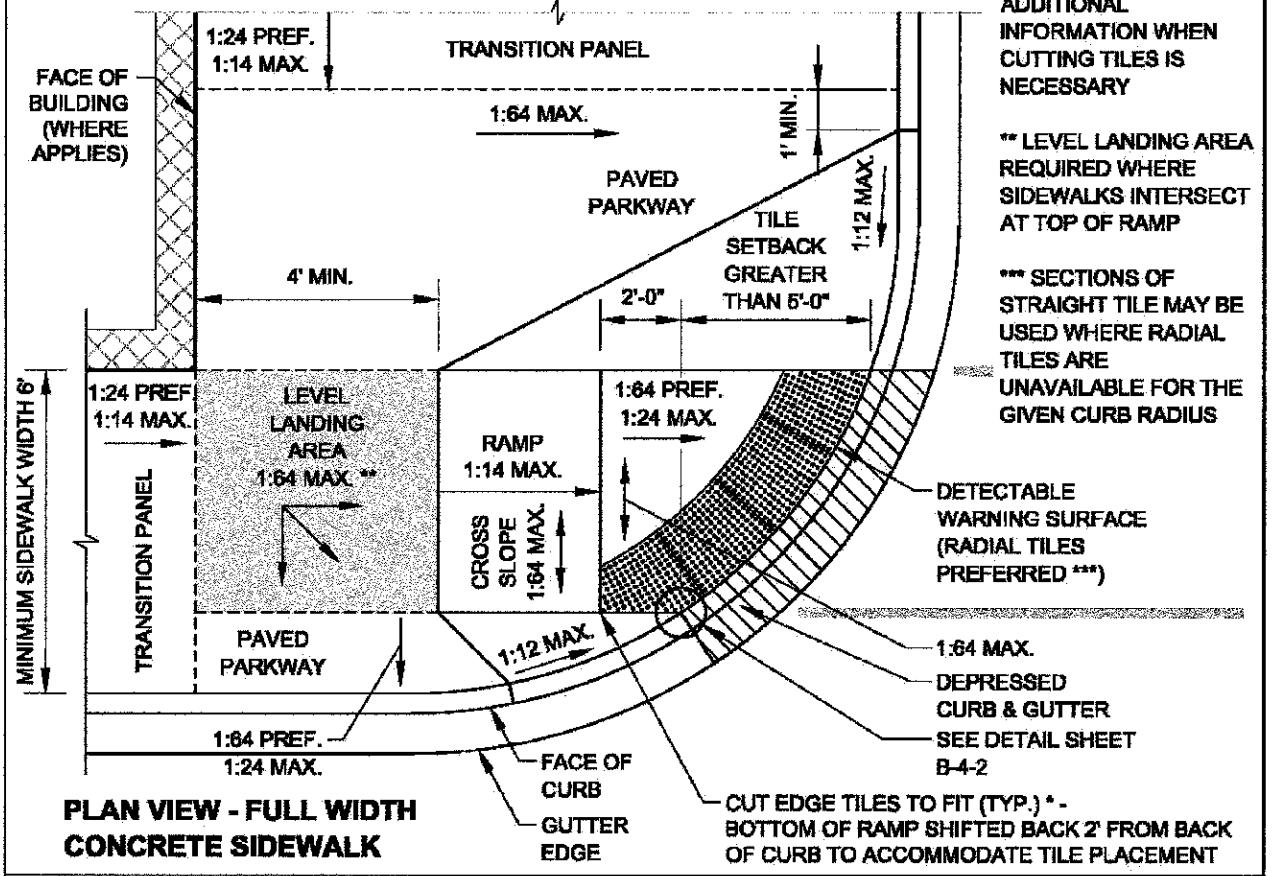


**PLAN VIEW - SIDEWALK THROUGH PARKWAY**

\* REFER TO NOTE #3 ON SHEET B-3-2 FOR ADDITIONAL INFORMATION WHEN CUTTING TILES IS NECESSARY

\*\* LEVEL LANDING AREA REQUIRED WHERE SIDEWALKS INTERSECT AT TOP OF RAMP

\*\*\* SECTIONS OF STRAIGHT TILE MAY BE USED WHERE RADIAL TILES ARE UNAVAILABLE FOR THE GIVEN CURB RADIUS



**PLAN VIEW - FULL WIDTH CONCRETE SIDEWALK**



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4

CITY OF CHICAGO  
 PERPENDICULAR RAMP AT CORNER IN CURB RADIUS  
 WITH TILE SETBACK GREATER THAN 5'  
**SHEET B-1-5**  
 SCALE: NOT TO SCALE  
 DATE: 10/22/2008  
 DRAWN BY: CDOT  
 CHECKED BY: LCM

FILE NAME *	DESIGNED -	REVISED -
... \VGA\p\pin\ADC-ADA-det-03.dgn	DRAWN -	REVISED -
USER NAME = tblank	CHECKED -	REVISED -
PLOT DATE = 7/2/2012	DATE = 7/2/2012	REVISED -



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: NTS		SHEET NO. 3 OF 10 SHEETS		STA. TO STA.	
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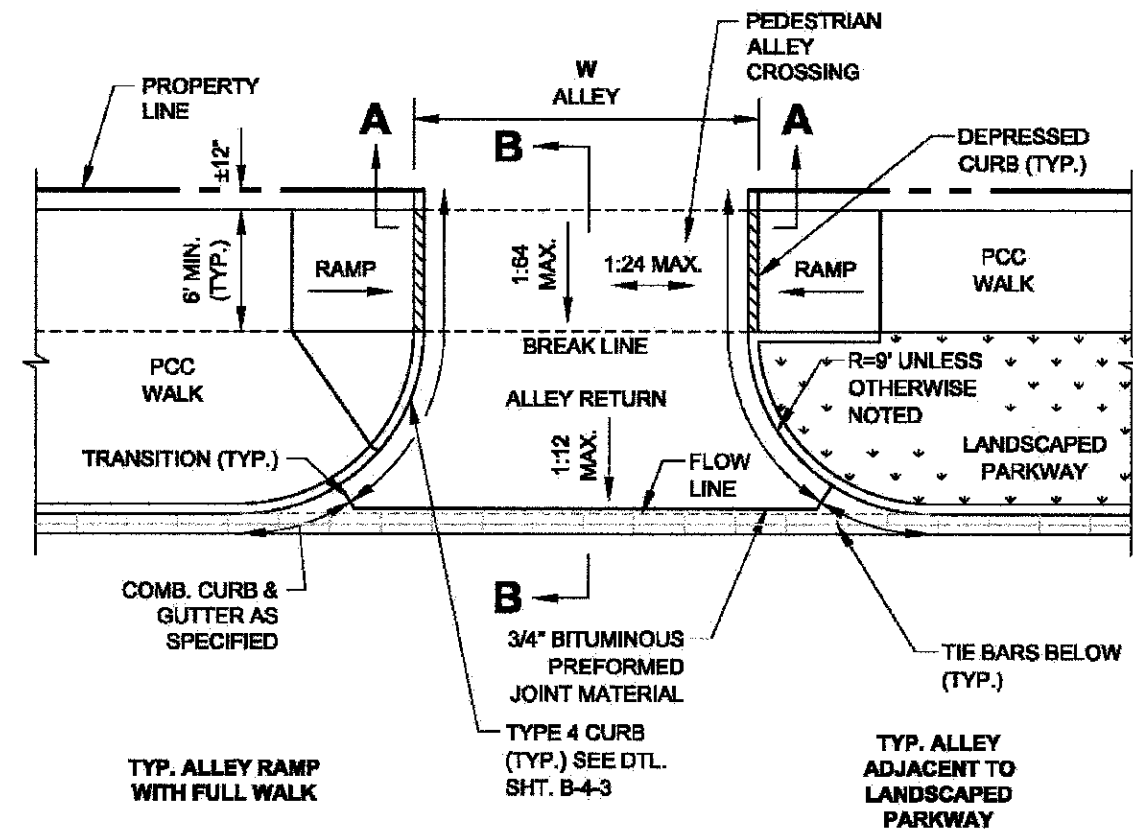
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	25
CONTRACT NO. 63715				
ILLINOIS FED. AID PROJECT				

**NOTES:**

A. DETECTABLE WARNING TILES ARE NOT REQUIRED AT ALLEY RETURNS.

B. RAMP DETAILS ARE DEPENDENT UPON SITE SPECIFIC CONDITIONS (WHERE RAMPS ARE NECESSARY). SEE APPROPRIATE RAMP SHEET AS REQUIRED (TYP.).

C. SEE DETAIL B-2-5 FOR REDUCED WIDTH (4' MIN.) PEDESTRIAN ACCESSIBLE ROUTE ACROSS ALLEY / DRIVEWAY (TO ALLOW FOR ADDITIONAL SLOPE AT ALLEY / DRIVEWAY).



**PLAN VIEW**

**NOTE:**  
WORK THIS SHEET WITH SHEET B-2-2.



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4

SCALE: NOT TO SCALE  
DATE: 10/23/2008

**CITY OF CHICAGO  
ALLEY RETURN PLAN VIEW  
SHEET B-2-1**

DRAWN BY: CDOT  
CHECKED BY: LCM

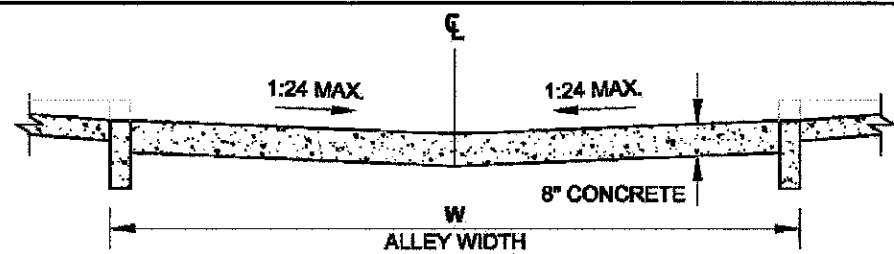
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PLOT DATE = 7/2/2012	DATE - 7/2/2012	REVISED -



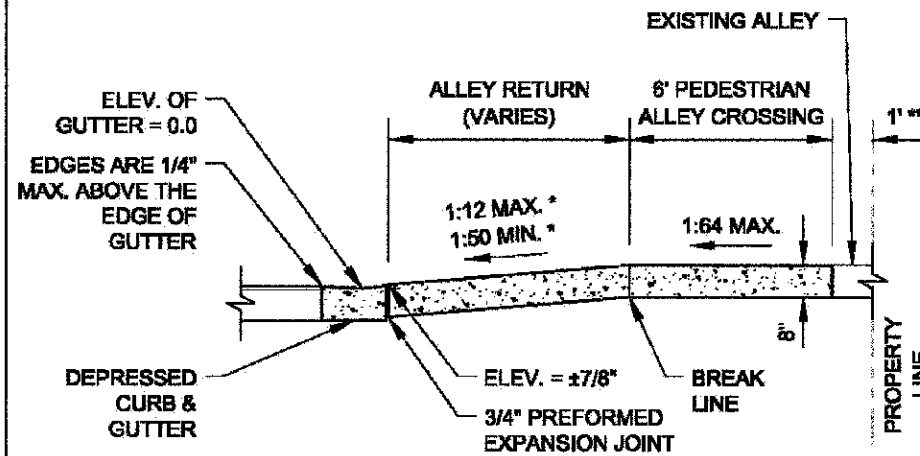
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

ADA CONSTRUCTION DETAILS	
SCALE: NTS	SHEET NO. 4 OF 10 SHEETS STA. TO STA.

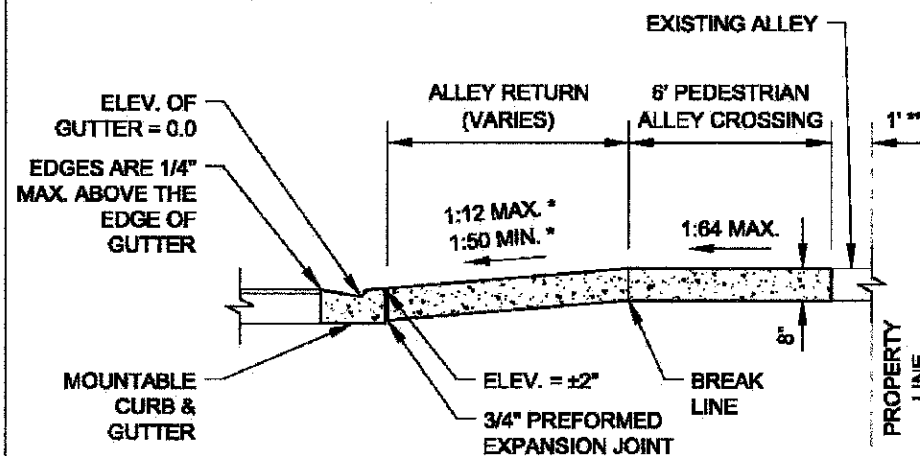
F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-85159-00-TL	COOK	62	26
CONTRACT NO. 63715				
ILLINOIS FED. AID PROJECT				



**SECTION A-A: CROSS SECTION AT PROPERTY LINE**



**SECTION B-B: LONGITUDINAL SECTION SHOWING DEPRESSED CURB & GUTTER**



**SECTION B-B: LONGITUDINAL SECTION SHOWING MOUNTABLE CURB & GUTTER**

**ALLEY RETURN NOTES:**

A. WHEN A PORTION OF AN EXISTING PAVED ALLEY IS REMOVED TO ADJUST THE ALLEY PAVEMENT TO THE NEW GRADE, 3/4\"/>

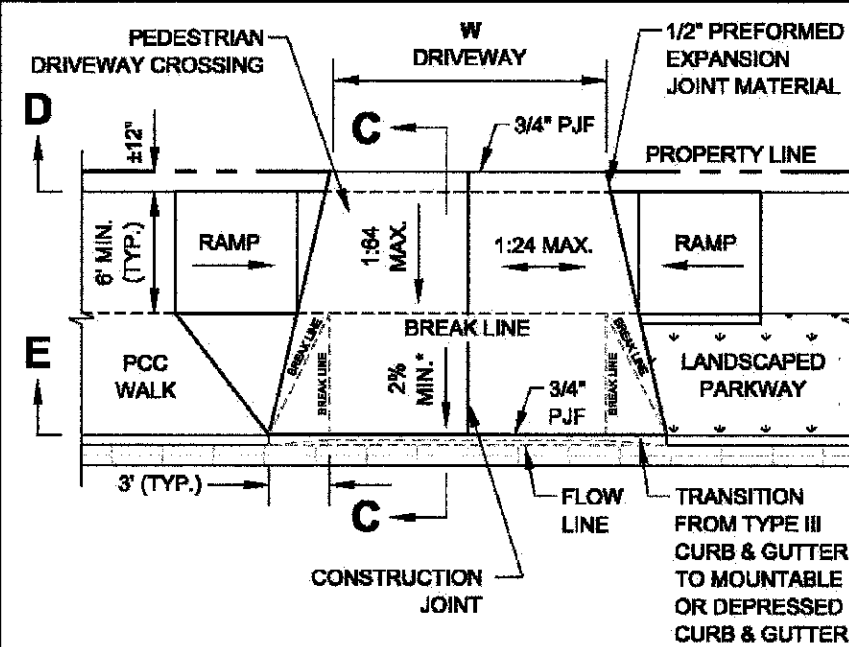
B. SAWS JOINTS SHALL BE SEALED WITH A POURED MATERIAL MEETING THE REQUIREMENTS OF SECTION 1050 OF THE SSRBC.

\* SLOPE VARIES AND IS NOT GOVERNED BY ADA

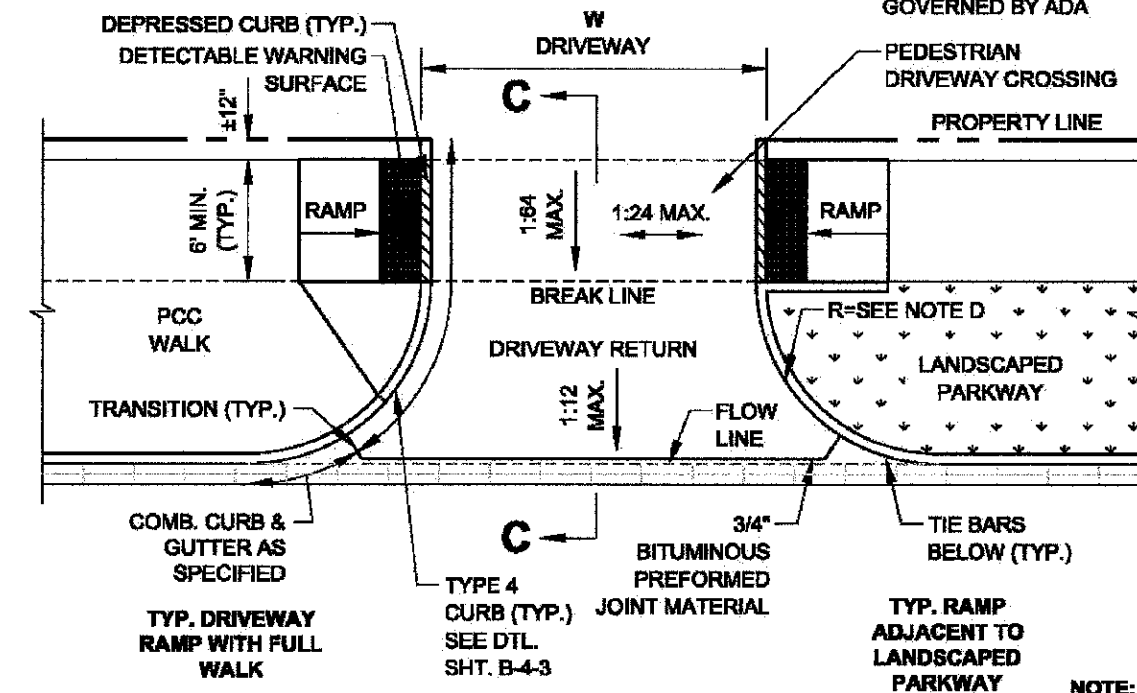
\*\* THE SLOPE OF THE ALLEY IN THE 1' SPACE ADJACENT TO THE PROPERTY LINE MAY BE ALTERED UP TO 10% TO MEET EXISTING CONDITIONS

**NOTE:**  
WORK THIS SHEET WITH SHEET B-2-1.

 City of Chicago Richard M. Daley, Mayor Department of Transportation Division of Engineering www.cityofchicago.org	DATE	REVISION	 CITY OF CHICAGO ALLEY RETURN SECTIONS SHEET B-2-2 SCALE: NOT TO SCALE DATE: 10/23/2008 DRAWN BY: CDOT CHECKED BY: LGM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	11/02/09	REVISION 4	



**OPTION A - DRIVEWAY WITH FLARES**



**OPTION B - COMMERCIAL AND RESIDENTIAL DRIVEWAY WITH CURB FOR USE WITH TRAFFIC SIGNALIZATION APPROVED BY CITY ORDINANCE**

 City of Chicago Richard M. Daley, Mayor Department of Transportation Division of Engineering www.cityofchicago.org	DATE	REVISION	 CITY OF CHICAGO DRIVEWAY CONSTRUCTION PLAN VIEWS SHEET B-2-3 SCALE: NOT TO SCALE DATE: 10/23/2008 DRAWN BY: CDOT CHECKED BY: LGM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	11/02/09	REVISION 4	

**ALLEY NOTES:**

A. DETECTABLE WARNING TILES ARE NOT REQUIRED AT NON-SIGNALIZED DRIVEWAYS.

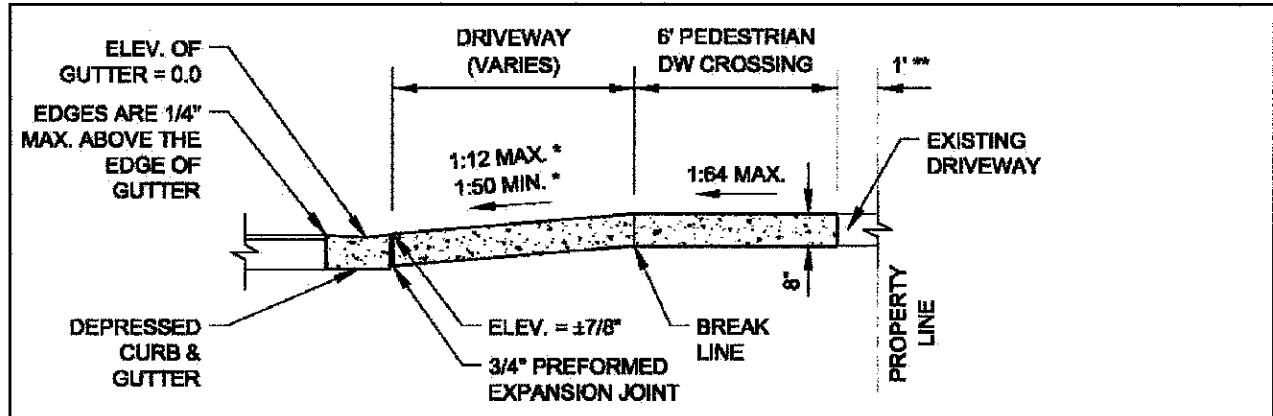
B. RAMP DETAILS ARE DEPENDENT UPON SITE SPECIFIC CONDITIONS (WHERE RAMPS ARE NECESSARY). SEE APPROPRIATE RAMP SHEET AS REQUIRED (TYP.).

C. SEE DETAIL B-2-5 FOR REDUCED WIDTH (4' MIN.) PEDESTRIAN ACCESSIBLE ROUTE ACROSS ALLEY / DRIVEWAY (TO ALLOW FOR ADDITIONAL SLOPE AT ALLEY / DRIVEWAY).

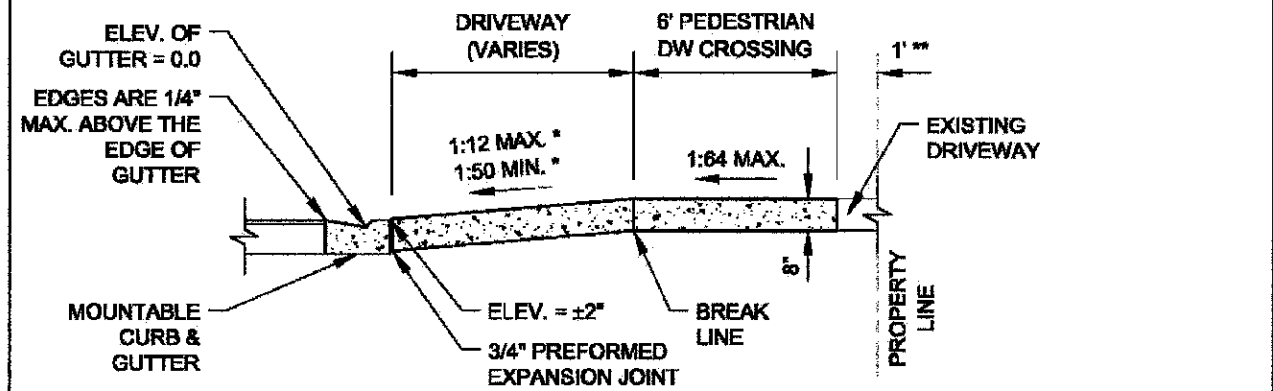
D. DEPENDENT UPON TYPE & VOLUME OF TRAFFIC.

\* SLOPE VARIES AND IS NOT GOVERNED BY ADA

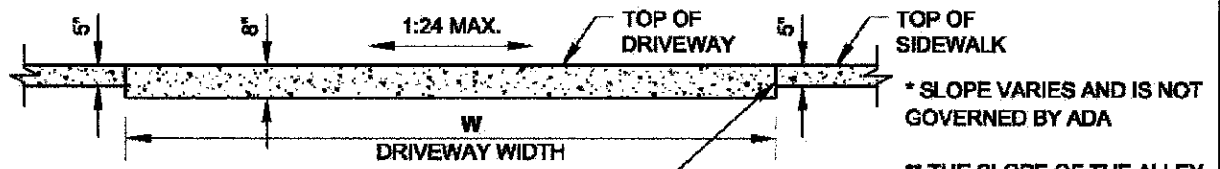
**NOTE:**  
WORK THIS SHEET WITH SHEET B-2-4.



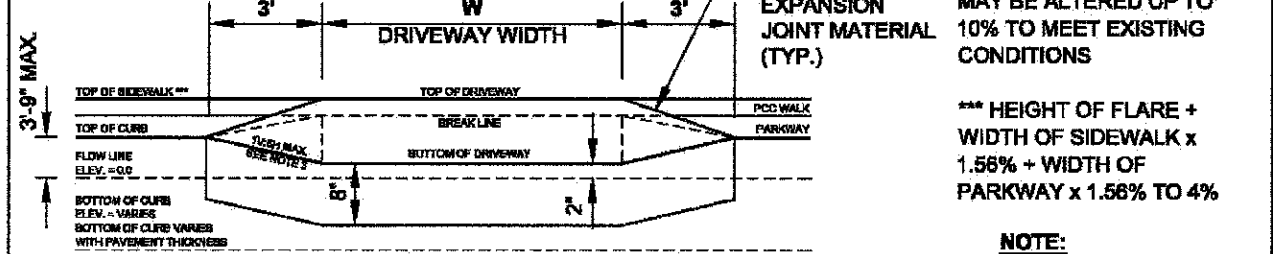
**SECTION C-C: SECTION SHOWING DEPRESSED CURB & GUTTER**



**SECTION C-C: SECTION SHOWING MOUNTABLE CURB & GUTTER**



**SECTION D-D**

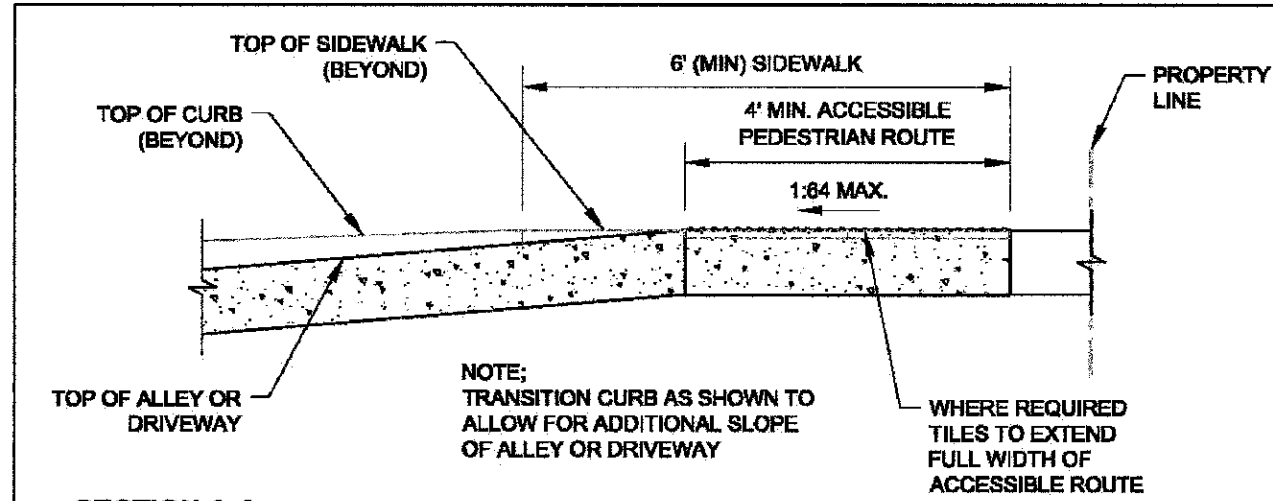


**SECTION E-E**

\* SLOPE VARIES AND IS NOT GOVERNED BY ADA  
 \*\* THE SLOPE OF THE ALLEY IN THE 1' SPACE ADJACENT TO THE PROPERTY LINE MAY BE ALTERED UP TO 10% TO MEET EXISTING CONDITIONS  
 \*\*\* HEIGHT OF FLARE + WIDTH OF SIDEWALK x 1.56% + WIDTH OF PARKWAY x 1.56% TO 4%

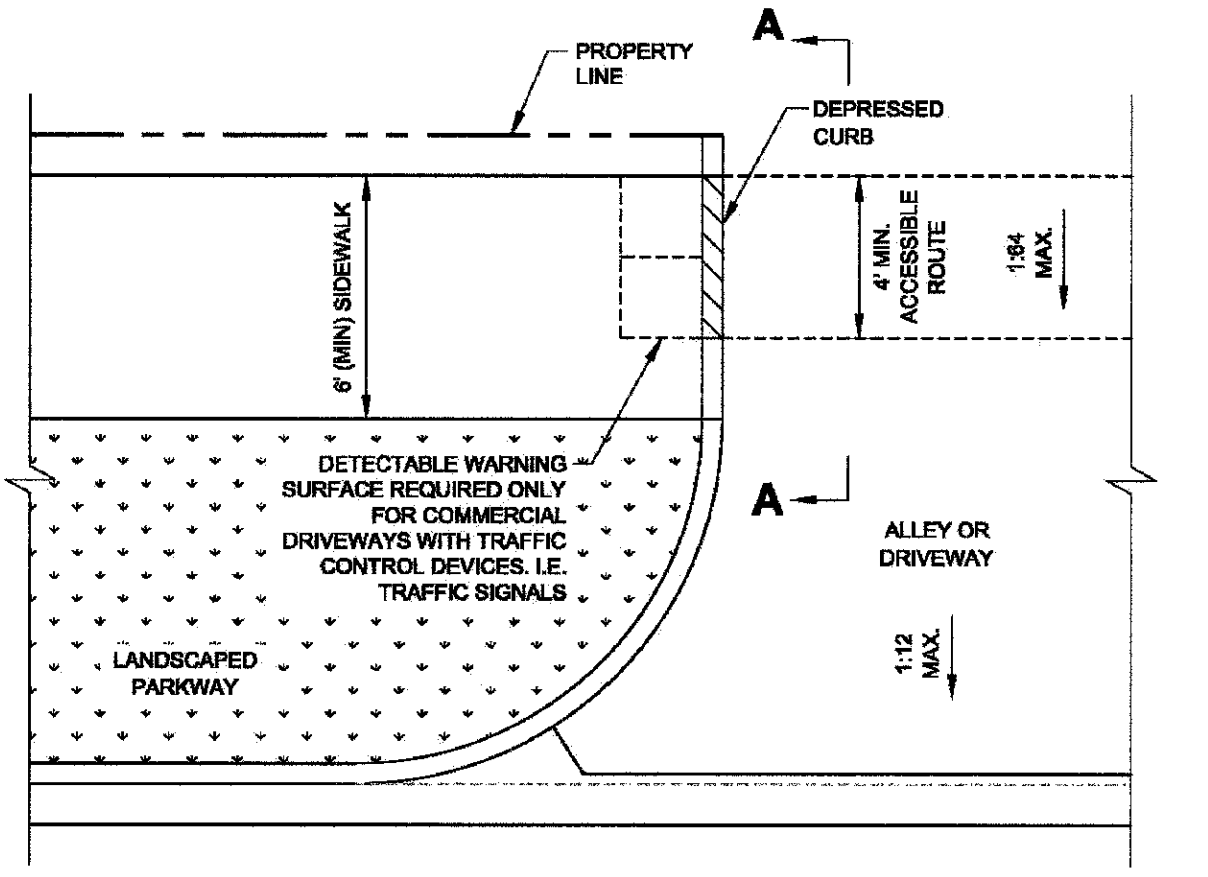
**NOTE:**  
 WORK THIS SHEET WITH SHEET B-2-3.

 City of Chicago Richard M. Daley, Mayor Department of Transportation Division of Engineering www.cityofchicago.org	DATE	REVISION	<b>CITY OF CHICAGO</b> <b>DRIVEWAY CONSTRUCTION SECTIONS</b> <b>SHEET B-2-4</b> SCALE: NOT TO SCALE DATE: 10/23/2008 DRAWN BY: CDOT CHECKED BY: LCM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	11/02/09	REVISION 4	



**SECTION A-A**

**NOTE:**  
 TRANSITION CURB AS SHOWN TO ALLOW FOR ADDITIONAL SLOPE OF ALLEY OR DRIVEWAY  
 WHERE REQUIRED TILES TO EXTEND FULL WIDTH OF ACCESSIBLE ROUTE

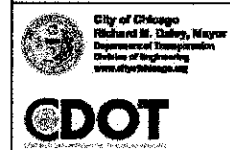


**PLAN VIEW**

 City of Chicago Richard M. Daley, Mayor Department of Transportation Division of Engineering www.cityofchicago.org	DATE	REVISION	<b>CITY OF CHICAGO</b> <b>ALLEY &amp; DRIVEWAY DETAIL FOR REDUCED WIDTH PEDESTRIAN ACCESS ROUTE</b> <b>SHEET B-2-5</b> SCALE: NOT TO SCALE DATE: 10/23/2008 DRAWN BY: CDOT CHECKED BY: LCM
	02/20/07	REVISION 1	
	11/15/07	REVISION 2	
	11/14/08	REVISION 3	
	11/02/09	REVISION 4	

**SLOPE CONVERSION CHART**

% SLOPE	SLOPE RATIO	INCHES PER FOOT	DECIMAL FEET PER FOOT
16.67%	1:6	2"	0.167'
10%	1:10	1 1/4"	0.104'
8.33%	1:12	1"	0.083'
7.14%	1:14	7/8"	0.073'
5%	1:20	5/8"	0.052'
4.17%	1:24	1/2"	0.042'
2%	1:50	1/4"	0.021'
1.56%	1:64	3/16"	0.016'



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4

**CITY OF CHICAGO  
CONVERSION CHARTS  
SHEET B-3-1**

SCALE: NOT TO SCALE  
DATE: 10/29/2008

DRAWN BY: CDOT  
CHECKED BY: LCM

FILE NAME =	DESIGNED -	REVISED -
...VAD\pripin\ABC ADA-dot-14.dwg	DRAWN -	REVISED -
USER NAME = tblank	CHECKED -	REVISED -
PLOT DATE = 7/2/2012	DATE - 7/2/2012	REVISED -



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ADA  
CONSTRUCTION DETAILS**

SCALE: NTS    SHEET NO. 7 OF 10 SHEETS    STA.    TO STA.

F.A.U. RTE. 2865	SECTION 10-85159-00-TL	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 29
CONTRACT NO. 63715				ILLINOIS FED. AID PROJECT

**GENERAL NOTES:**

1. THE DETECTABLE WARNING TILES INSTALLED SHALL BE CHOSEN FROM THE CHICAGO DEPARTMENT OF TRANSPORTATION LIST OF APPROVED DETECTABLE WARNING PRODUCTS (AVAILABLE ON THE CITY OF CHICAGO WEBSITE). IT IS NOT ACCEPTABLE TO INSTALL TWO DIFFERENT DETECTABLE WARNING PRODUCTS ADJACENT TO ONE ANOTHER AT ANY LOCATION. IN THE CENTRAL BUSINESS DISTRICT, GRANITE OR OTHER SPECIALTY PAVING MATERIALS MAY BE SUBMITTED TO THE COMMISSIONER FOR APPROVAL.
2. TILES MUST BE INSTALLED A MAXIMUM OF 8" OR LESS FROM FACE OF CURB (SEE DETAIL SHEET B-4-2).
3. TILES MUST COVER FULL WIDTH OF RAMP EXCLUDING SIDE FLARES FOR A MINIMUM UNOBSTRUCTED DEPTH OF 24". TILES LOCATED ON THE SURFACES OF RAMPS ARE TYPICALLY ORIENTED PERPENDICULAR TO THE RUN OF THE RAMP UNLESS SPECIAL CIRCUMSTANCES OCCUR (SEE DETAIL SHEET B-1-5). TILES MUST BE PROVIDED FOR A MINIMUM DEPTH OF 24" FOR THE ENTIRE LENGTH OF THE SIDEWALK WHERE THE SIDEWALK IS FLUSH WITH THE STREET (DEPRESSED CURB OR FLUSH TRANSITION). IF IT IS NECESSARY TO CUT TILE(S) IN THE PROVISION OF A COMPLIANT RAMP OR SIDEWALK WITH 24" MINIMUM DEPTH OF DETECTABLE WARNING, THE TILES SHALL BE CUT IN A NEAT AND WORKMAN LIKE MANNER PER MANUFACTURER'S REQUIREMENTS WITH A MINIMUM OF THREE PINS OR ANCHOR POINTS (WHERE APPLICABLE). THE TILES SHALL BE ARRANGED SO THAT THE CUT TILES ARE LARGE ENOUGH TO BE PROPERLY AND ADEQUATELY SECURED. CUT TILES SHALL NOT BE USED UNLESS ALL OTHER DESIGN OPTIONS HAVE BEEN EXHAUSTED. THE USE OF SALVAGE PIECES FROM TILES THAT ARE CUT WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE COMMISSIONER. CUT TILE SALVAGE PIECES NOT APPROVED FOR USE MUST BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.
4. WHERE APPLICABLE, A COMBINATION OF STRAIGHT AND RADIAL TILES MAY BE USED ON COMPOUND AND LARGE RADII. CONTRACTOR MUST MAKE THIS DETERMINATION AND VERIFY IN FIELD.
5. TILES MUST CONTRAST WITH ADJACENT PAVEMENT. IF LIGHT COLORED PAVEMENT IS USED THE TILE COLOR SHALL BE RED. IF A DARK COLORED PAVEMENT IS USED THE TILE COLOR SHALL BE YELLOW. CONTRACTOR TO VERIFY THAT PROPER CONTRAST IS OBTAINED.
6. PRIOR TO PLACING CONCRETE FOR DEPRESSED CURBS, RAMPS, OR SIDEWALKS THE CONTRACTOR SHALL VERIFY THAT LAYOUT OR DESIGN COMPLIES WITH THE REQUIREMENTS OF THE CDOT ADA STANDARDS.
7. RAMP WIDTH MUST BE A MINIMUM OF 6'-0" AND IN INCREMENTS OF 1'-0", EXCEPT WHEN USING THE PERPENDICULAR RAMP AT CORNER (OR OTHER SPECIAL CDOT APPROVED CONDITIONS), WHICH HAS A MINIMUM WIDTH OF 4'-0".
8. THE MAXIMUM ALLOWABLE RAMP RUNNING SLOPE IS 1:14, MEASURED AT ANY PORTION OF THE RAMP. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED. GRADE BREAKS AT THE TOP AND BOTTOM OF RAMPS SHALL BE PERPENDICULAR TO THE DIRECTION OF RAMP RUN.
9. THE MAXIMUM ALLOWABLE RAMP CROSS SLOPE IS 1:64, MEASURED AT ANY PORTION OF THE RAMP. IF POSSIBLE, A MORE GRADUAL SLOPE SHALL BE USED.
10. THE MAXIMUM ALLOWABLE RAMP LANDING SLOPE IS 1:64, MEASURED AT ANY LOCATION AND IN ANY DIRECTION ON THE LANDING. THE RAMP LANDING WIDTH SHALL MATCH THE FULL WIDTH OF THE RAMP FOR A MINIMUM UNOBSTRUCTED DEPTH OF 4'-0". RAMP LANDINGS SHALL BE PROVIDED AT THE TOP AND/OR BOTTOM OF RAMPS WHERE TURNING IS REQUIRED.
11. RAMP SIDE FLARES SHALL BE INSTALLED AT ANY LOCATION WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS INTENDED FOR PEDESTRIAN USE. TRIPPING HAZARDS, INCLUDING STEPS, DROP-OFFS, OR CURBS SHALL NOT BE LOCATED WITHIN THE LIMITS OF THE SIDEWALK.
12. UTILITIES, SUCH AS LIGHT POLES, TRAFFIC POLES AND HYDRANTS, MAY BE LOCATED IN THE FLARE OF THE RAMP BUT ARE NOT ALLOWED ON THE RAMP SURFACE OR LANDING AREAS.
13. ALL LOCATIONS WITH TYPE 4 OR TYPE B CURB (EXCEPT ALLEY APRONS) SHALL BE CONSTRUCTED AS CURB AND GUTTER TYPE BV.12 THROUGH THE LIMITS OF THE CORNER AND THE CURB RAMPS.



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4

CITY OF CHICAGO  
GENERAL NOTES  
SHEET B-3-2

SCALE: NOT TO SCALE  
DATE: 10/23/2009

DRAWN BY: CDOT  
CHECKED BY: LCM

**GENERAL NOTES (CONTINUED):**

14. ALTERATIONS SHALL NOT DECREASE THE ACCESSIBILITY TO EXISTING FACILITIES, SIDEWALKS LEADING TO EXISTING FACILITIES OR DOOR OR GATE ACCESS POINTS TO FACILITIES. THE ELEVATION AT THE EXISTING PROPERTY LINE OR FACILITY ACCESS POINT SHALL BE MAINTAINED AT A MINIMUM. ANY ALTERATIONS ADJACENT TO OR AFFECTING A FACILITY ACCESS POINT SHALL RESULT IN IMPROVED ACCESS OR AT A MINIMUM A REPLICATION OF EXISTING CONDITIONS, INCLUDING SIDEWALK SLOPES AND SURFACE CONDITIONS. FACILITIES INCLUDE, BUT ARE NOT LIMITED TO PRIVATE BUSINESSES, PUBLIC BUILDINGS, RESIDENCES, BUS STOPS, PUBLIC BENCHES, PAY PHONES, AND PARKING METERS.
15. THE MINIMUM CROSSWALK WIDTH IS 6'-0". CROSSWALKS SHALL BE LOCATED AS SHOWN IN THE PLAN SHEETS DEPENDING ON THE TYPE OF CURB RAMP USED. BEYOND THE CURB FACE AT THE BASE OF CURB RAMPS, A CLEAR SPACE OF 4'-0" BY 4'-0" MINIMUM SHALL BE PROVIDED WITHIN THE STRIPES OF THE CROSSWALK (WHERE PROVIDED).
16. IF SIDEWALK AND ALLEY ARE AT THE SAME GRADE, A RAMP IS NOT REQUIRED. IF SIDEWALK AND DRIVEWAY ARE AT THE SAME GRADE, A RAMP IS NOT REQUIRED BUT DETECTABLE WARNING TILES ARE STILL REQUIRED IF THE DRIVEWAY HAS TRAFFIC CONTROL DEVICES (I.E. TRAFFIC SIGNALS).
17. MAIN LINE SIDEWALK SHALL HAVE A MAXIMUM CROSS SLOPE NOT TO EXCEED 1:64 FOR THE FULL WIDTH OF WALK UNLESS OTHERWISE APPROVED BY THE COMMISSIONER. WHERE TURNING IS REQUIRED AND WHERE SIDEWALKS INTERSECT, THE SLOPE OF THE SIDEWALK SHALL NOT EXCEED 1:64 IN ANY DIRECTION.
18. MAIN LINE SIDEWALK RUNNING SLOPES SHALL NOT EXCEED 1:24 OR THE GENERAL GRADE ESTABLISHED FOR THE ADJACENT STREET, WHICH EVER IS HIGHER.
19. THERE SHALL BE NO VERTICAL LEVEL DIFFERENCES BETWEEN SURFACES GREATER THAN 1/4" ON THE MAIN LINE SIDEWALK. THERE SHALL BE NO HORIZONTAL GAPS OR OPENINGS GREATER THAN 1/2" ON THE MAIN LINE SIDEWALK.
20. WHERE OBSTRUCTIONS EXIST ON THE MAINLINE SIDEWALK, THE CLEAR WIDTH OF USEABLE SIDEWALK SHALL NOT BE LESS THAN 4'-0". OBSTRUCTIONS INCLUDE, BUT ARE NOT LIMITED TO SIDEWALK BENCHES, FIRE HYDRANTS, SIGNAL OR LIGHT POLES, NEWSPAPER DISPENSERS, TRASH RECEPTACLES, AND UTILITY PEDESTALS.
21. CURB RAMPS AND LANDING (KEYSTONE) TO BE CONSTRUCTED WITH 8" THICK CONCRETE AT ALL TRAFFIC SIGNALIZED INTERSECTIONS AND INDUSTRIAL STREET INTERSECTIONS. AT ALL OTHER LOCATIONS, 5" THICK CONCRETE TO BE USED.
22. NO DEVIATIONS FROM THESE STANDARDS ARE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE COMMISSIONER.
23. DEPRESSED CURB, RAMP, OR SIDEWALK DESIGNS OR LAYOUTS SHALL MAINTAIN OR IMPROVE EXISTING DRAINAGE AND THE EXISTING INTERSECTION GEOMETRY SHALL NOT BE MODIFIED WITHOUT CDOT APPROVAL.
24. ALL CONSTRUCTION DOCUMENTS MUST BE STAMPED BY A LICENSED ARCHITECT/LANDSCAPE ARCHITECT/ENGINEER TO CERTIFY THAT THEY ARE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND ALL CODES AND BUILDING ORDINANCES OF THE CITY OF CHICAGO AND STATE OF ILLINOIS.



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4

CITY OF CHICAGO  
GENERAL NOTES (CONTINUED)  
SHEET B-3-3

SCALE: NOT TO SCALE  
DATE: 10/23/2009

DRAWN BY: CDOT  
CHECKED BY: LCM

FILE NAME = ... \ADA\pp\in\ABC-ADA-cwt-15.dgn	DESIGNED -	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA CONSTRUCTION DETAILS	F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
USER NAME = tblank	DRAWN -	REVISED -				2865	10-B5159-00-TL	COOK	62	30
PLOT DATE = 7/2/2012	CHECKED -	REVISED -				CONTRACT NO. 63715				
DATE = 7/2/2012	REVISOR -	DATE -				ILLINOIS FED. AID PROJECT				

**ADA COMPLIANCE AND TRANSITION GUIDELINES**

POLICY STATEMENT: ANY ALTERATION OF THE PUBLIC WAY MUST BE RESTORED IN AN ADA COMPLIANT MANNER

**I. STREET RESURFACING / RECONSTRUCTION \***

FOR ANY RESURFACING/RECONSTRUCTION PROJECT WHERE, WITHIN THE PROJECT LIMITS, A CROSSWALK IS ENCOUNTERED OR WHERE THE PROJECT LIMITS TERMINATE WITHIN 4' OR LESS OF A CROSSWALK, THOSE CROSSWALKS AND THE ASSOCIATED CURB RAMP MUST BE IMPROVED TO CURRENT ADA STANDARDS. WHERE RESURFACING/RECONSTRUCTION ENCOUNTERS LESS THAN 1/4 POINT OF THE STREET SURFACE (LONGITUDINAL CUT), IT IS ACCEPTABLE PRACTICE TO EXCLUDE IMPROVEMENTS TO THE ASSOCIATED CROSSWALKS AND CURB RAMP.

WHEN A PROJECT SCOPE OF WORK CALLS FOR ONLY AN INTERSECTION TO BE REPAVED, THE INTERSECTION LIMITS AS DEFINED BY THE AREA OUTLINED BY OUTERMOST CROSSWALK LINES AND ADJACENT CURB FACES AND ALL ADJOINING CROSSWALKS AND CURB RAMP MUST BE IMPROVED TO CURRENT ADA STANDARDS.

WHEN A PROJECT SCOPE OF WORK IS LIMITED TO A SINGLE CORNER OF AN INTERSECTION, THE CURB RAMP MUST BE IMPROVED TO CURRENT ADA STANDARDS AND THE ADJACENT PAVEMENT MUST BE RESURFACED, AS NECESSARY TO PROVIDE FOR A FLUSH TRANSITION.

FOR ANY RESURFACING / RECONSTRUCTION PROJECT WHERE, WITHIN THE PROJECT LIMITS, AN ALLEY APRON IS ENCOUNTERED, THE ASSOCIATED CURB RAMP, ALLEY APRON, AND SIDEWALKS MUST BE IMPROVED TO CURRENT ADA STANDARDS.

**II. SIDEWALK INSTALLATION / REPAIRS / RECONSTRUCTION**

THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN TEN FEET (10') IN LENGTH, THAT ABUT AN EXISTING RAMP LOCATION (INCLUDING THE FOUR FOOT (4') LANDING AREA AND/OR THE "KEYSTONE"), SHALL BE EXTENDED TO INCLUDE THE AFFECTED RAMP AND THESE RAMP SHALL BE RECONSTRUCTED TO CURRENT ADA STANDARDS. IN ADDITION, ALL NEWLY PLACED SIDEWALK TEN FEET (10') OR MORE IN LENGTH SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL CURRENT APPLICABLE STANDARDS WHICH INCLUDE PROVIDING A MINIMUM FOUR FEET (4') WIDTH ACCESSIBLE PATHWAY WITH A CROSS SLOPE NOT TO EXCEED 1:84.

**III. GUIDELINES FOR TRANSITIONING TO EXISTING NON-COMPLIANT CONDITION**

**NEW SIDEWALK PLACEMENTS GREATER THAN TEN FEET IN CONTIGUOUS LENGTH:**  
THE LIMITS OF ANY MAINLINE SIDEWALK REPLACEMENT, GREATER THAN TEN FEET (10') IN LENGTH, MUST BE EXTENDED FOR A MINIMUM FIVE ADDITIONAL FEET (5') EITHER SIDE IN ORDER TO PROVIDE A REASONABLE TRANSITION TO MATCH THE EXISTING SIDEWALK. THE LENGTH OF TRANSITION SHALL BE LENGTHENED AS NECESSARY TO ENSURE THAT THE RUNNING SLOPE OF THE TRANSITION DOES NOT EXCEED A SLOPE OF 1:24 (PREFERRED) OR 1:14 (MAXIMUM) AT ANY POINT.

**NEW SIDEWALK REPLACEMENTS TEN FEET OR LESS IN CONTIGUOUS LENGTH (REPAIRS):**  
IT IS ACCEPTABLE PRACTICE TO MATCH ADJACENT SIDEWALKS AT THE EXISTING SLOPE.

**CURB RAMP REPLACEMENTS:**  
SIDEWALK REPLACEMENT BEYOND THE LIMITS OF THE LANDING AREA AND/OR THE "KEYSTONE" MUST BE EXTENDED A MINIMUM OF AN ADDITIONAL FIVE FEET (5') EITHER SIDE IN ORDER TO PROVIDE A REASONABLE TRANSITION TO MATCH THE EXISTING SIDEWALK. THE TRANSITION SHALL BE LENGTHENED AS NECESSARY TO ENSURE THAT THE RUNNING SLOPE OF THE TRANSITION DOES NOT EXCEED A SLOPE OF 1:24 (PREFERRED) OR 1:14 (MAXIMUM) AT ANY POINT.

NO EXCEPTIONS TO THE ABOVE WILL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE COMMISSIONER.

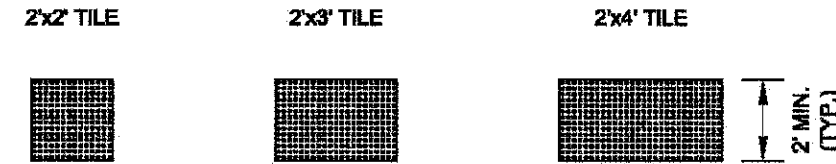
\* THE REQUIREMENTS OF SECTION I. SHALL APPLY ONLY TO CITY AGENCIES



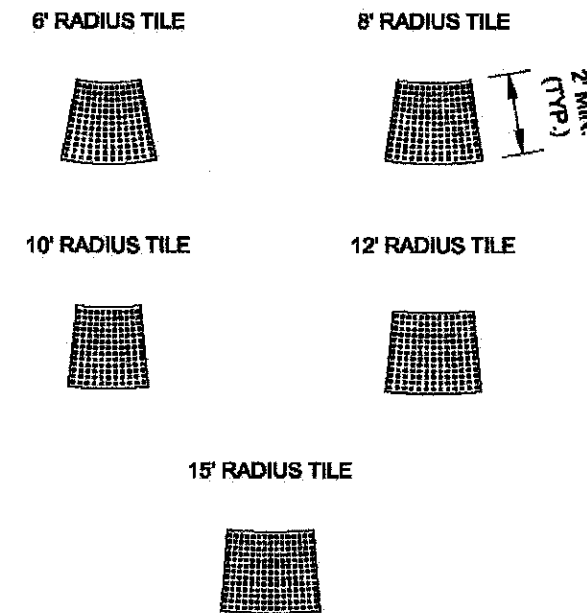
DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4

CITY OF CHICAGO  
ADA COMPLIANCE AND TRANSITION GUIDELINES  
**SHEET B-3-4**  
SCALE: NOT TO SCALE  
DATE: 10/23/2009  
DRAWN BY: CDOT  
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**STRAIGHT TILES**



**RADIAL TILES**



**DETECTABLE WARNING TILE SIZES**

- VERIFY ALL DIMENSIONS WITH TILE MANUFACTURER.
- IF USING RADIAL TILES, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE TILE RADI WITH THE TILE MANUFACTURER.
- APPROVED LIST OF DETECTABLE WARNING TILE PRODUCTS CAN BE FOUND ON CDOT'S WEBSITE ([www.cityofchicago.org](http://www.cityofchicago.org)).



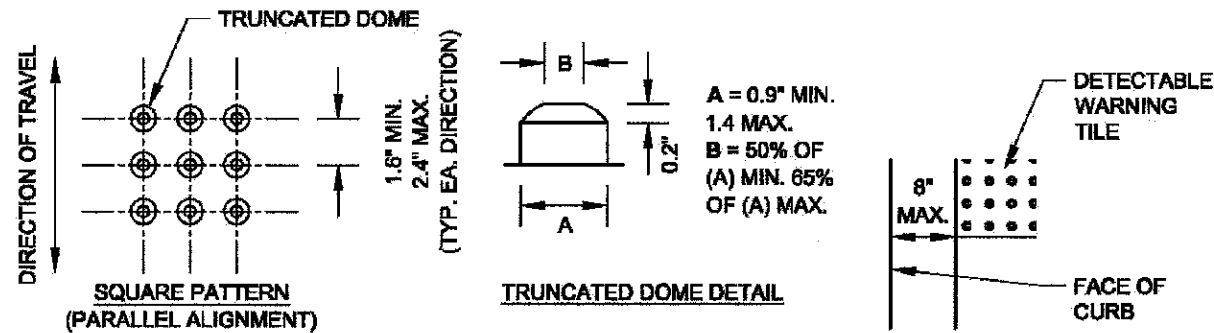
DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4

CITY OF CHICAGO  
DETECTABLE WARNING TILE SIZES  
**SHEET B-4-1**  
SCALE: NOT TO SCALE  
DATE: 10/23/2009  
DRAWN BY: CDOT  
CHECKED BY: LCM



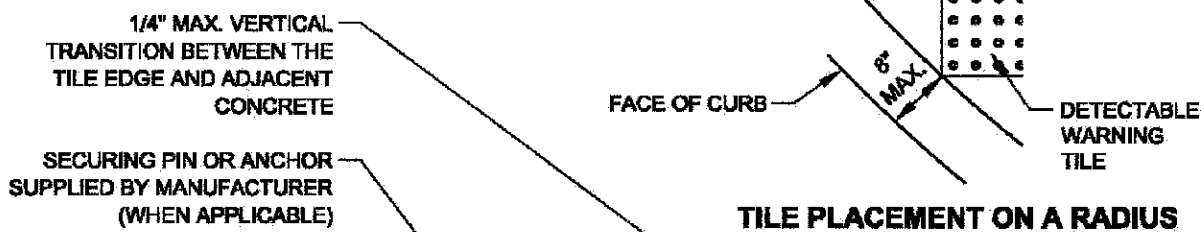
**GENERAL NOTE:**

THE ROWS OF DOMES IN THE DETECTABLE WARNING MATERIAL MUST BE ALIGNED WITH THE PATH OF WHEELCHAIR TRAVEL WHICH IS REQUIRED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO PERMIT TRACKING BETWEEN DOME ROWS. ON BLENDED TRANSITIONS OR FLUSH TRANSITIONS, WHERE RADIAL TILES ARE SITUATED ABOUT THE CURB RADIUS, DOME ORIENTATION IS NOT SIGNIFICANT.

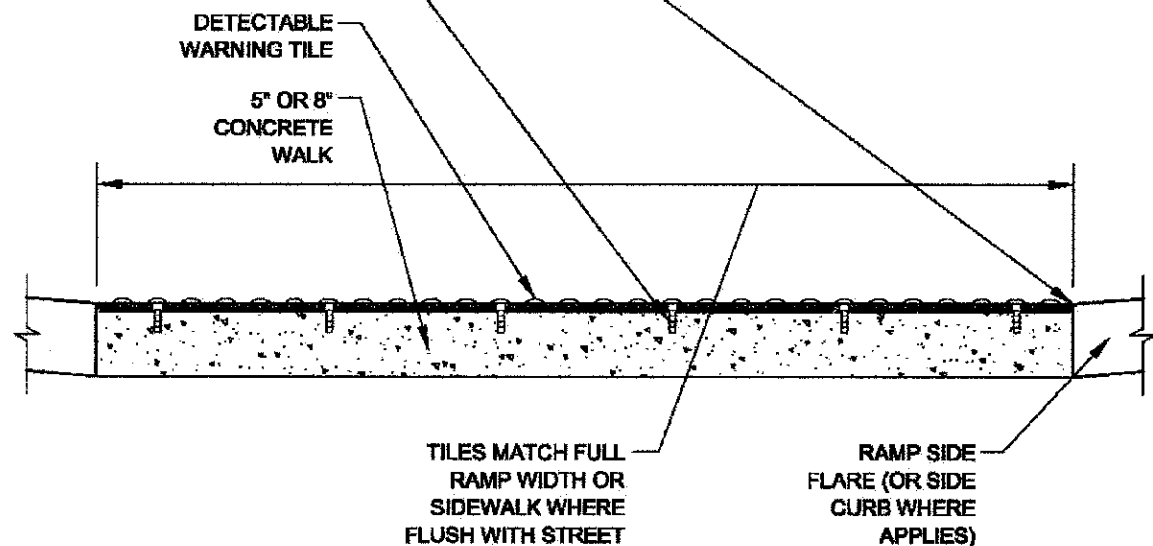


**TILE PATTERN & DOME DETAIL**

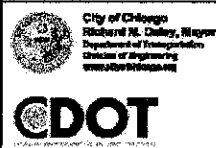
**TYPICAL TILE PLACEMENT**



**TILE PLACEMENT ON A RADIUS**



**DETECTABLE WARNING TILE SECTION**

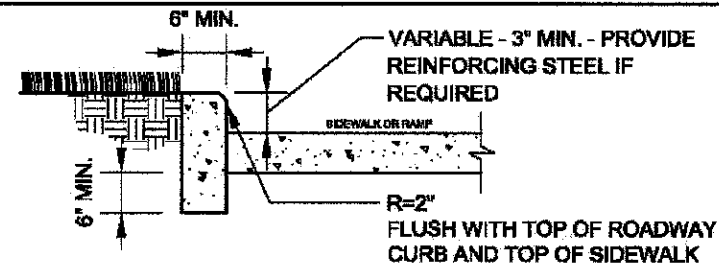


DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4

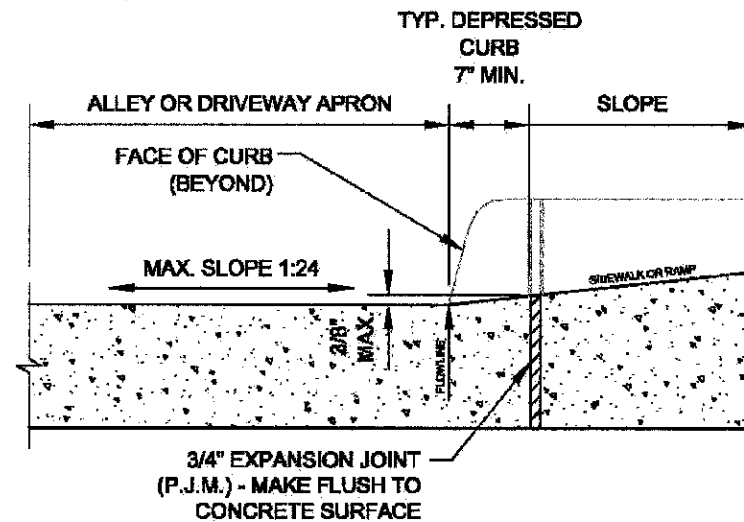
CITY OF CHICAGO  
DETECTABLE WARNING TILE DETAILS  
**SHEET B-4-2**

SCALE: NOT TO SCALE  
DATE: 10/23/2008

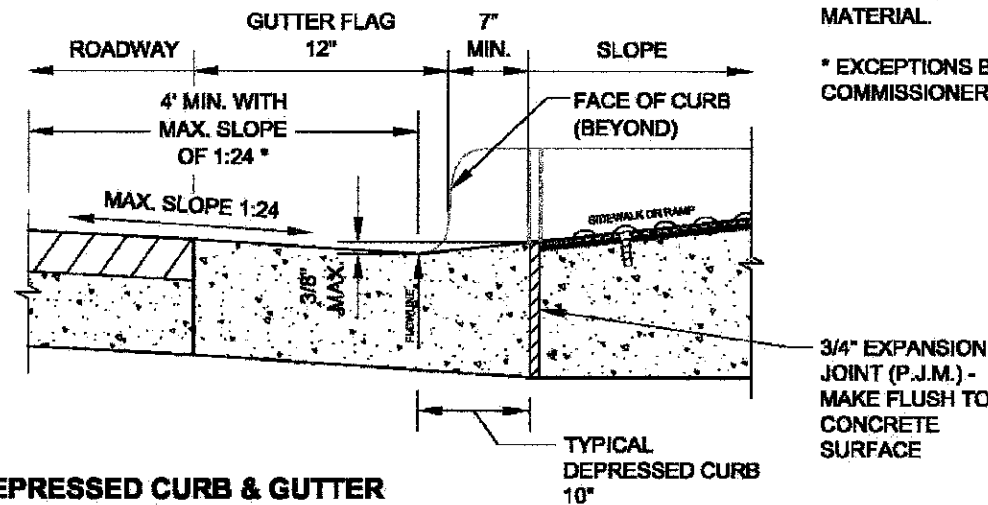
DRAWN BY: CDOT  
CHECKED BY: LCM



**SIDE CURB - SECTION**



**DEPRESSED CURB & GUTTER AT ALLEY/DRIVEWAY APRON (TYPE 4 OR B CURB)**



**DEPRESSED CURB & GUTTER AT BOTTOM OF TYPICAL CURB RAMP**



DATE	REVISION
02/20/07	REVISION 1
11/15/07	REVISION 2
11/14/08	REVISION 3
11/02/09	REVISION 4

CITY OF CHICAGO  
CURB & GUTTER DETAILS  
**SHEET B-4-3**

SCALE: NOT TO SCALE  
DATE: 10/23/2008

DRAWN BY: CDOT  
CHECKED BY: LCM

**NOTES FOR CURB & GUTTER DETAILS THIS SHEET:**

- A. CROSS SLOPE AT DEPRESSED CURB & GUTTER NOT TO EXCEED 1:84.
- B. DETECTABLE WARNING SURFACE AT DRIVEWAYS REQUIRED ONLY FOR COMMERCIAL DRIVEWAYS WITH TRAFFIC CONTROL DEVICES, I.E. SIGNALS.
- C. REFER TO REGULATIONS FOR OPENINGS, CONSTRUCTION AND REPAIR IN THE PUBLIC WAY (CDOT) FOR ADDITIONAL REQUIREMENTS FOR CURB AND GUTTER INSTALLATION.
- D. RAMP SIDE FLARES SHALL BE INSTALLED AT ANY LOCATION WHERE THE SURFACE ADJACENT TO THE RAMP SURFACE IS INTENDED FOR PEDESTRIAN USE. TRIPPING HAZARDS, INCLUDING STEPS, DROP-OFFS, OR SIDE CURBS SHALL NOT BE LOCATED WITHIN THE LIMITS OF THE SIDEWALK.
- E. 'P.J.M.' THIS SHEET REFERS TO PREFORMED JOINT MATERIAL.

\* EXCEPTIONS BY COMMISSIONER

FILE NAME	DESIGNED	REVISED
... \VAD\ppp\in\ABC-ADA-det-17.dgn	DRAWN	REVISED
USER NAME = tbi/enk	CHECKED	REVISED
PLDT DATE = 7/2/2012	DATE = 7/2/2012	REVISED

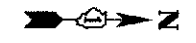


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ADA  
CONSTRUCTION DETAILS  
SCALE: NTS SHEET NO. 10 OF 10 SHEETS STA. TO STA.

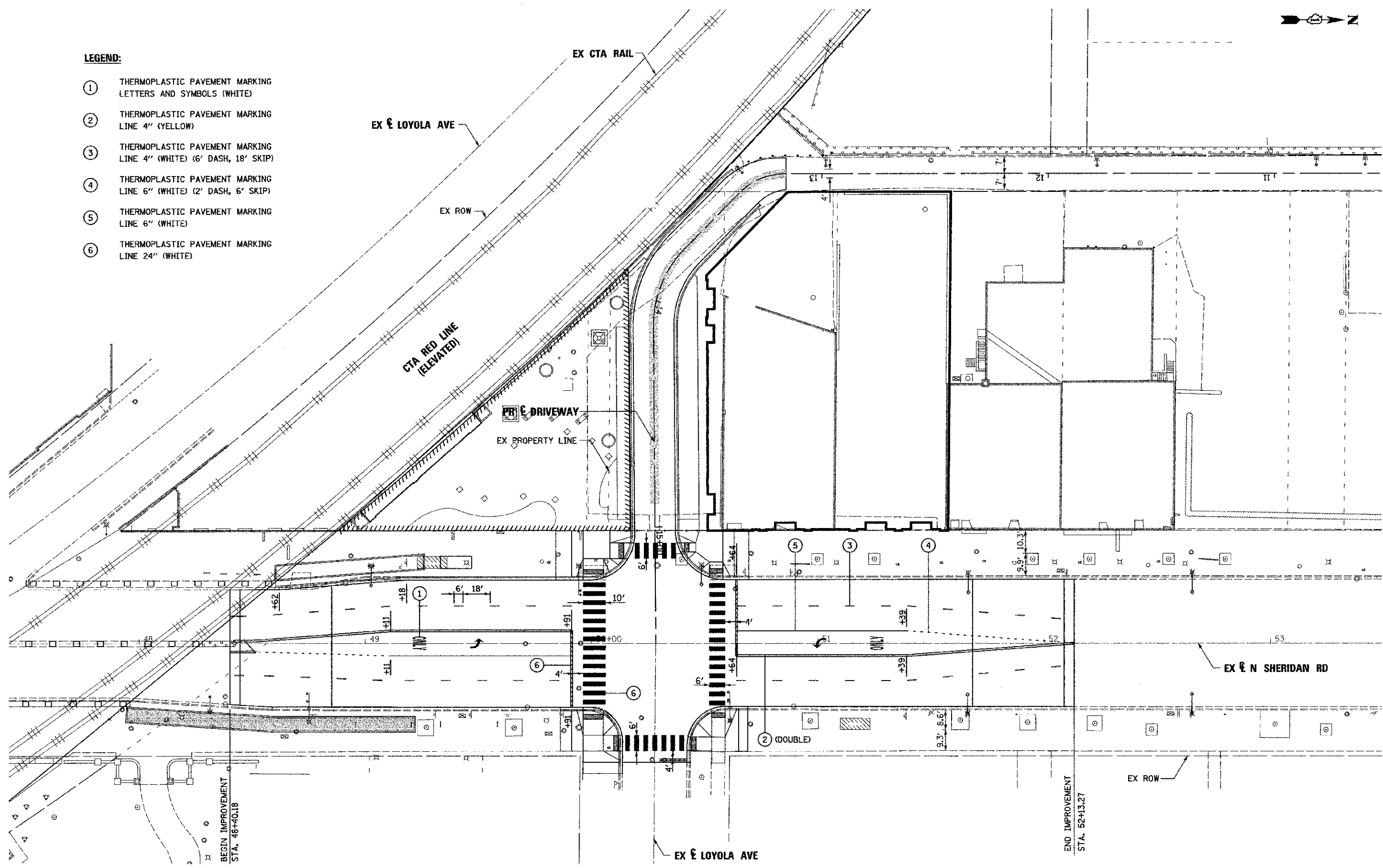
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	32
CONTRACT NO. 63715				

ILLINOIS FED. AID PROJECT



**LEGEND:**

- ① THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS (WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING LINE 4" (YELLOW)
- ③ THERMOPLASTIC PAVEMENT MARKING LINE 4" (WHITE) (6' DASH, 18' SKIP)
- ④ THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE) (2' DASH, 6' SKIP)
- ⑤ THERMOPLASTIC PAVEMENT MARKING LINE 6" (WHITE)
- ⑥ THERMOPLASTIC PAVEMENT MARKING LINE 24" (WHITE)



BEGIN IMPROVEMENT  
STA. 46+40.18

END IMPROVEMENT  
STA. 52+13.27

FILE NAME =	DESIGNED - AAF	REVISED -
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USER NAME = tblank	CHECKED - JMM	REVISED -
PLDT DATE = 7/2/2012	DATE - 7/2/2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING  
AND SIGNING PLAN**

SCALE: 1"=20' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	33
CONTRACT NO. 63715				
ILLINOIS FED. AID PROJECT				

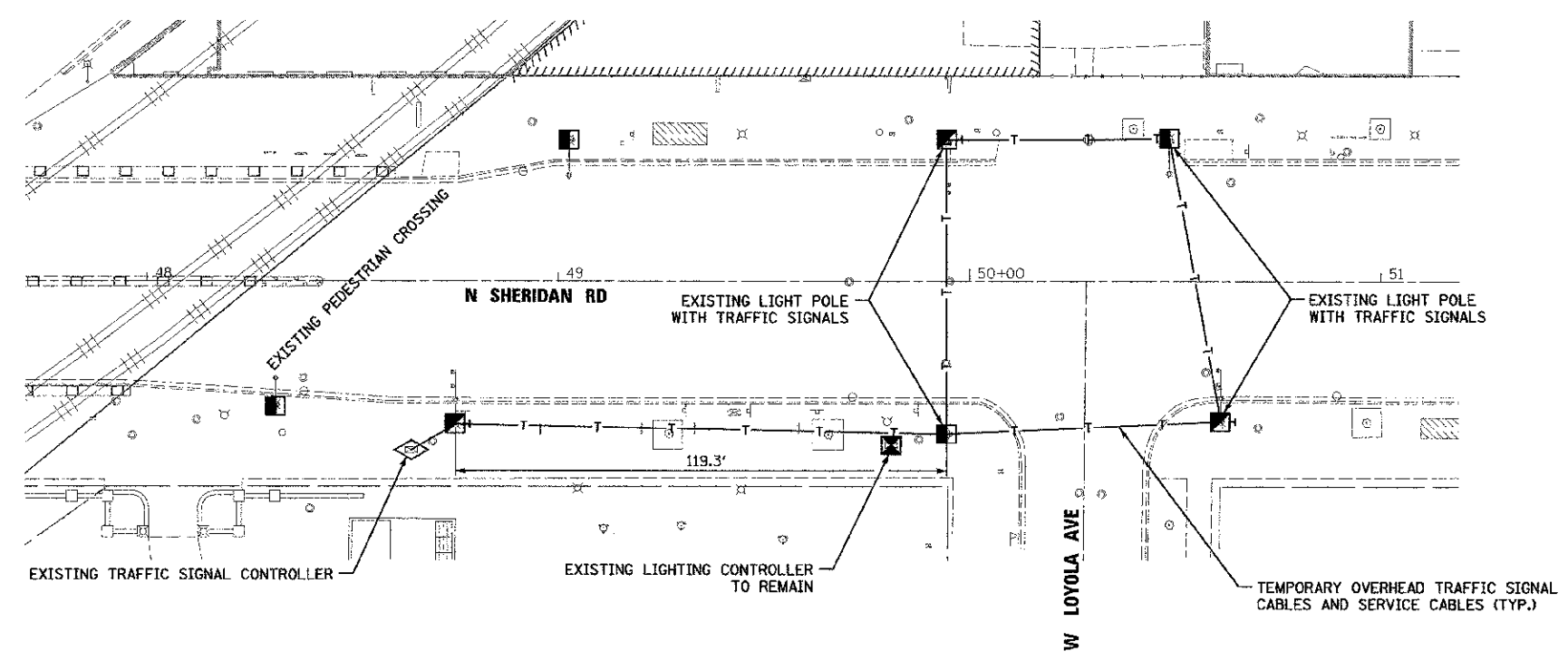
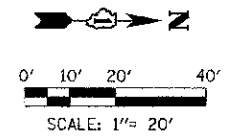
**SCHEDULE OF TRAFFIC SIGNAL REMOVAL ITEMS**

ITEM	UNIT	SHERIDAN ROAD AT LOYOLA AVENUE	SHERIDAN ROAD PEDESTRIAN CROSSING AT CTA STATION
SIGNAL HEAD, 3-SECTION*	EACH	9	9
PEDESTRIAN SIGNAL HEAD*	EACH	6	2
TRAFFIC SIGNAL POST*	EACH	1	0
LIGHT POLE*	EACH	4	3
TRAFFIC SIGNAL MAST ARM*	EACH	2	1
TRAFFIC SIGNAL CONTROLLER*	EACH	0	1

\* TRAFFIC CONTROL ITEMS TO BE REMOVED AND REMAIN THE PROPERTY OF THE CITY OF CHICAGO. CONTRACTOR SHALL DELIVER EQUIPMENT TO CITY OF CHICAGO YARD AT 4100 S. CORDERO AVE. AS DIRECTED BY THE ENGINEER

**SCHEDULE OF TRAFFIC SIGNAL ITEMS**

ITEM	UNIT	QUANTITY
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	L. SUM	1
MONUMENT FOUNDATION, TYPE A	EACH	2
FOUNDATION REMOVAL	SQ FT	364
TRENCH AND BACKFILL WITH SCREENINGS	FOOT	143
CONNECT TO EXISTING HANDHOLE VAULTS	EACH	6
CLEAN EXISTING MANHOLE/HANDHOLE (INCIDENTAL TO CONTRACT)	EACH	4
CONDUIT IN GROUND, 3" DIA., GALVANIZED STEEL	FOOT	143
ROD AND CLEAN DUCT IN EXISTING CONDUIT SYSTEM (INCIDENTAL TO CONTRACT)	FOOT	790
CONCRETE FOUNDATION FOR BASE MOUNTED "P" CABINET (PAID FOR AS CONCRETE FOUNDATION (SPECIAL))	EACH	1
CONCRETE FOUNDATION, 24"X9' WITH 1 1/4" A.R.	EACH	1
CONCRETE FOUNDATION, 30"X9' WITH 1 1/4" A.R.	EACH	2
CONCRETE FOUNDATION, 24" X 7' WITH 1 1/4" A.R.	EACH	2
POLE, STEEL, ANCHOR BASE, 10" D, 3 GAUGE, 34'-6"	EACH	1
POLE, STEEL, ANCHOR BASE, 11" D, 3 GAUGE, 34'-6"	EACH	2
POLE, STEEL, ANCHOR BASE, 10" D, 7 GAUGE, 34'-6"	EACH	2
ELECTRICAL CABLE IN CONDUIT, SIGNAL NO.4 2/C	FOOT	117
SIGNAL HEAD, POLYCARBONATE, LED, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 3-SECTION, MAST ARM MOUNTED	EACH	5
PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
MAST ARM, TRAFFIC, STEEL, MONOTUBE, 16 FOOT	EACH	1
MAST ARM, STEEL, MONOTUBE, 30 FOOT	EACH	2
ELECTRIC CABLE IN CONDUIT, #14 7/C	FOOT	615
ELECTRIC CABLE IN CONDUIT, #14 19/C	FOOT	679
CONTROLLER TRAFFIC, 12 LOAD BAY, "P" CABINET (PAID FOR CONTROLLER (SPECIAL))	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1

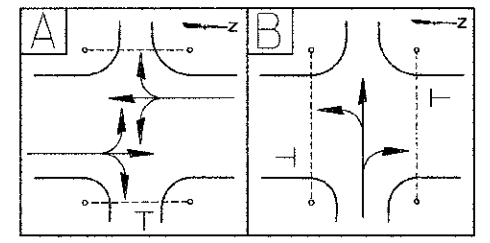
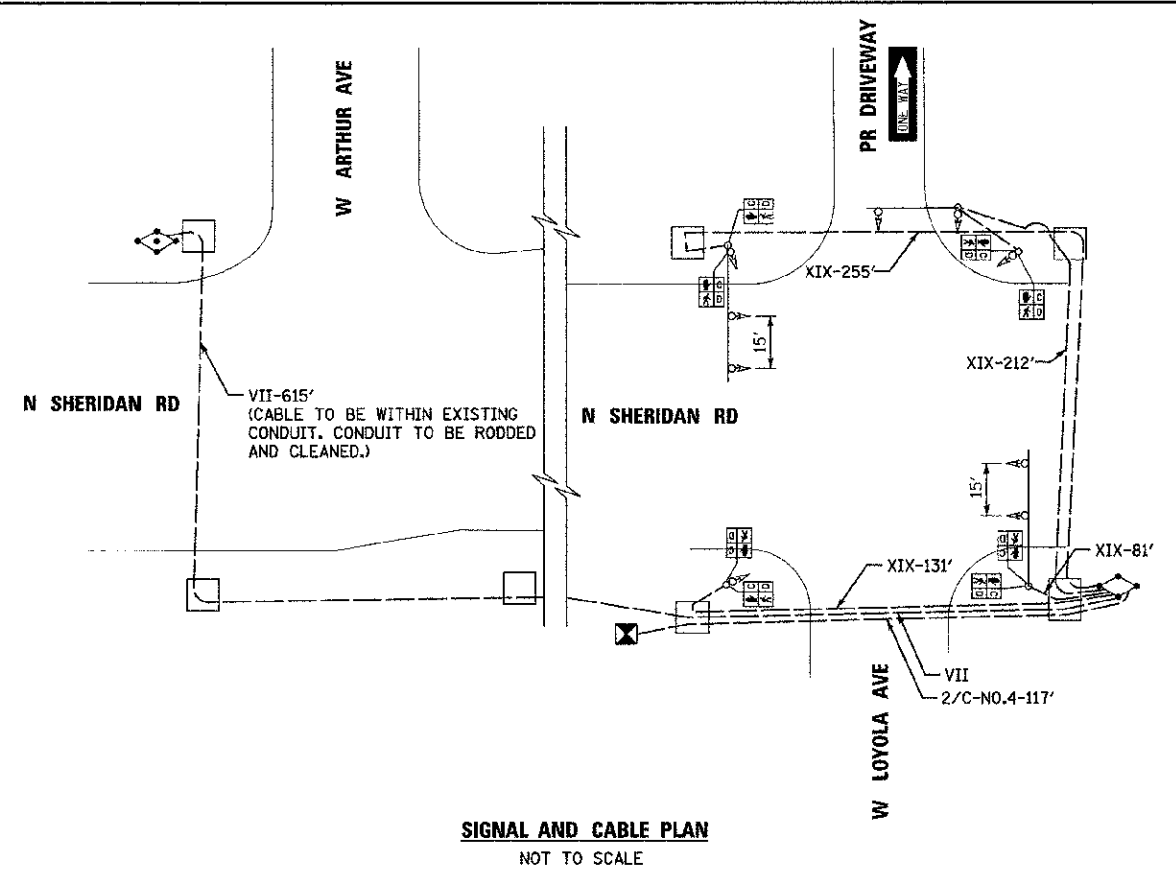
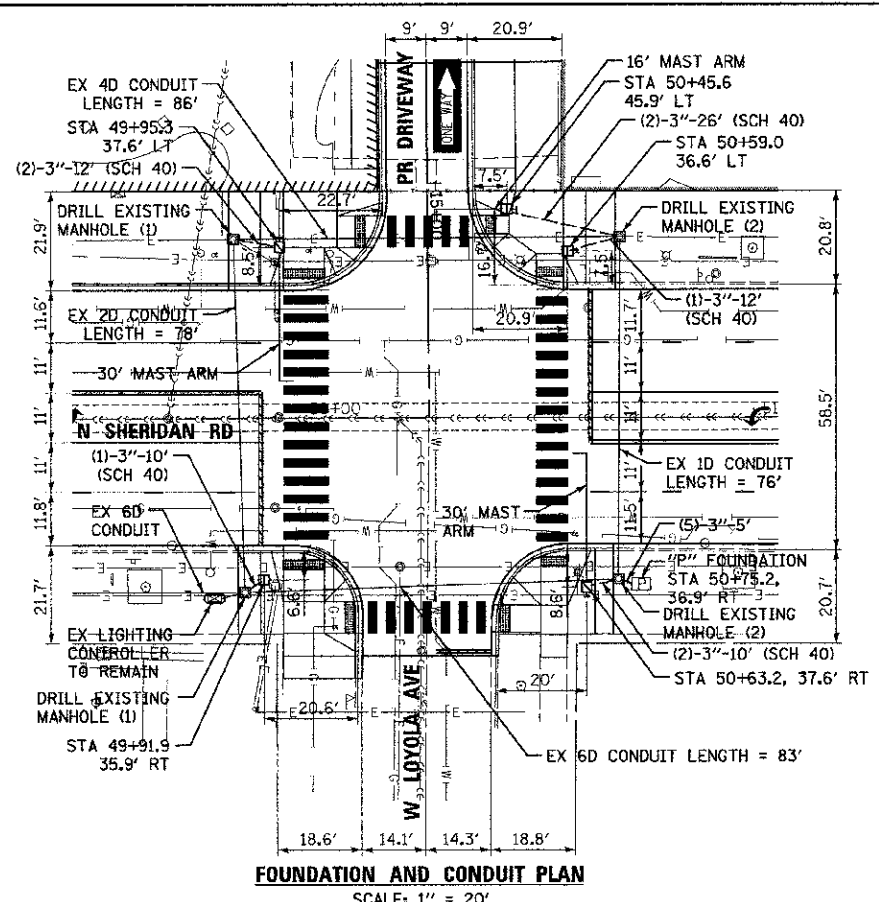


**TEMPORARY SIGNAL AND CABLE PLAN**  
SCALE: 1" = 20'

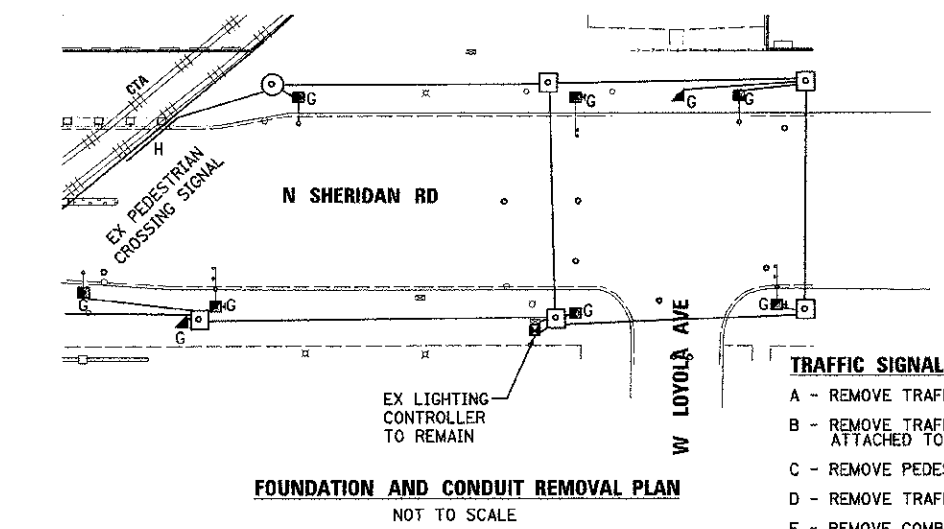
**NOTES:**

1. EXISTING TRAFFIC SIGNALS AT SHERIDAN ROAD AND LOYOLA AVENUE INTERSECTION TO BE MAINTAINED VIA TEMPORARY OVERHEAD CABLES UNTIL THE NEW TRAFFIC SIGNALS ARE OPERATIONAL.
2. EXISTING TRAFFIC AND PEDESTRIAN SIGNALS AT THE PEDESTRIAN CROSSING ADJACENT TO THE VIADUCT TO BE MAINTAINED AT ALL TIMES UNTIL AUTHORIZED BY THE ENGINEER.

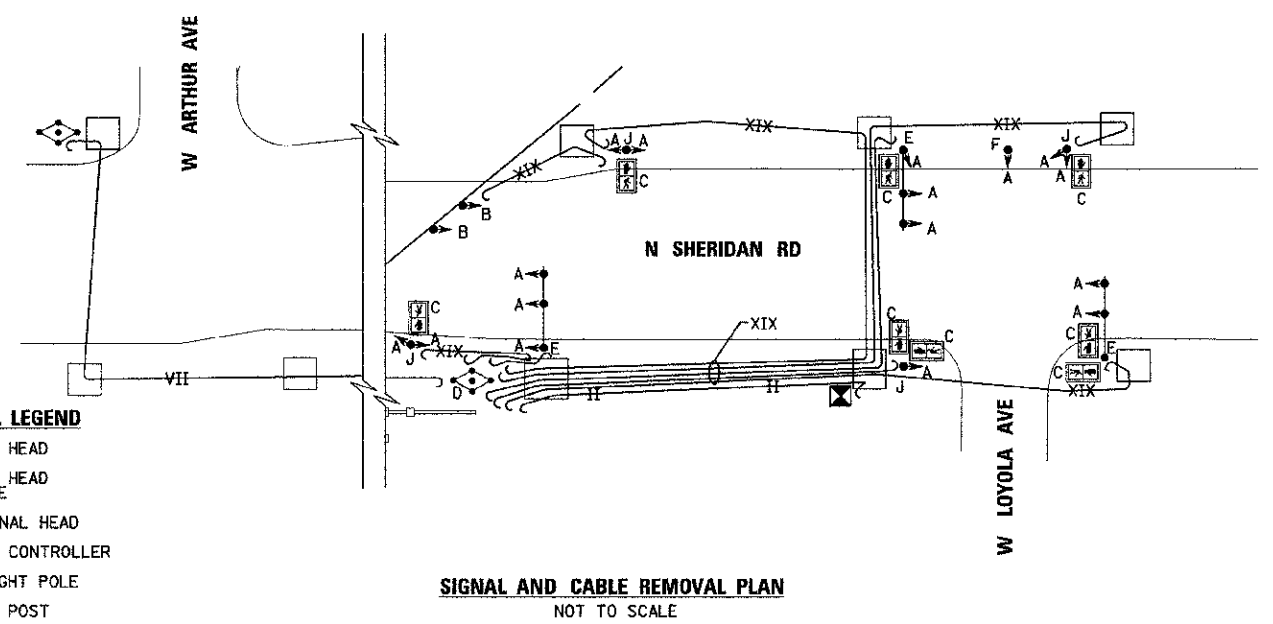
FILE NAME: ..\signals\prj\in-abc-temp\as.dgn	DESIGNED - CCC	REVISED -		<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY TRAFFIC CONTROL SIGNAL</b> <b>N SHERIDAN RD AND W LOYOLA AVE</b>	F.A.U. RTE. 2865	SECTION 10-65159-00-TL	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 35			
USER NAME: tblank	DRAWN - TMB	REVISED -				SCALE: 1"=20'	SHEET NO. 2 OF 3 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
PLCT DATE: 7/2/2012	CHECKED - JMM	REVISED -				CONTRACT NO. 63715							
DATE: 7/2/2012	REVISOR -	REVISED -											



- CONSTRUCTION NOTES**
1. FOREMAN TO CONTACT ALL UTILITIES PRIOR TO EXCAVATION FOR EXACT LOCATION OF THEIR UNDERGROUND FACILITIES AND VAULTS.
  2. CONSTRUCT TRAFFIC SIGNAL CONTROLLER FOUNDATION PER BOE STANDARD DWG. #888A
  3. INSTALL TRAFFIC SIGNAL HEADS PER BOE STANDARD DWG. #834 AND/OR DWG. #835.
  4. FOR CODE SHEET SEE BOE STANDARD DWG. #826.
  5. CONTRACTOR TO COORDINATE THE TEMPORARY TRAFFIC CONTROL PLAN WITH THE MOT PLAN.
  6. POLE MOUNTED JUNCTION BOXES ARE INCIDENTAL TO PROPOSED TRAFFIC SIGNAL POLE.
  7. EXISTING CONDUIT AND MANHOLES/HANDHOLES TO BE RODDED AND CLEANED IN ACCORDANCE WITH CDOT SPECIFICATIONS.
  8. ALL CABLE SLACK IN MANHOLES/HANDHOLES MUST BE TRAINED AND RACKED THIS INCIDENTAL TO THE CABLE INSTALLATION.
  9. TRAFFIC SIGNAL EQUIPMENT SHALL BE BLACK IN COLOR.



- TRAFFIC SIGNAL REMOVAL LEGEND**
- A - REMOVE TRAFFIC SIGNAL HEAD
  - B - REMOVE TRAFFIC SIGNAL HEAD ATTACHED TO STRUCTURE
  - C - REMOVE PEDESTRIAN SIGNAL HEAD
  - D - REMOVE TRAFFIC SIGNAL CONTROLLER
  - E - REMOVE COMBINATION LIGHT POLE
  - F - REMOVE TRAFFIC SIGNAL POST
  - G - BREAKDOWN FOUNDATION
  - H - REMOVE CONDUIT, JUNCTION BOXES AND RELATED HARDWARE ATTACHED TO STRUCTURE
  - J - REMOVE LIGHT POLE



REFER TO DRAWING #23117 "A" FOR LIGHTING PLAN

DATE		REVISION	
SUPERSEDES DWG. #			
WORK ORDER NO.		DATE	
COST ALLOCATION ACCOUNT			
APPROPRIATION ACCOUNT		MATERIAL	
		LABOR	
<b>TRAFFIC CONTROL SIGNALS</b>			
<b>N SHERIDAN RD &amp; W LOYOLA AVE</b>			
<b>CITY OF CHICAGO</b>			
DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING			
DRAFTSMAN:		ENGINEER:	
SUPERVISING ENGINEER:		ELEC. DESIGN ENGR.	
ENGINEER OF ELECTRICITY:		DWG. NO.	
GENL. SUPT. OF ELECTRICITY:		23117	
DEPUTY COMMISSIONER:			
SIZE:	AS NOTED	SCALE:	DATE:
F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS
2885	10-B5159-00-TL	COOK	62 36
			CONTRACT NO. 63715
ILLINOIS FED. AID PROJECT			

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PLOT DATE = 8/3/2012	DATE - 8/3/2012	REVISED -

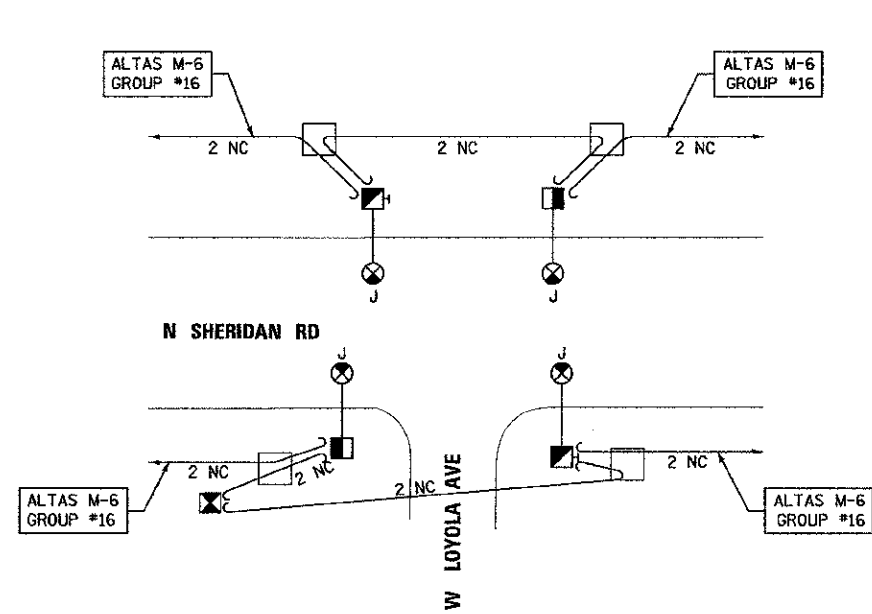


**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL SIGNAL**  
**N SHERIDAN RD AND W LOYOLA AVE**

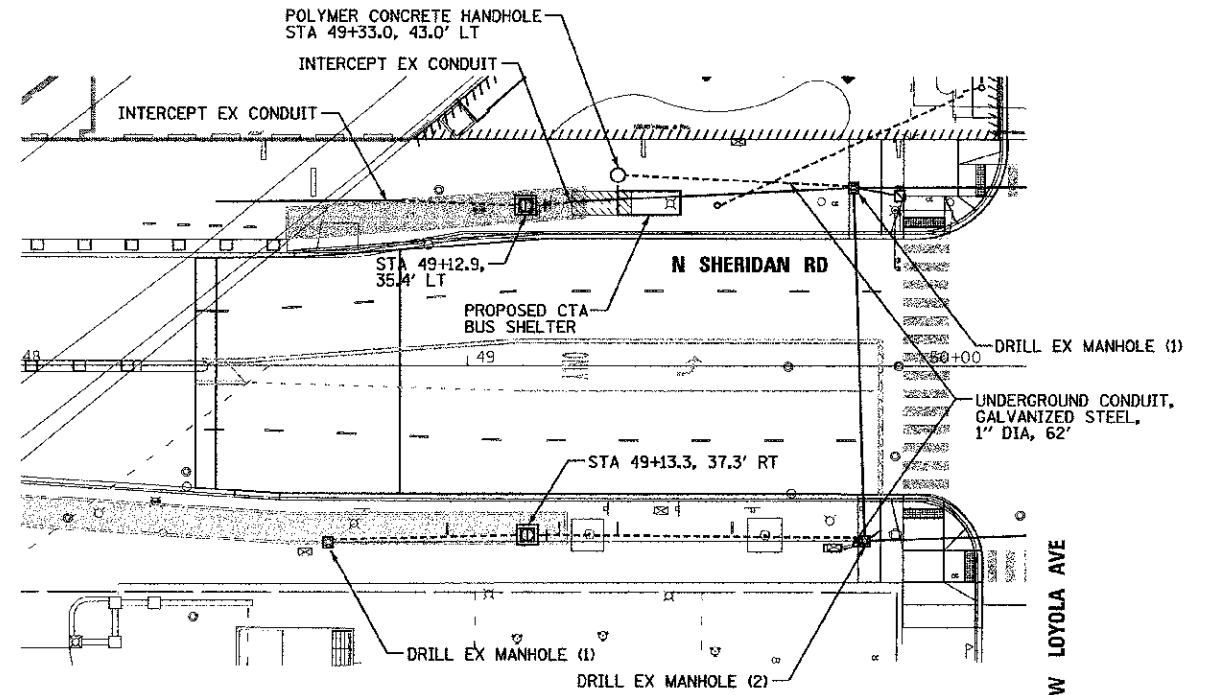
SCALE: 1"=20' SHEET NO. 3 OF 3 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.U. RT.E.	SECTION	COUNTY	TOTAL SHEETS
2885	10-B5159-00-TL	COOK	62 36
			CONTRACT NO. 63715
ILLINOIS FED. AID PROJECT			



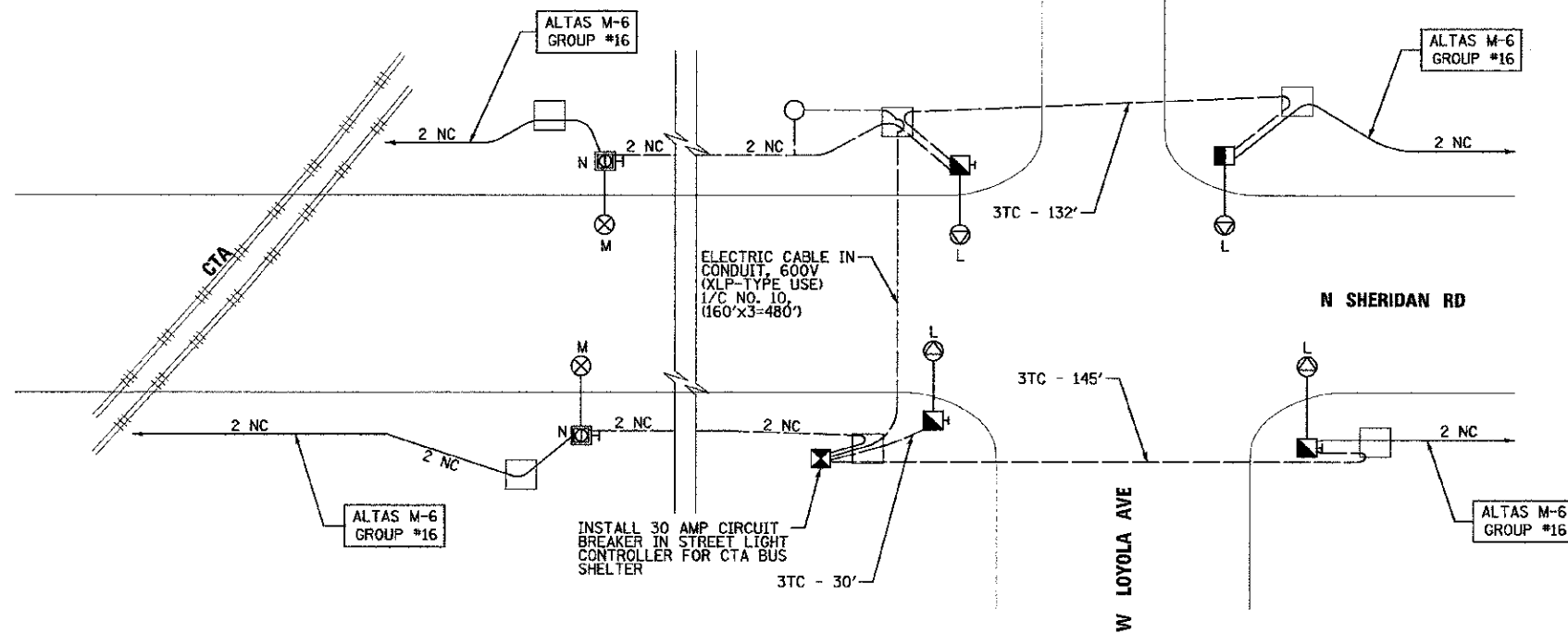
**STREET LIGHTING REMOVAL PLAN**  
NOT TO SCALE

**REMOVAL NOTES**  
J - REMOVE STEEL POLE, 12' STREET LIGHT MAST ARM, AND 310W LUMINAIRE



**STREET LIGHTING FOUNDATION AND CONDUIT PLAN**  
SCALE: 1" = 20'

**NOTE**  
THE POLE FOUNDATIONS AT THE CORNERS OF THE INTERSECTION BELOW SHALL BE INSTALLED UNDER THE TRAFFIC SIGNAL PLANS



**STREET LIGHTING INSTALLATION PLAN**  
NOT TO SCALE

**INSTALLATION NOTES**  
K - PAINT POLE AND EQUIPMENT BLACK  
L - INSTALL 12' MAST ARM AND 400 W HPSV LUMINAIRE  
M - INSTALL 12' MAST ARM AND 310 W HPSV LUMINAIRE  
N - THE TOP OF THE LIGHT POLE FOUNDATION MUST BE 8 INCHES ABOVE PROPOSED TOP OF SIDEWALK TO ACCOMMODATE THE SIDEWALK PLANTER

REFER TO DRAWING #23117 FOR FOUNDATION AND CONDUIT PLAN, SIGNAL AND CABLE PLAN, FOUNDATION AND CONDUIT REMOVAL PLAN, AND SIGNAL AND CABLE REMOVAL PLAN.

DATE		REVISION	
SUPERSEDES DWG. #			
WORK ORDER NO. _____		DATE _____	
COST ALLOCATION ACCOUNT _____			
APPROPRIATION ACCOUNT (MATERIAL _____)		LABOR _____	
<b>TRAFFIC CONTROL SIGNALS</b>			
<b>N SHERIDAN RD &amp; W LOYOLA AVE</b>			
<b>CITY OF CHICAGO</b>			
DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING			
DRAFTSMAN: _____		ENGINEER: _____	
SUPERVISING ENGINEER: _____		ELEC. DESIGN ENGR. _____	
ENGINEER OF ELECTRICITY: _____		DWG. NO. <b>23117A</b>	
GEN'L SUPT. OF ELECTRICITY: _____			
DEPUTY COMMISSIONER: _____			
SIZE: _____	AS NOTED	SCALE: _____	DATE: _____
F.A.I.L. RTE. 2865	SECTION 10-B5159-00-TL	COUNTY COOK	TOTAL SHEETS NO. 37
			CONTRACT NO. 63715
ILLINOIS FED. AID PROJECT			

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PLT DATE = 7/2/2012	DATE = 7/2/2012	REVISED -



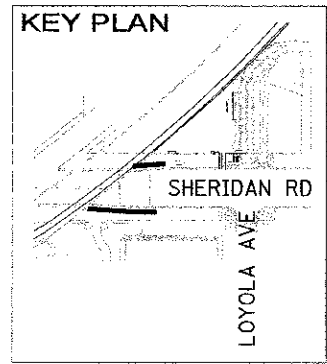
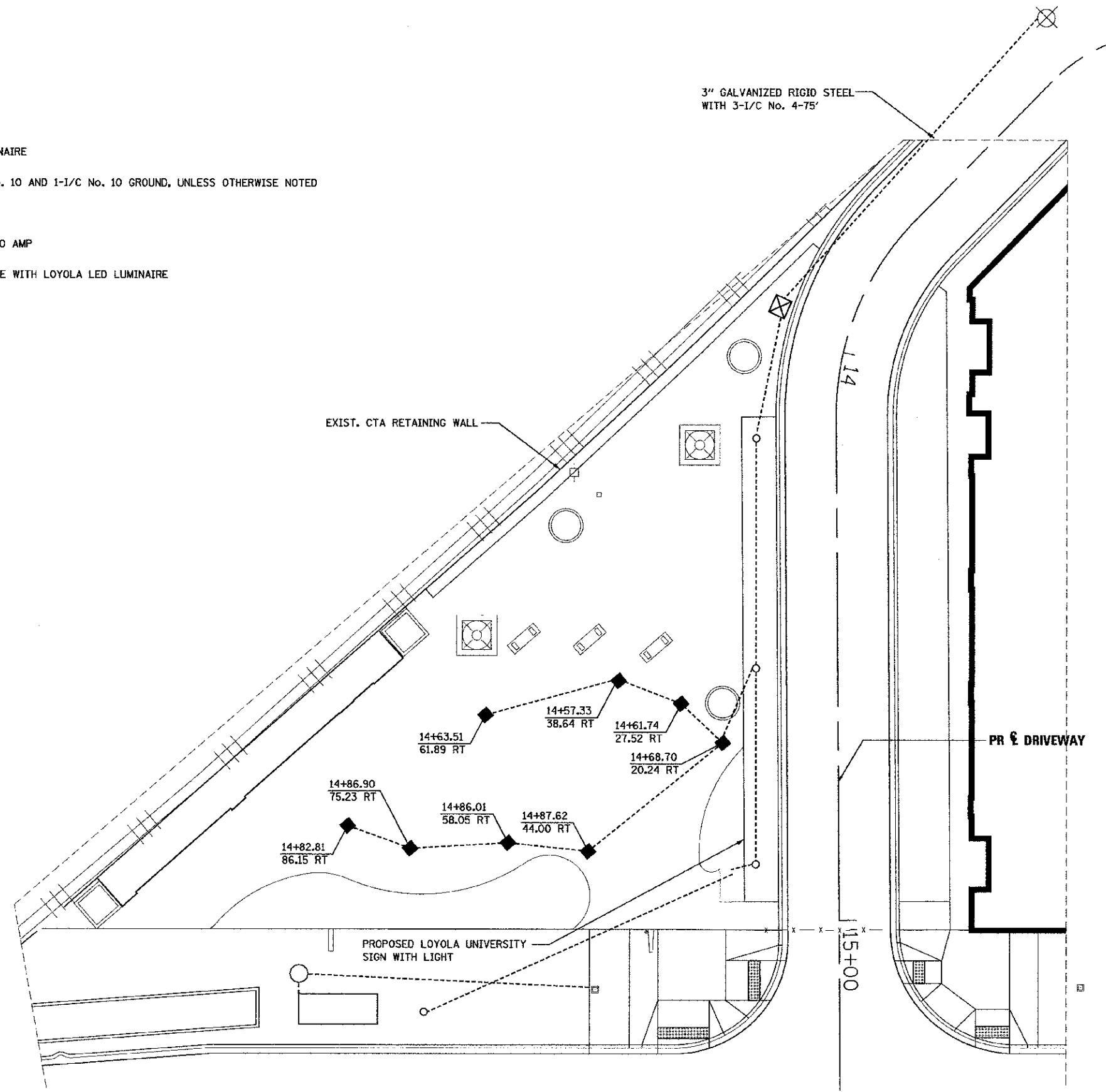
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**STREET LIGHTING INSTALLATION AND REMOVAL PLAN**

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

**LEGEND**

- PROPOSED BOLLARD WITH LED LUMINAIRE
- UNIT DUCT, 3/4" DIA., WITH 2-1/2" No. 10 AND 1-1/2" No. 10 GROUND, UNLESS OTHERWISE NOTED
- ⊗ PROPOSED SERVICE INSTALLATION
- ⊠ PROPOSED CONTROLLER, 1 PHASE 100 AMP
- PROPOSED EMBEDDED CONCRETE POLE WITH LOYOLA LED LUMINAIRE



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USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 7/2/2012	DATE - 7/2/2012	REVISED -



**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LIGHTING PLAN**

SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	38
CONTRACT NO. 63715			ILLINOIS FED. AID PROJECT	

PROPOSED PRESENT

- ▶ SIGNAL, TRAFFIC 3 SECTION 1-WAY ADJUSTABLE, 12" OR AS NOTED
- ▶ SIGNAL, TRAFFIC 3 SECTION 2-WAY ADJUSTABLE, 12" OR AS NOTED
- \* SIGNAL OPTICALLY PROGRAMMED
- ▶ SIGNAL, PEDESTRIAN, DON'T WALK/WALK
- ▶ SIGNAL FACE ARROW, 12" COLOR AS NOTED
- ▶ SIGNAL FACE, 1 SECTION YELLOW/GREEN ARROW DUAL INDICATION
- PUSH BUTTON, PEDESTRIAN
- ▶ SIGN, ILLUMINATED, WITH MESSAGE OR SYMBOL AS INDICATED
- ▶ MAST ARM, MONOTUBE, STEEL. SIZE AS INDICATED (SEE DWG. #870)
- ▶ MAST ARM, TRUSS, ALUMINUM. SIZE AS INDICATED
- ▶ CONTROLLER, TRAFFIC SIGNAL, PEDESTAL OR BASE MOUNTED AS INDICATED
- ▶ CONTROLLER, STREET LIGHTING, PEDESTAL OR BASE MOUNTED. (DWG. 876 or 880)
- ▶ CONTROLLER, STREET LIGHTING, POLE MOUNTED (DWG. #11940)
- ▶ POLE, WOOD, COMMONWEALTH EDISON COMPANY, SERVICE
- ▶ POLE, CITY STEEL, ANCHOR BASE, 34'-6", 3 GA., 10" DIA. AND 15" B.C. 24"X7" FND. W/1 1/4" ANCHOR RODS DRG. #818.
- ▶ POLE, CITY STEEL, ANCHOR BASE, 34'-6", 3 GA., 10" DIA. AND 15" B.C. 24"X9" FND. W/1 1/4" ANCHOR RODS DRG. #818 (16', 20' or 26' M.A.)
- ▶ POLE, CITY STEEL, ANCHOR BASE, 34'-6", 3 GA., 11" DIA. AND 17 1/4" B.C. 30"X9" FND. W/1 1/4" ANCHOR RODS DRG. #816. (30' M.A.)
- ▶ POLE, CITY STEEL, ANCHOR BASE 34'-6", 3 GA., 12 1/2" DIA. AND 16 1/2" B.C. 30"X11" FND. W/1 1/2" ANCHOR RODS DRG. #817. (35', 40' or 44' M.A.)
- ▶ POLE, CITY STEEL, ANCHOR BASE, 32'-6", 3 GA., 10" DIA., WITH 3 GA. BAL. HSG. BASE AND 17 1/4" B.C. ON 30"X9" FND. W/ 1 1/4" ANCHOR RODS DRG. #816.
- ▶ POLE, CITY STEEL, ANCHOR BASE, 20', 27'-6", 29'-6", 7 GA. WITH STEEL BAL. HSG. BASE AND FND. W/10" D. B.C. AND 1" ANCHOR RODS DRG. #716.
- ▶ POLE, CITY STEEL, ANCHOR BASE, 20', 27'-6", 29'-6", 3 GA., WITH STEEL BAL. HSG. BASE AND FND. W/10" D. B.C. AND 1" ANCHOR RODS DRG. #719.
- ▶ POLE, CITY STEEL, ANCHOR BASE, 20', 27'-6", 29'-6" 7 GA., AND FND. WITH 10" B.C. AND 1" ANCHOR RODS DRG. #11408B.
- ▶ POLE, CITY STEEL, ANCHOR BASE, 20', 27'-6", 29'-6" 3 GA., AND FND. WITH 10" B.C. AND 1" ANCHOR RODS DRG. #11408B.
- ▶ POLE, CITY STEEL, ANCHOR BASE, 32'-6", 7 GA., AND FND. WITH 11 1/2" B.C. AND 1" ANCHOR RODS DRG. #753.
- ▶ POLE, CITY STEEL, ANCHOR BASE, 32'-6", 3 GA., AND FND. WITH 11 1/2" B.C. AND 1" ANCHOR RODS DRG. #753.
- ▶ POLE, CITY STEEL, ANCHOR BASE, 32'-6" 7 GA., ALUM. BHB AND FND. WITH 15" B.C. 24"X7" WITH 1" ANCHOR RODS DRG. #691.
- ▶ POLE, CITY STEEL, ANCHOR BASE, 32'-6", 3 GA., ALUM. BHB AND FND. WITH 15" B.C. 24"X7" WITH 1" ANCHOR RODS DRG. #691.
- ▶ POLE, CITY ALUMINUM, WITH ROUND BAL. HSG. BASE, 25', 28', or 30' ON FND. WITH 14" B.C., ACQUIRED FROM CHICAGO PARK DISTRICT.
- POLE, CITY STEEL, EMBEDDED, 4"X 9"X 35' 7 GA., TAPERED TUBULAR. (DWG. #658)
- POLE, CITY STEEL, EMBEDDED, 4"X 9"X 35' 3 GA., TAPERED TUBULAR. (DWG. #658)
- POLE, CITY STEEL, EMBEDDED. (ACQUIRED FROM CTA)
- COLUMN, ELEVATED STRUCTURE
- POLE, WOOD. (SIZE AS NOTED)
- POLE, FOUNDATION WITH ELBOWS AS INDICATED. (SIZE AS NOTED)
- POLE, ORNAMENTAL OR OTHER, AS INDICATED ON THE PLANS

PROPOSED PRESENT

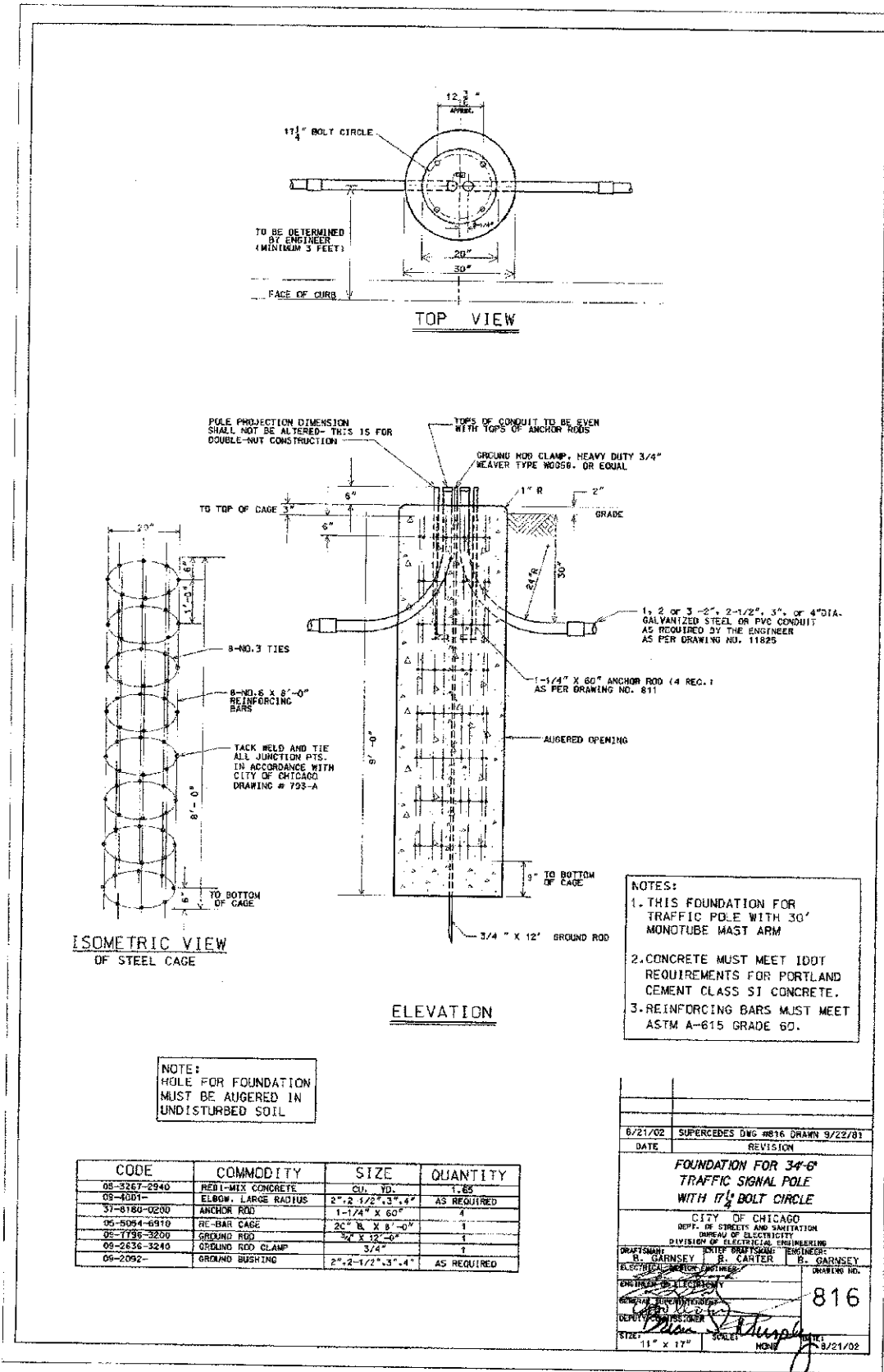
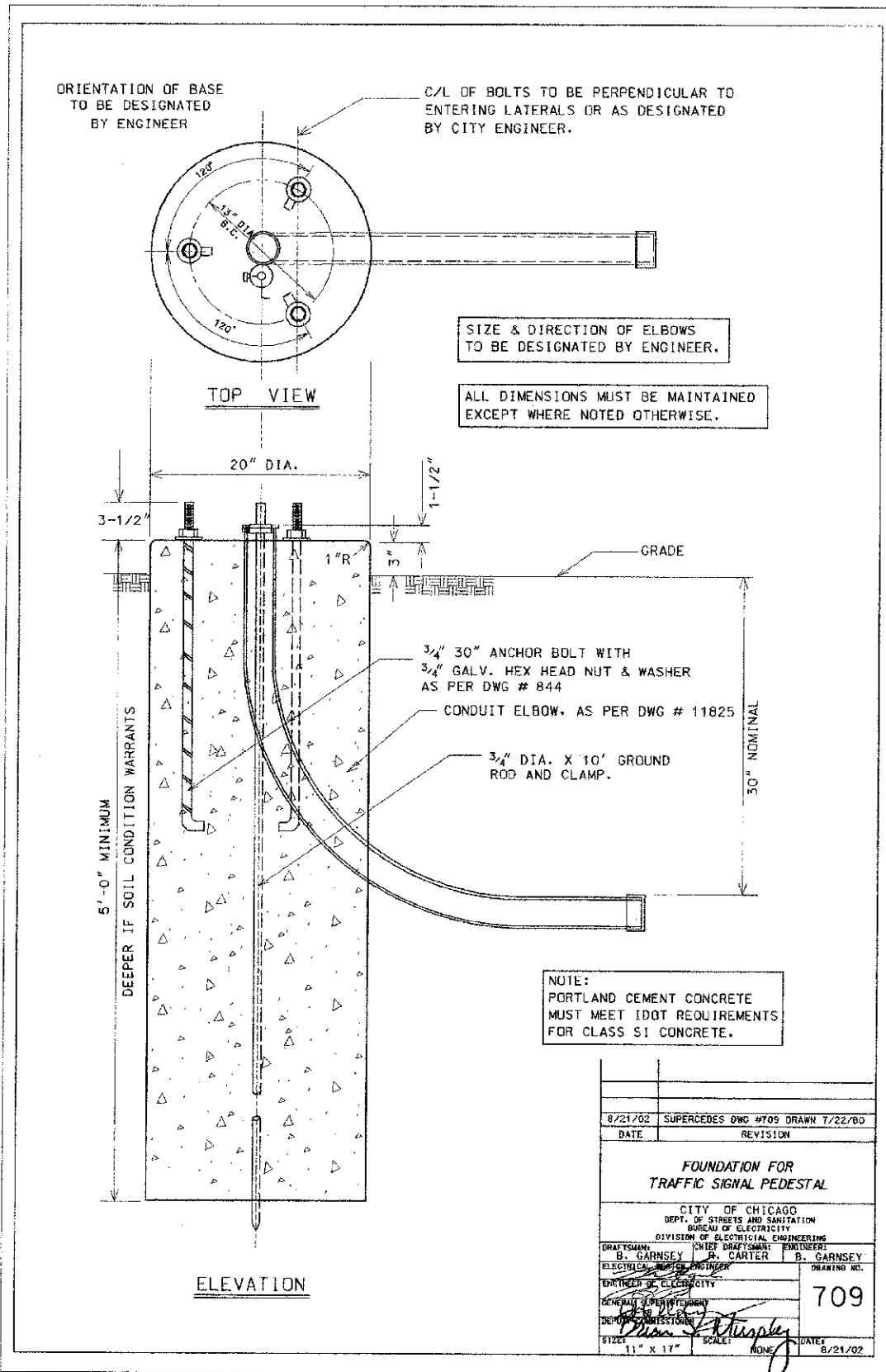
- HANDHOLE, HEAVY DUTY, 36" I.D. (DWG.#866)
- HANDHOLE, CIRCULAR WITH 24" FRAME & COVER, 30" I.D. (#867)
- MANHOLE, CITY 3'X4'X4' DWG. #729 or 730; 4'X6'X6' DWG. #732 or 733.
- △ FOUNDATION, CONTROLLER OR PEDESTAL, 13" B.C., 20"X5' (DWG. #709)
- FOUNDATION, TRAFFIC CONTROLLER DWG. #854. F.A. TERMINAL FND. DWG. #11972
- FOUNDATION, TRAFFIC TYPE "P", BASE MOUNT. (DWG. #888)
- FOUNDATION, CONTROLLER STREET LIGHT, SPECIAL, 100A & 200A. (DWG.#876 & # 880)
- FOUNDATION, TRANSCLOSURE; TRANSCLOSURE HOUSING. (DWG.# 583 & #891)
- CONTROLLER, UNDERPASS LIGHTING 120V. & 240V. (DWG. #860 & #861)
- MANHOLE, UTILITY, E=COMMONWEALTH EDISON; T=ILL. BELL TEL.; G=PEOPLES GAS; W=CITY WATER; P=CHGO PARK DISTRICT; CTA=C.T.A.; S= SEWER
- JUNCTION BOX, IN PAVEMENT (DWG. #815)
- DETECTOR LOOP IN PAVEMENT
- CONDUIT or P.V.C., NUMBER, SIZE & TYPE. (AS NOTED)
- CONDUIT or P.V.C. ENCASED IN CONCRETE. (SECTION OR NUMBER OF CONDUIT INDICATED)
- LUMINAIRE, H.P.S.V. 400W LAMP, 240V, SEMI-CUTOFF
- LUMINAIRE, H.P.S.V. 400W LAMP, 240V, CUTOFF
- LUMINAIRE, H.P.S.V. 310W LAMP, 240V
- LUMINAIRE, H.P.S.V. 310W LAMP 240V, CUTOFF
- LUMINAIRE, H.P.S.V. 150W LAMP, 240V
- LUMINAIRE, H.P.S.V. 150W LAMP, 120V
- △ LUMINAIRE, H.P.S.V. 250W LAMP, 120V. (ALLEY LIGHT)
- LUMINAIRE, H.P.S.V. 250W LAMP, 120V
- TERMINAL, CABINET F.A. & P.C.
- FIRE ALARM BOX, MOUNTED
- FIRE ALARM BOX, POLE MOUNTED
- PR--- CABLE, TRAFFIC SIGNAL, COMMUNICATION, 1-PAIR #14 SHIELDED, IN CONDUIT
- 2--- CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2/C- #4, 600 V. EPR. IN CONDUIT
- III--- CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2 1/C-#2 or #1/0 600V. EPR IN CONDUIT
- II--- CABLE, TRAFFIC SIGNAL POWER SUPPLY, 2/C-#10 or #6, 600V NSRI, IN CONDUIT
- VII--- CABLE, TRAFFIC SIGNAL, 7/C-#12 or #14, 600V. EPR IN CONDUIT
- X--- CABLE, TRAFFIC SIGNAL, 10/C-#12 or #14, 600V. EPR IN CONDUIT
- XIV--- CABLE, TRAFFIC SIGNAL, 14/C-#12, 600V. EPR IN CONDUIT
- XIX--- CABLE, TRAFFIC SIGNAL, 19/C-#12 or #14, 600V. EPR IN CONDUIT
- 2N--- CABLE, STREET LIGHT, 2 1/C-#6, 600V. RINS IN PARKWAY
- 2NC--- CABLE, STREET LIGHT, 2 1/C-#6, 600V. RINS IN CONDUIT
- 3TC--- CABLE, STREET LIGHT, 2 1/C-#6 EPRN 600V. & 1 1/C-#8 GREEN, TRIPLEXED, IN CONDUIT
- 3NC--- CABLE, STREET LIGHT, 3 1/C-#1/0, or #2/0, or #4, 600V. EPR IN CONDUIT
- 2W--- WIRE, STREET LIGHT, 2 1/C-#6, HDNS. AERIAL
- 3W--- WIRE, STREET LIGHT, 2 1/C-#6 & 1 1/C #8, HDNS. AERIAL
- III--- CABLE, STREET LIGHT AERIAL, 3 1/C-#4 or #2 SELF SUPPORTING, 600V EPR
- FA--- WIRE, F.A. & P.C. AERIAL, 1/C-#10, NUMERAL DENOTES QUANTITY
- PR--- CABLE, F.A. & P.C. AERIAL, W/ MESSENGER #19-(NUMBER OF PAIRS AS INDICATED)
- 6--- CABLE, F.A. & P.C. AERIAL, SELF SUPPORTING, #19-(NUMBER OF PAIRS AS INDICATED)
- 37-PR--- CABLE, F.A. & P.C., IN CONDUIT, #19-(NUMBER OF PAIRS AS INDICATED)
- ▲ DOWNLIGHT ASSEMBLY. (DWG. #850)
- ☀ LIGHT, TRAFFIC SAFETY ISLAND
- ◁ FLASHING BEACON & DOWNLIGHT

**ORNAMENTAL LUMINAIRES**  
PROPOSED EXISTING

- ◆ 310W PENDANT (240V)
- ◆ 400W PENDANT (240V)
- ◆ 250W PENDANT (240V)
- ⊖ 150W ACORN (120V)
- ⊖ 150W ACORN (240V)
- ⊖ 50W ACORN (240V)
- ⊖ 100W ACORN (240V)
- ⊖ 150W GLOBE (240V)
- ⊖ 100W GLOBE (240V)
- ⊖ 50W GLOBE (240V)

C 04-01-02	REVISED/REDRAW	R. POOL/B. I.
B 12-4-01	ADDED ORNAMENTAL SYMBOLS	
A 8-6-96	REDRAWN	
DATE	REVISION	
<b>STANDARD CODE FOR TRAFFIC SIGNALS/ STREET LIGHTING</b>		
CITY OF CHICAGO DEPT. OF TRANSPORTATION BUREAU OF ELECTRICITY DIVISION OF ELECTRIC ENGINEERING		
DESIGNED BY R. IVY	CHECKED BY R. CARTER	TENDERED BY R. POOL/R.C./W.T.
SUPERVISING ENGINEER ELEC. DESIGN ENGR.		DWG. NO. <b>826</b>
ENGINEER OF ELECTRICITY		DATE:
DEPT. CHIEF OF CONSTRUCTION		
DEPUTY COMMISSIONER		
SIZE: 22"   36"   SCALE:		





FILE NAME :	DESIGNED -	REVISED -
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USER NAME : tbenk	CHECKED -	REVISED -
PLDT DATE : 7/2/2012	DATE - 7/2/2012	REVISED -



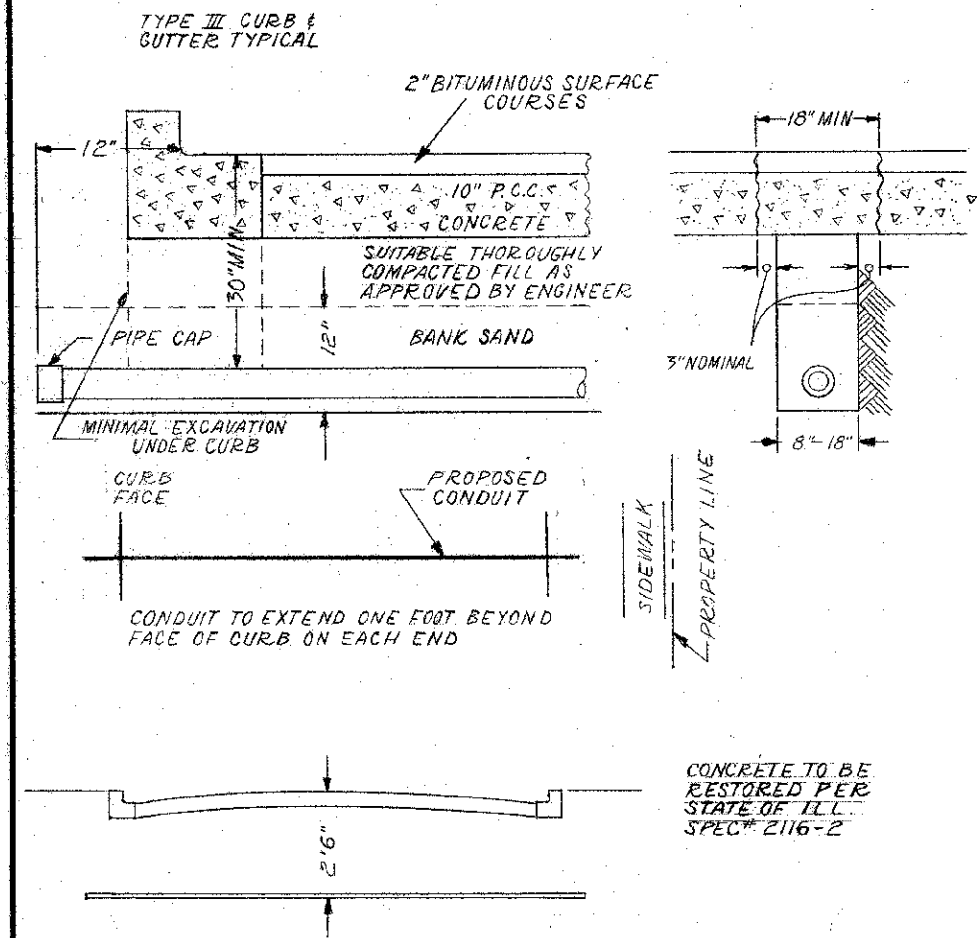
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BOE STANDARDS

SCALE: NTS SHEET NO. 2 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-85159-00-TL	COOK	62	40
			CONTRACT NO. 63715	
ILLINOIS FED. AID PROJECT				

CONDUIT INSTALLATION UNDER PAVED STREET

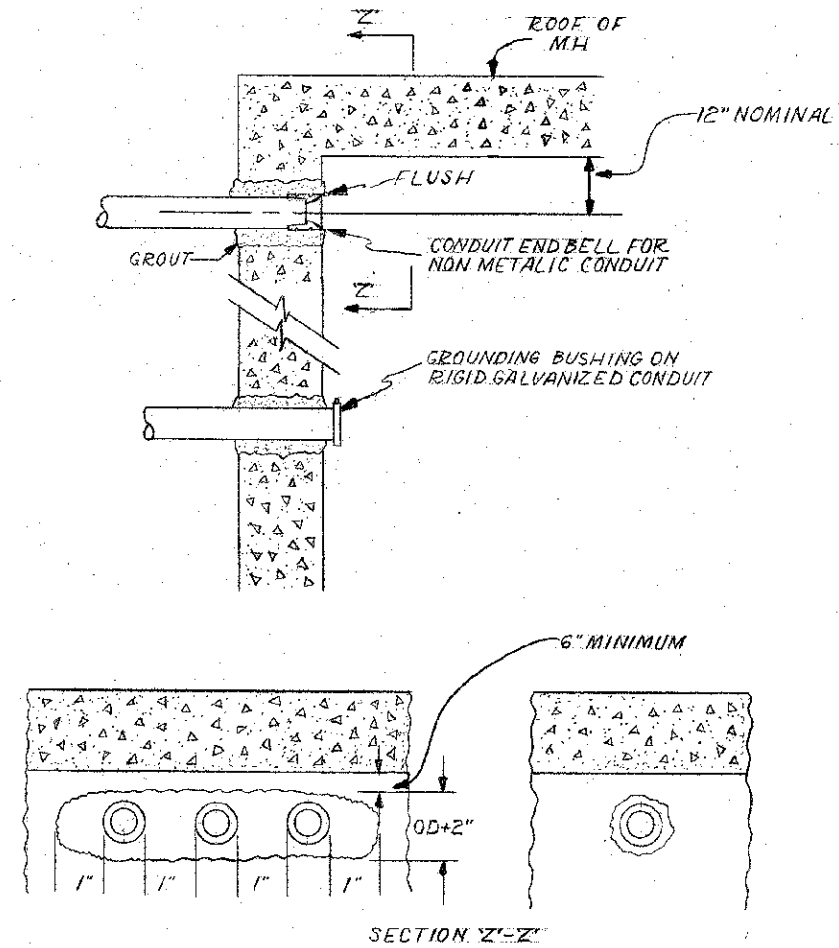


CONCRETE TO BE RESTORED PER STATE OF ILL. SPEC# 2116-2

INSTALLATION METHOD OF INSTALLING CONDUIT UNDER PAVED ROADWAY

<b>CITY OF CHICAGO</b> DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING		
DRAWN A.M. JOHNSON	CHECKED R. SYCKOWSKI	ENGINEER R.L. MARTIN
 ENGINEER OF ELECTRICITY		DRG. NO. <b>813</b>
 DEPUTY ENGINEER		DATE 3-13-12
SIZE 8 1/2" X 14"	SCALE N.T.S.	

CONDUIT INSTALLATION THROUGH EXISTING MANHOLE OR HANDHOLE WALL



OPENING THROUGH WALL TO BE KEPT TO MINIMUM SIZE TO ADMIT CONDUIT AND SUFFICIENT GROUT TO ASSURE SEALING WALL.

INSTALLATION METHOD OF INSTALLING CONDUIT THRU MANHOLE WALL

<b>CITY OF CHICAGO</b> DEPT. OF STREETS AND SANITATION BUREAU OF ELECTRICITY DIVISION OF ELECTRICAL ENGINEERING		
DRAWN A.M. JOHNSON	CHECKED R. SYCKOWSKI	ENGINEER R.L. MARTIN
 ENGINEER OF ELECTRICITY		DRG. NO. <b>814</b>
 DEPUTY ENGINEER		DATE 3-13-12
SIZE 8 1/2" X 14"	SCALE N.T.S.	

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...vprpln#BOE-std-82.dgn	DRAWN -	REVISED -
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PLOT DATE - 7/2/2012	DATE - 7/2/2012	REVISED -

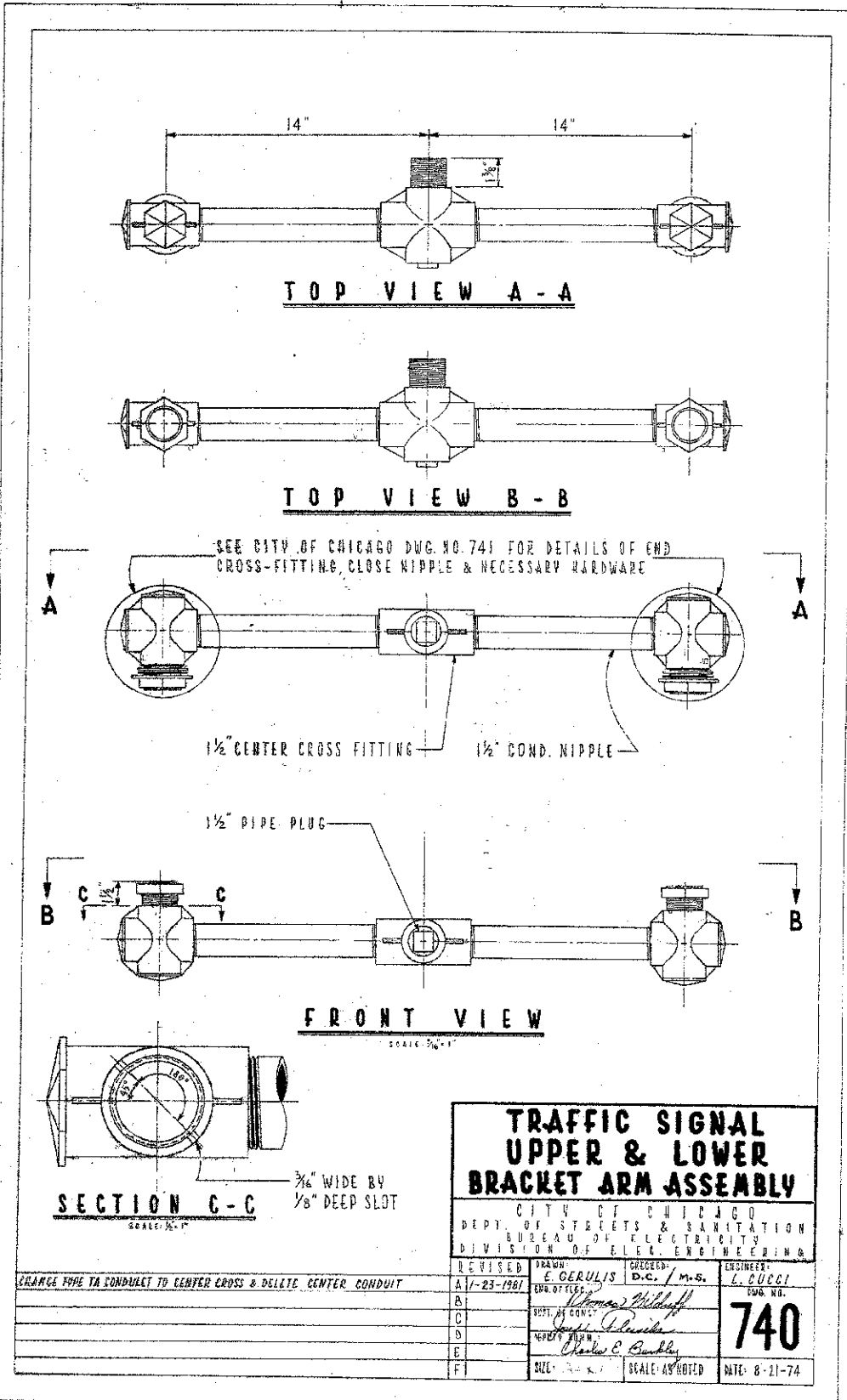


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BOE STANDARDS

SCALE: NTS SHEET NO. 3 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-85159-00-TL	COOK	62	41
CONTRACT NO. 63715				
ILLINOIS FED. AID PROJECT				



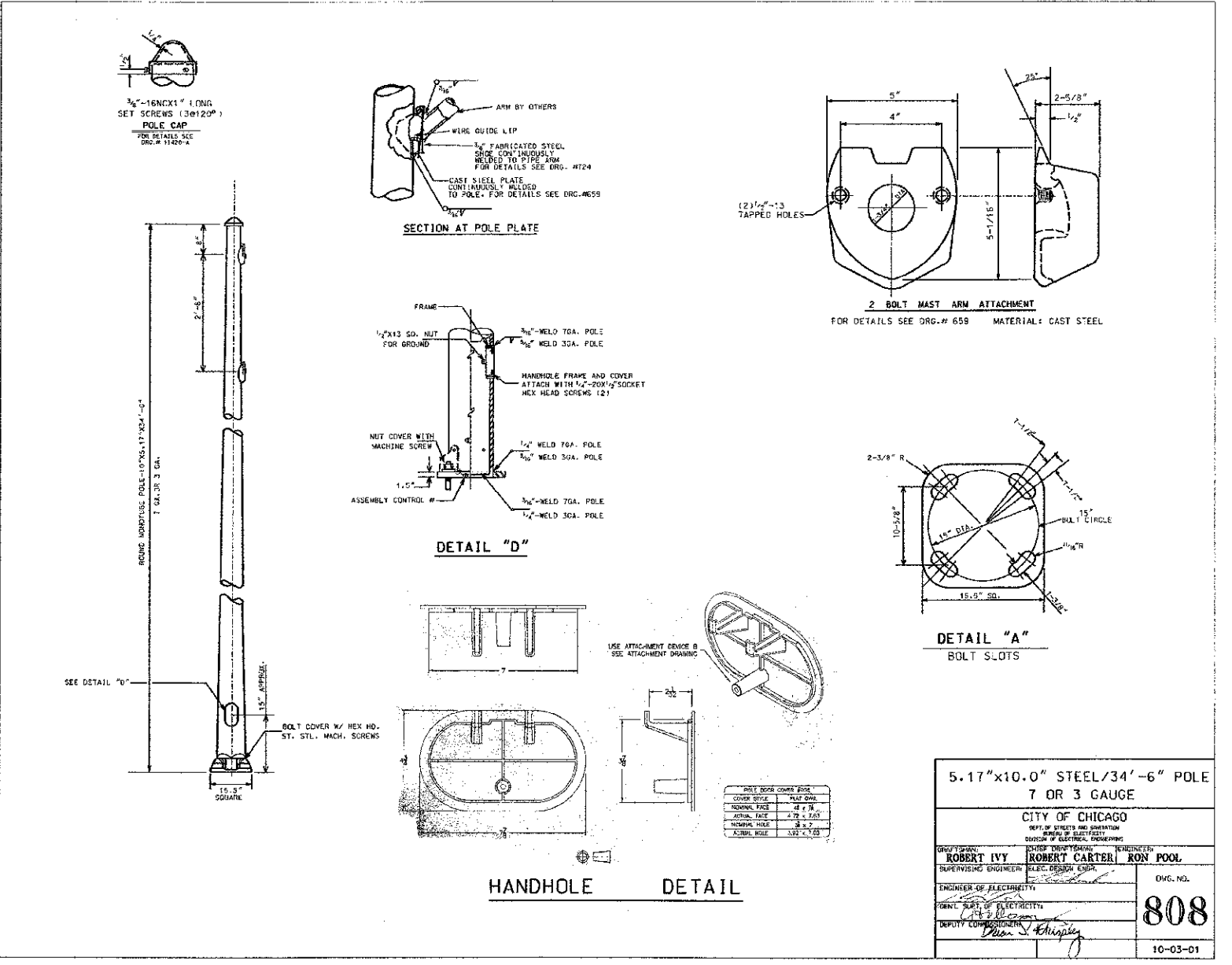
**TRAFFIC SIGNAL  
UPPER & LOWER  
BRACKET ARM ASSEMBLY**

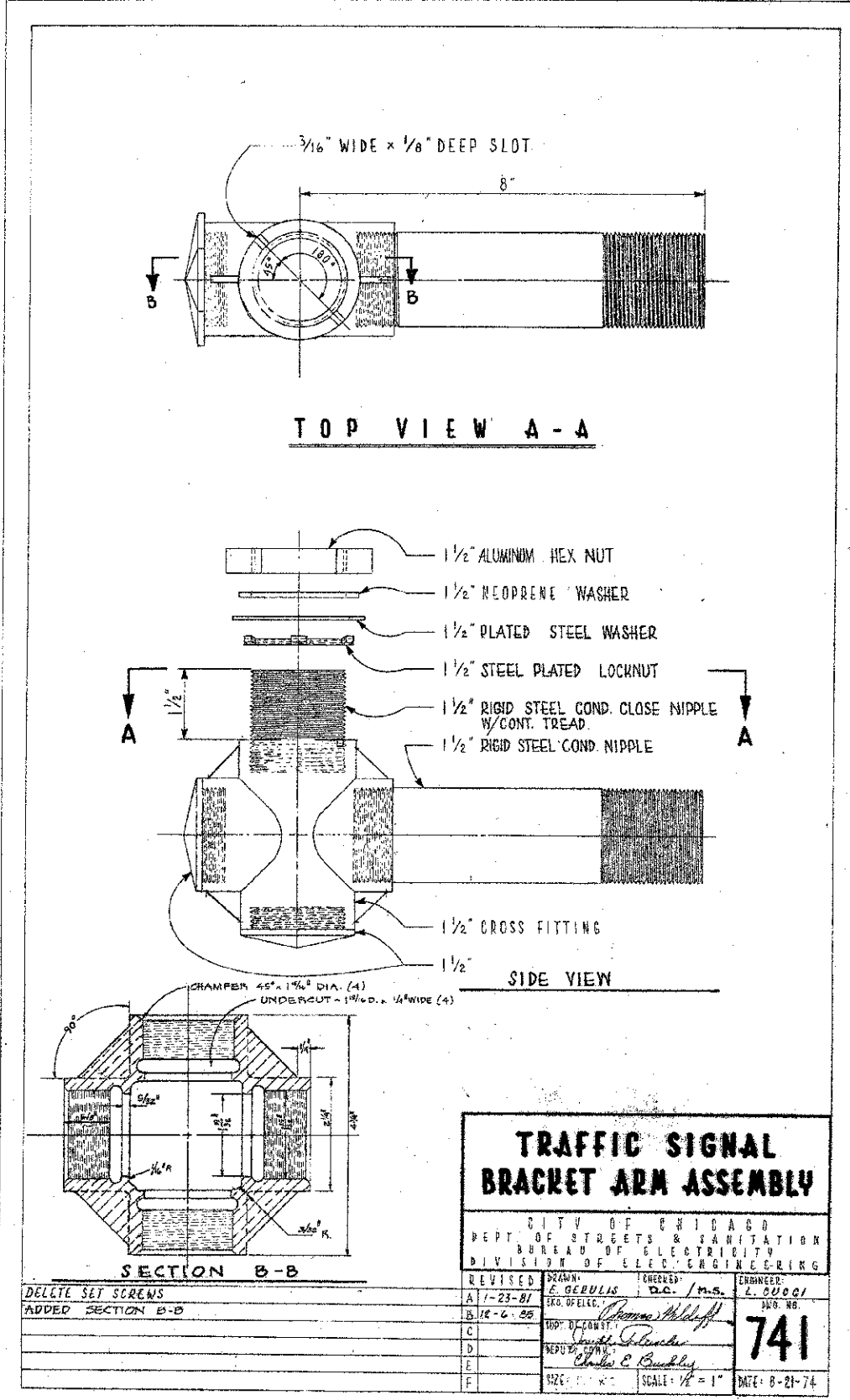
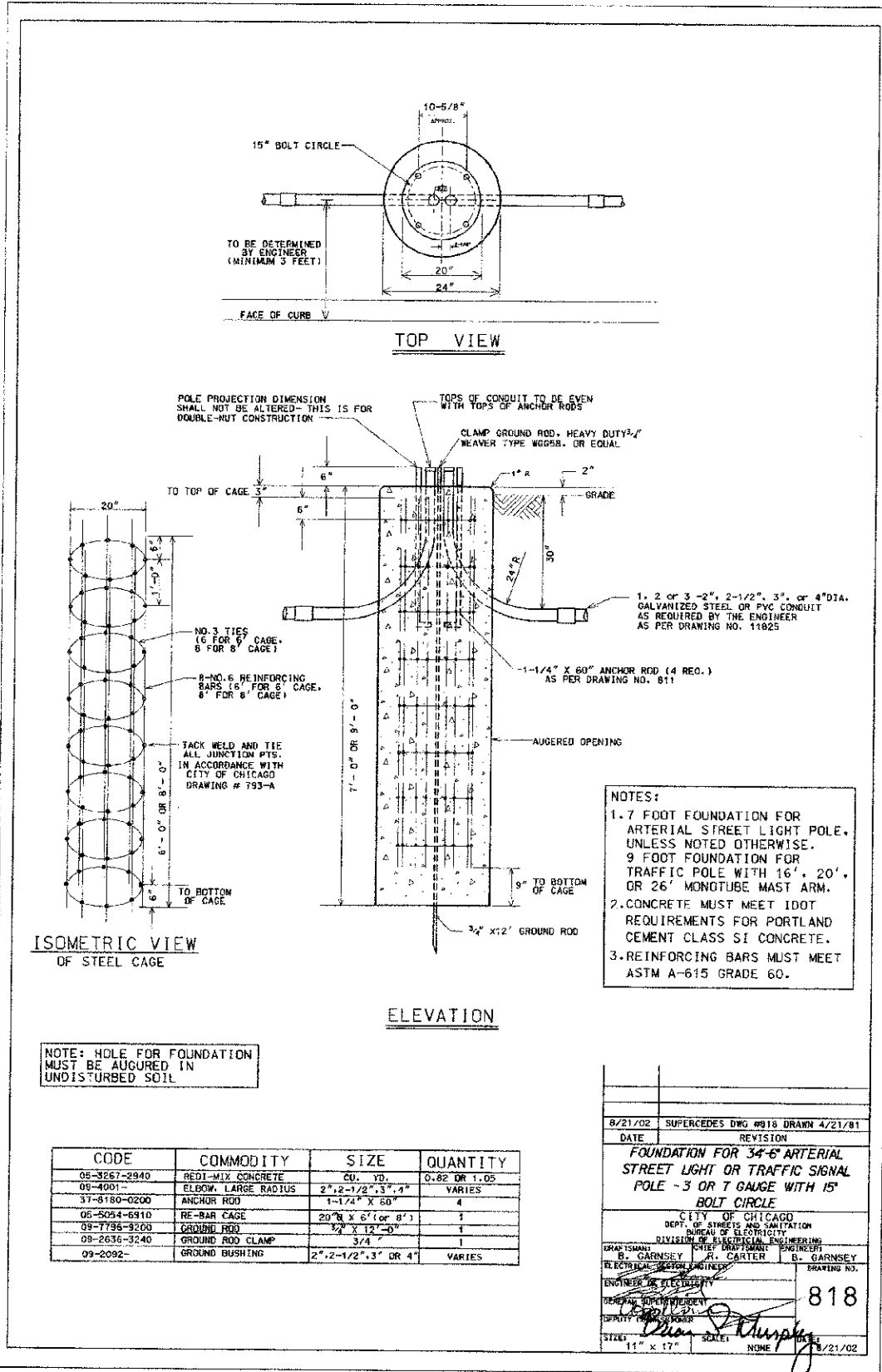
CITY OF CHICAGO  
DEPT. OF STREETS & SANITATION  
BUREAU OF ELECTRICITY  
DIVISION OF ELEC. ENGINEERING

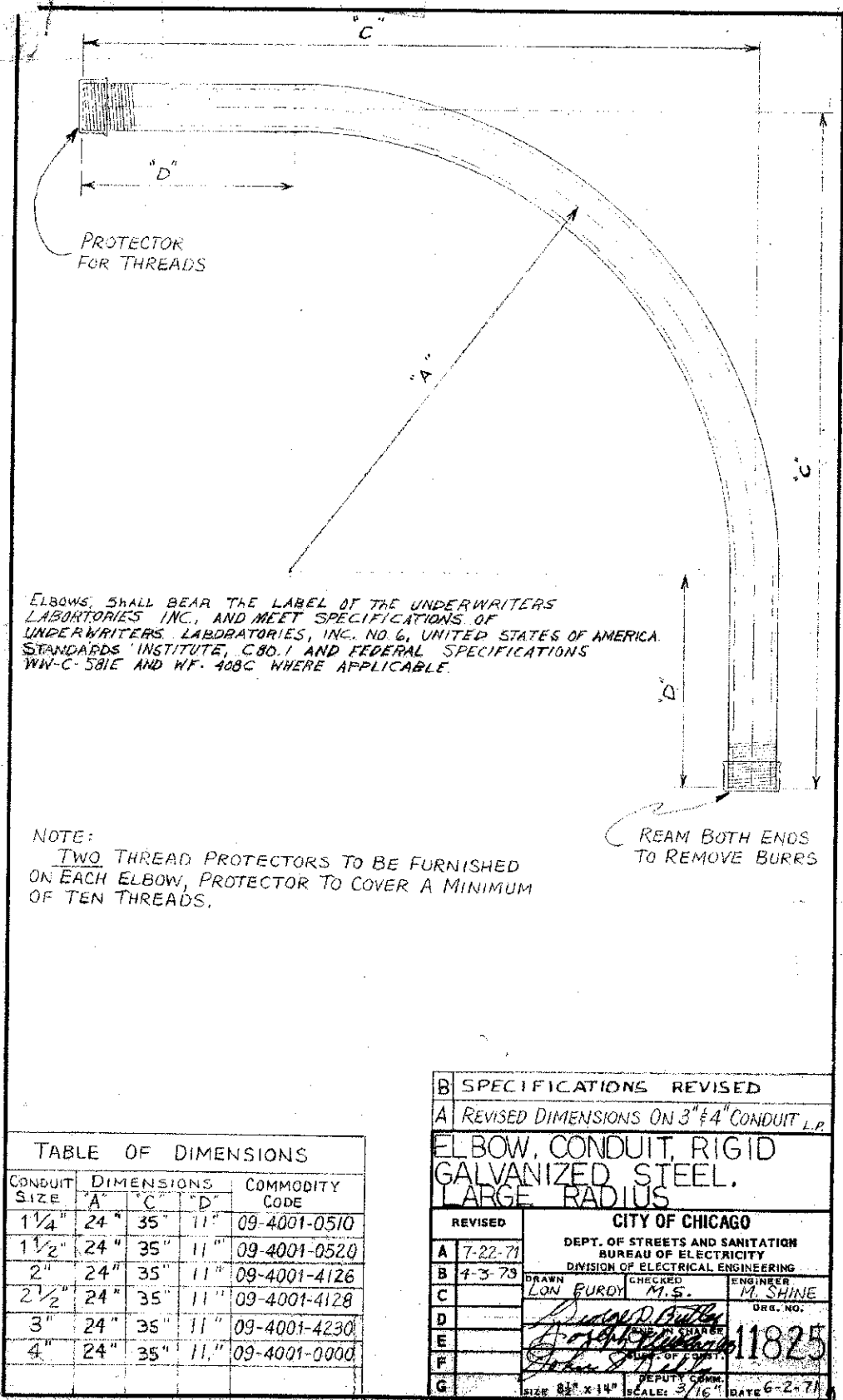
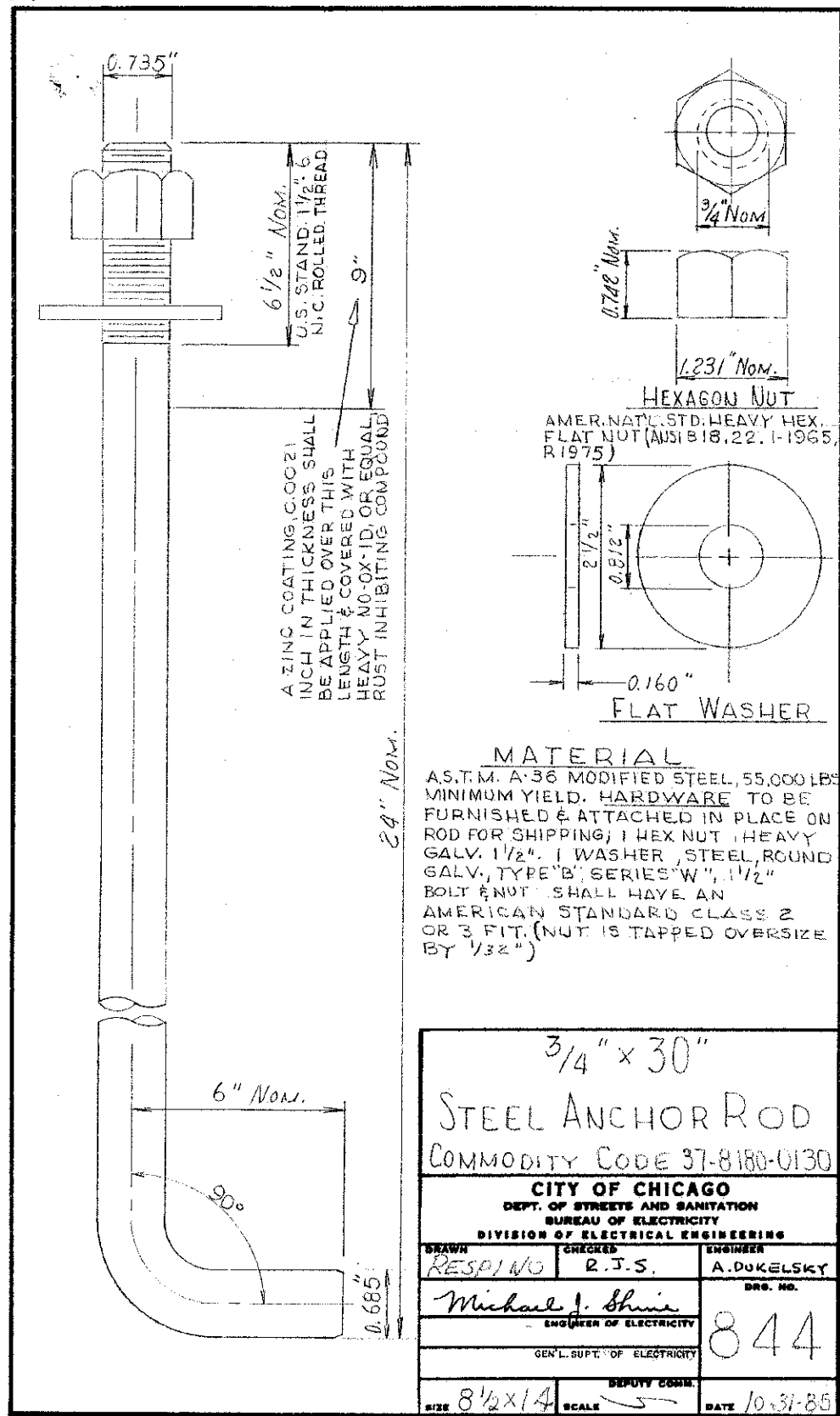
REVISED	DRAWN	CHECKED	ENGINEER
A/1-23-1981	E. GERULIS	D.C. / M.S.	L. CUCCI
B	<i>[Signature]</i>		
C	<i>[Signature]</i>		
D	<i>[Signature]</i>		
E	<i>[Signature]</i>		
F			

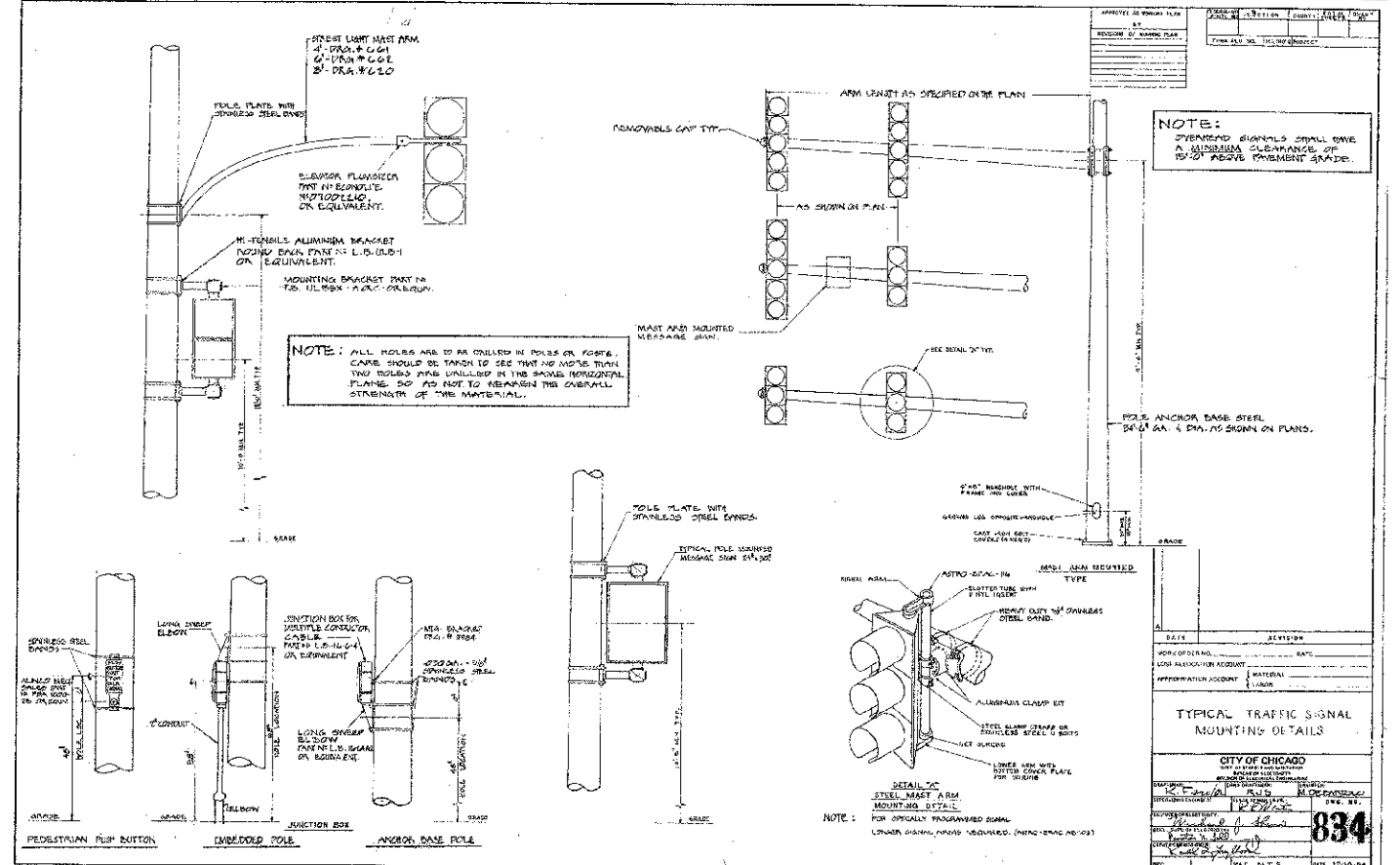
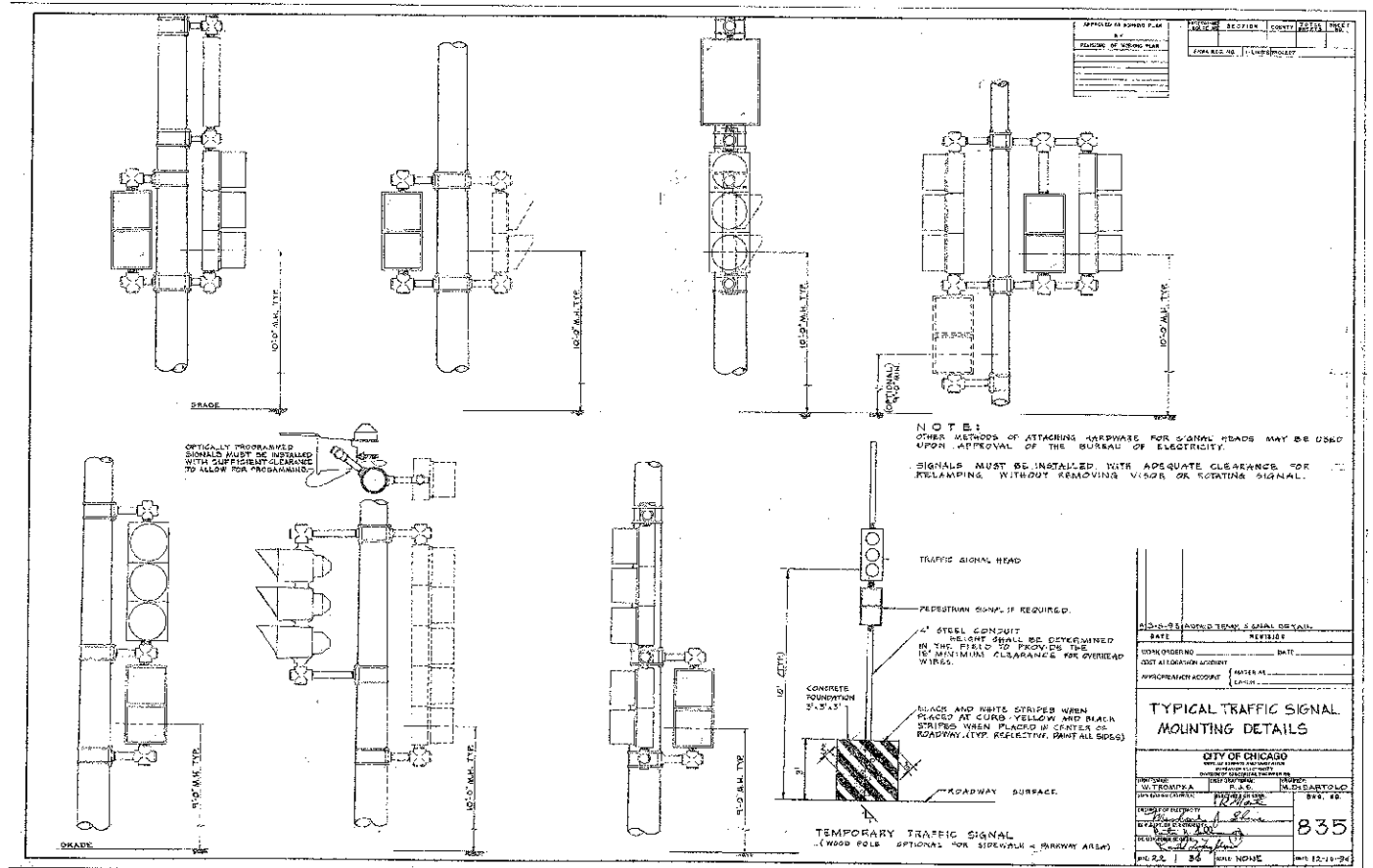
**740**

SIZE: 24" x 1" SCALE: AS NOTED DATE: 8-21-74









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PLOT DATE = 7/2/2012	DATE - 7/2/2012	REVISED -

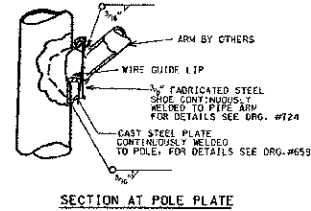
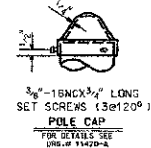


**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

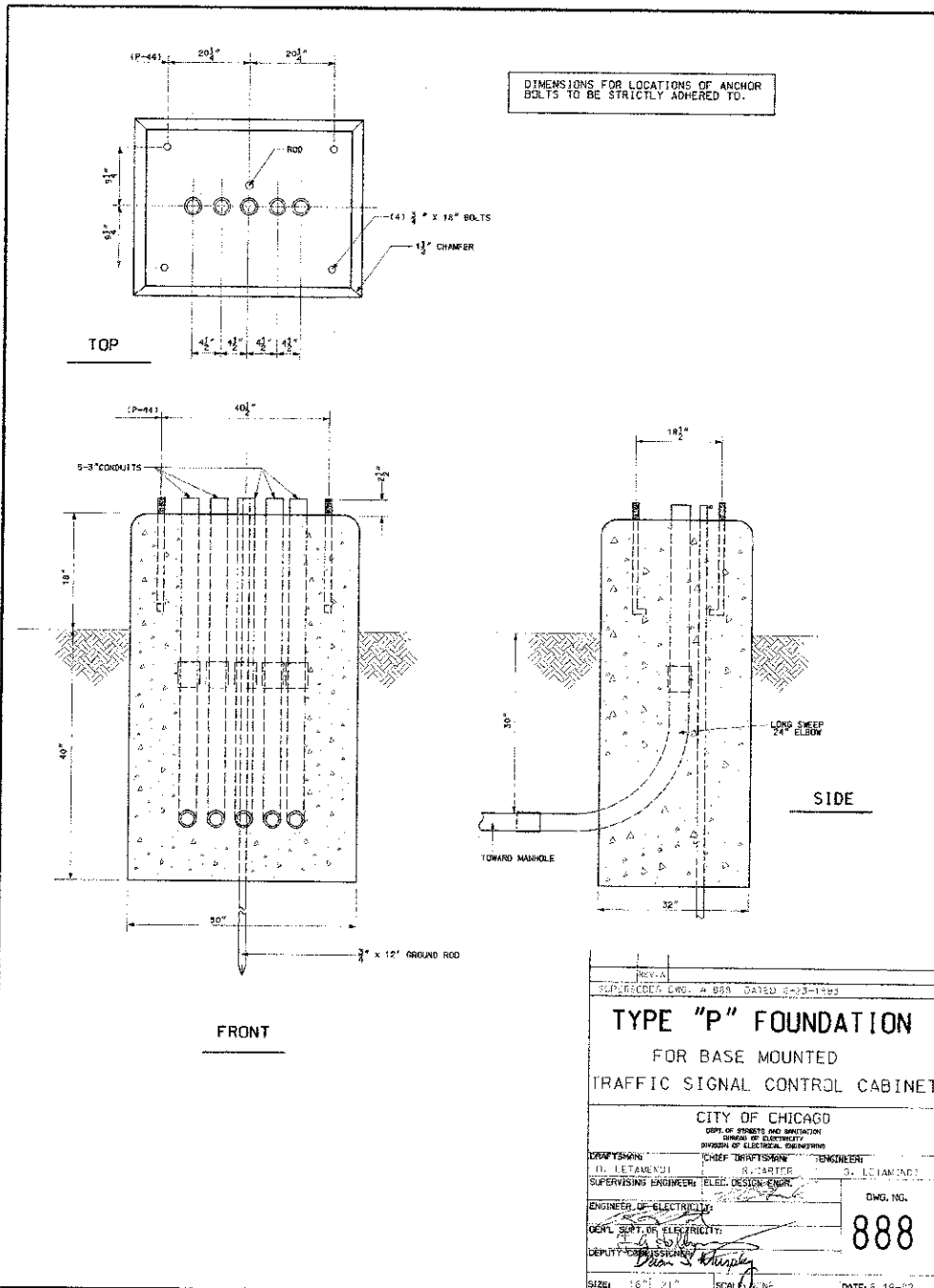
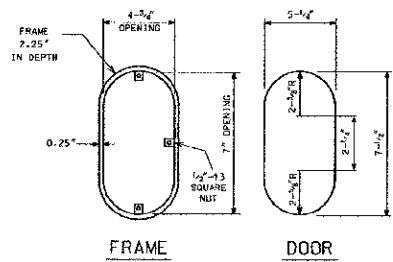
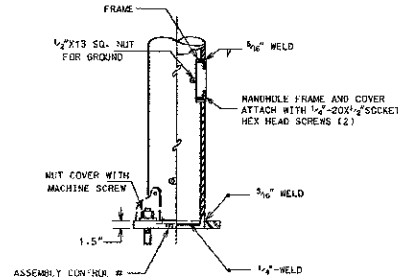
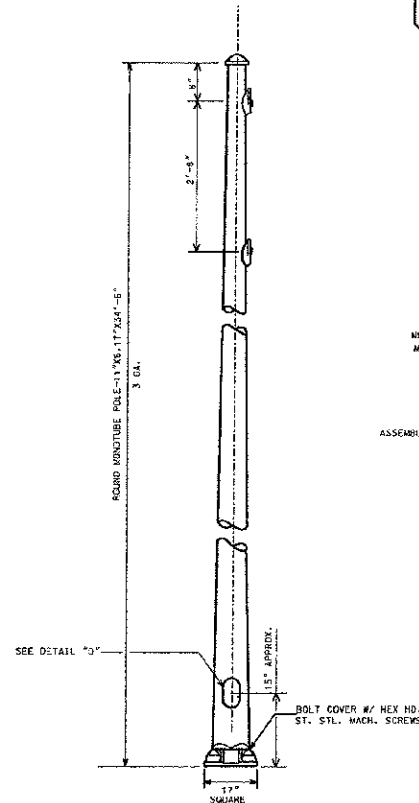
**BOE STANDARDS**

SCALE: NTS SHEET NO. 7 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-85159-00-TL	COOK	62	45
CONTRACT NO. 63715				
ILLINOIS FED. AID PROJECT				



(2) 1/2" - 13 TAPPED HOLES



REV. A	SUPPLIES/REV. A BDR DATED 8-23-11
<b>TYPE "P" FOUNDATION</b>	
FOR BASE MOUNTED TRAFFIC SIGNAL CONTROL CABINET	
CITY OF CHICAGO	
DEPT. OF STREETS AND SANITATION DIVISION OF ELECTRICITY	
DESIGNED BY: D. LETAMENDI	CHECKED BY: R. CARTER
SUPERVISING ENGINEER: D. LETAMENDI	DESIGN ENGINEER: R. CARTER
ENGINEER OF ELECTRICITY: D. LETAMENDI	DWG. NO. 888
DEPT. OF ELECTRICITY: D. LETAMENDI	DATE: 8-19-11
SIZE: 16" X 21"	SCALE: AS SHOWN

FILE NAME =	DESIGNED -	REVISED -
..NrpIn-REC-BOE-std-87.dgn	DRAWN -	REVISED -
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PLOT DATE = 7/2/2012	DATE = 7/2/2012	REVISED -



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

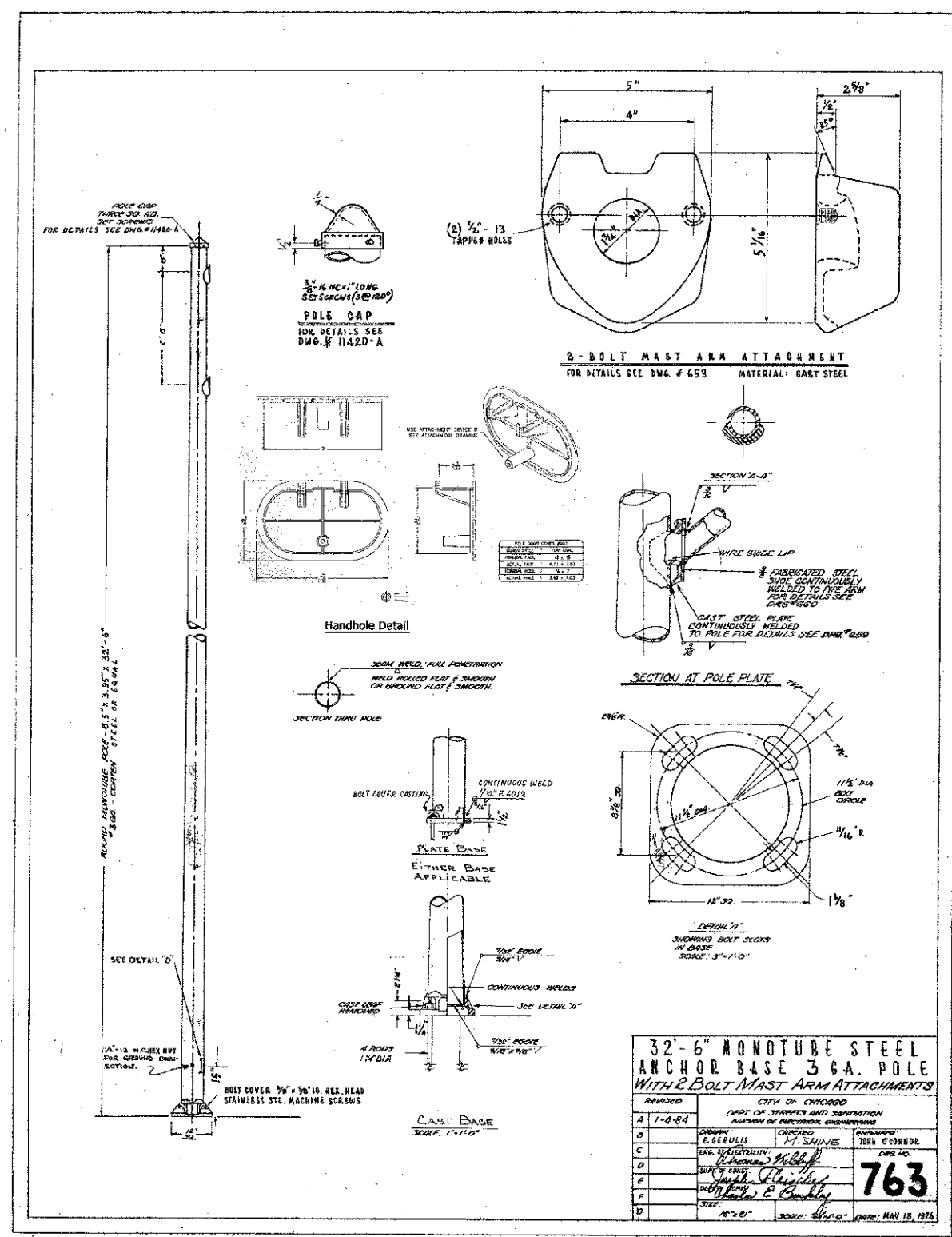
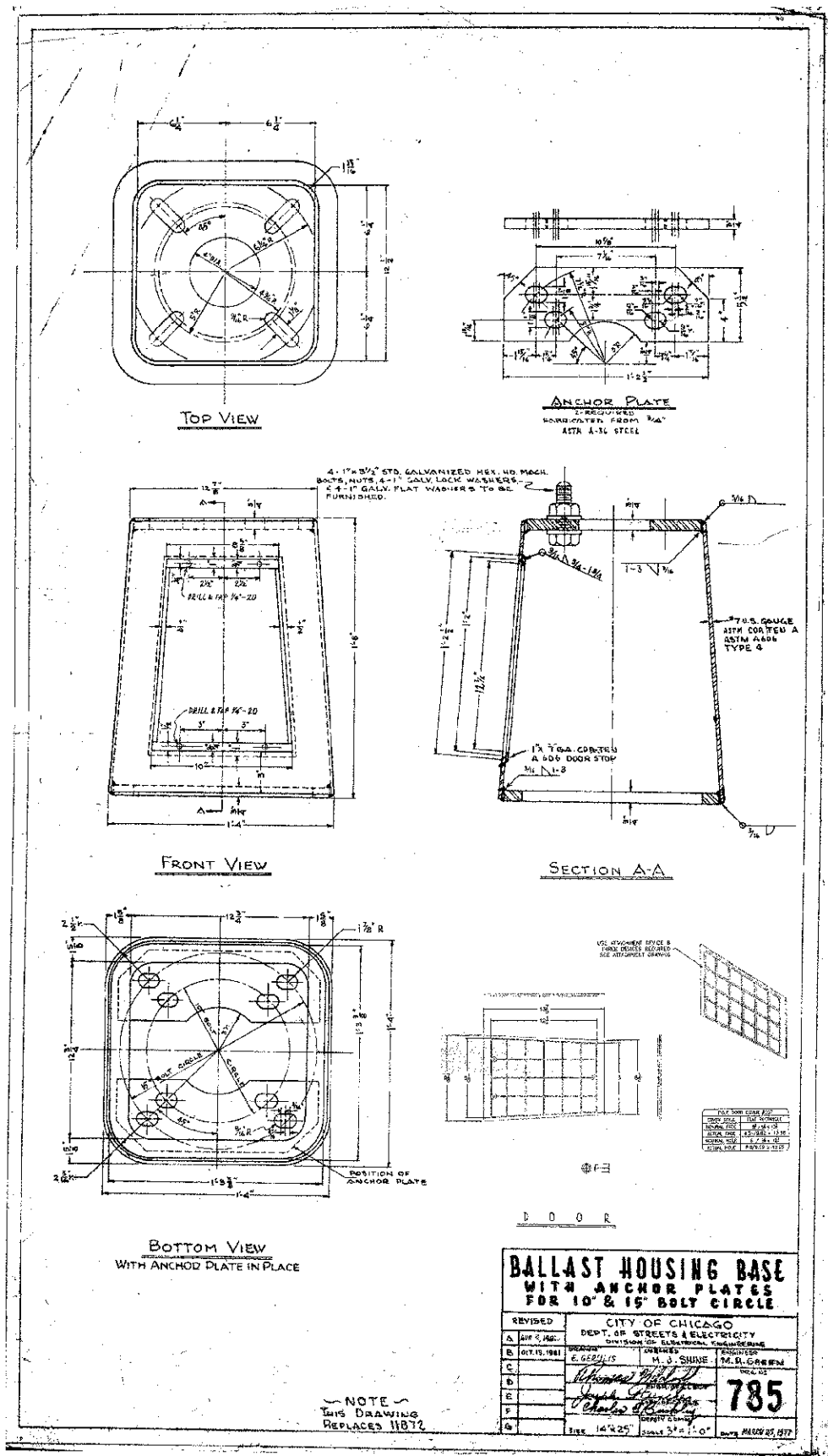
BOE STANDARDS

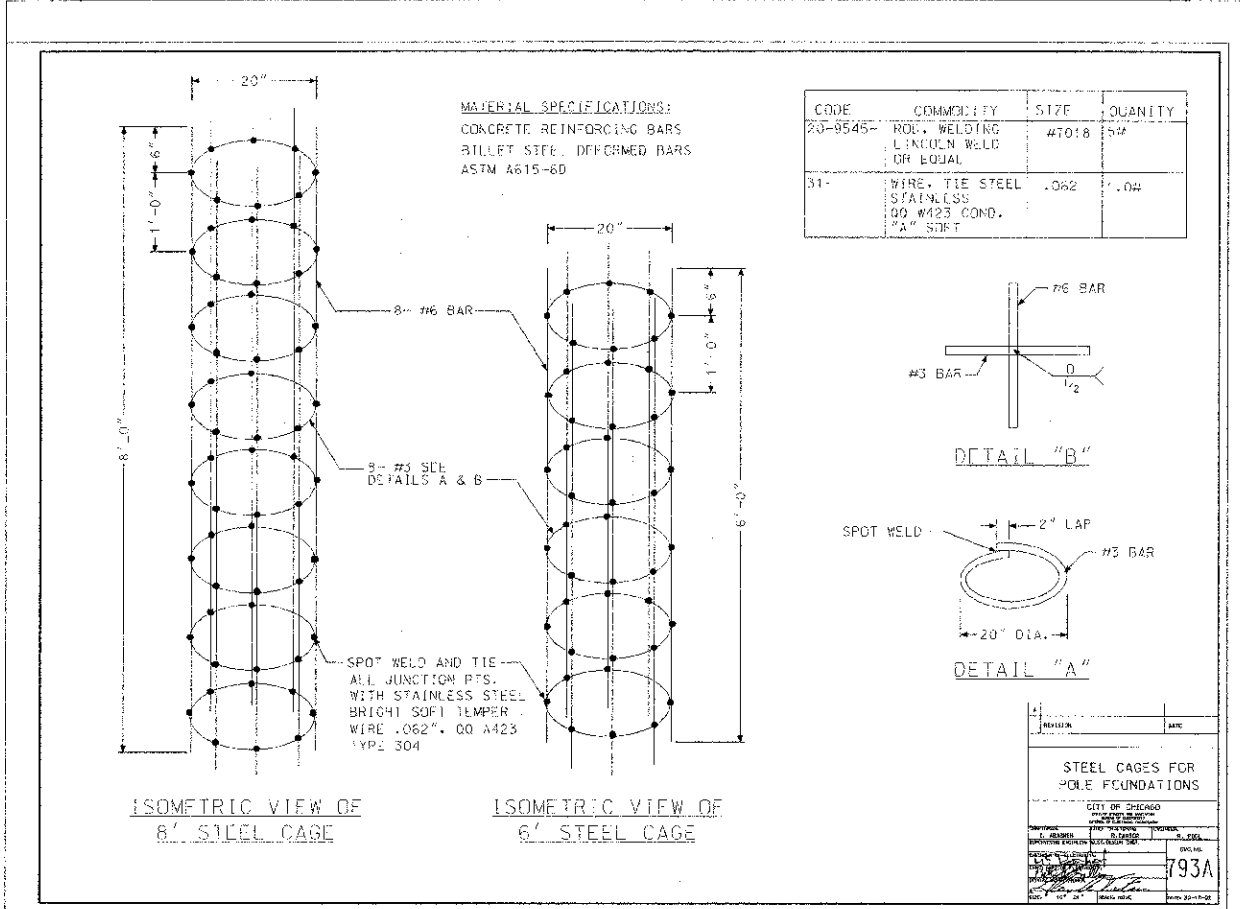
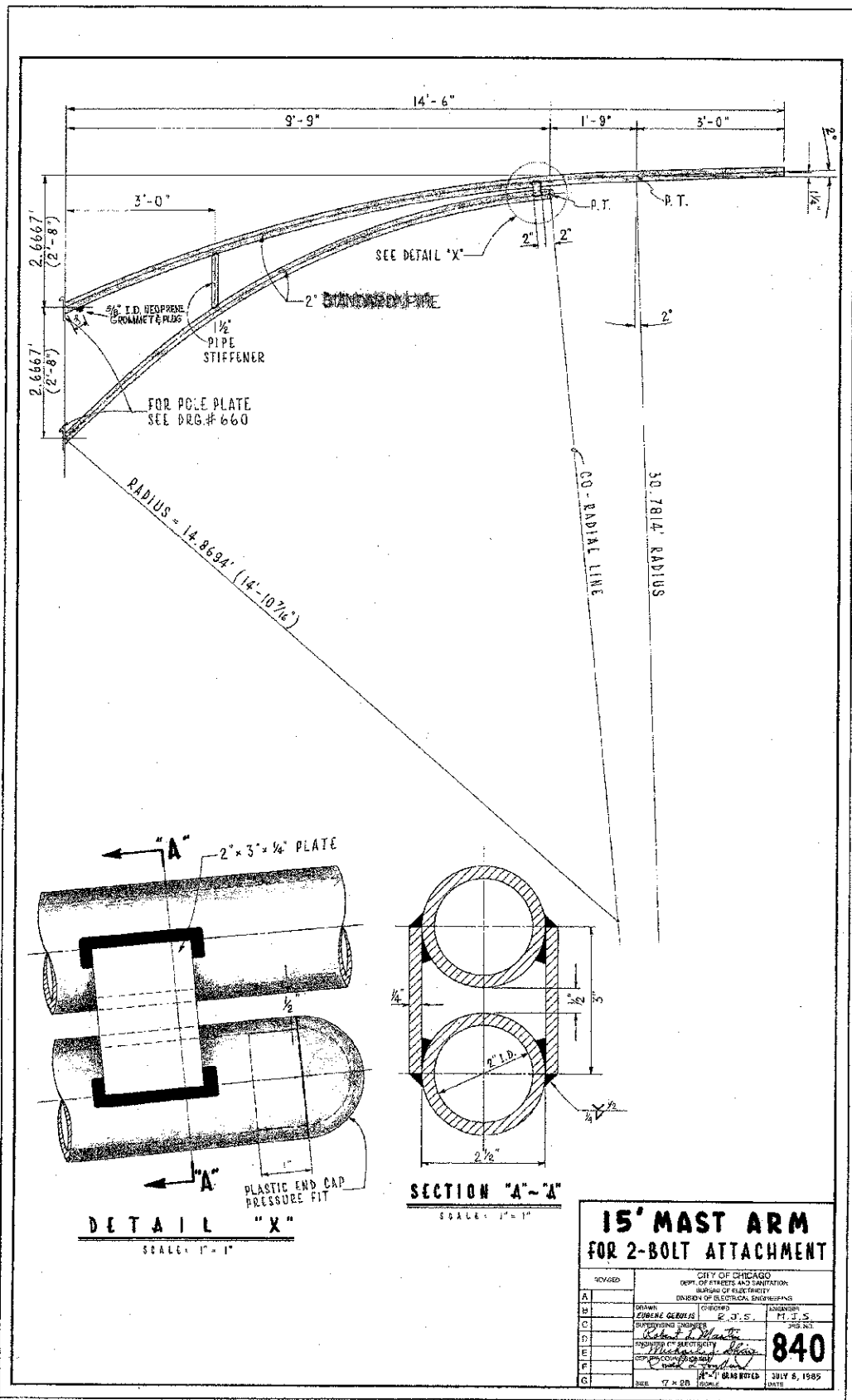
SCALE: NTS SHEET NO. 8 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	46
CONTRACT NO. 63715			ILLINOIS FED. AID PROJECT	









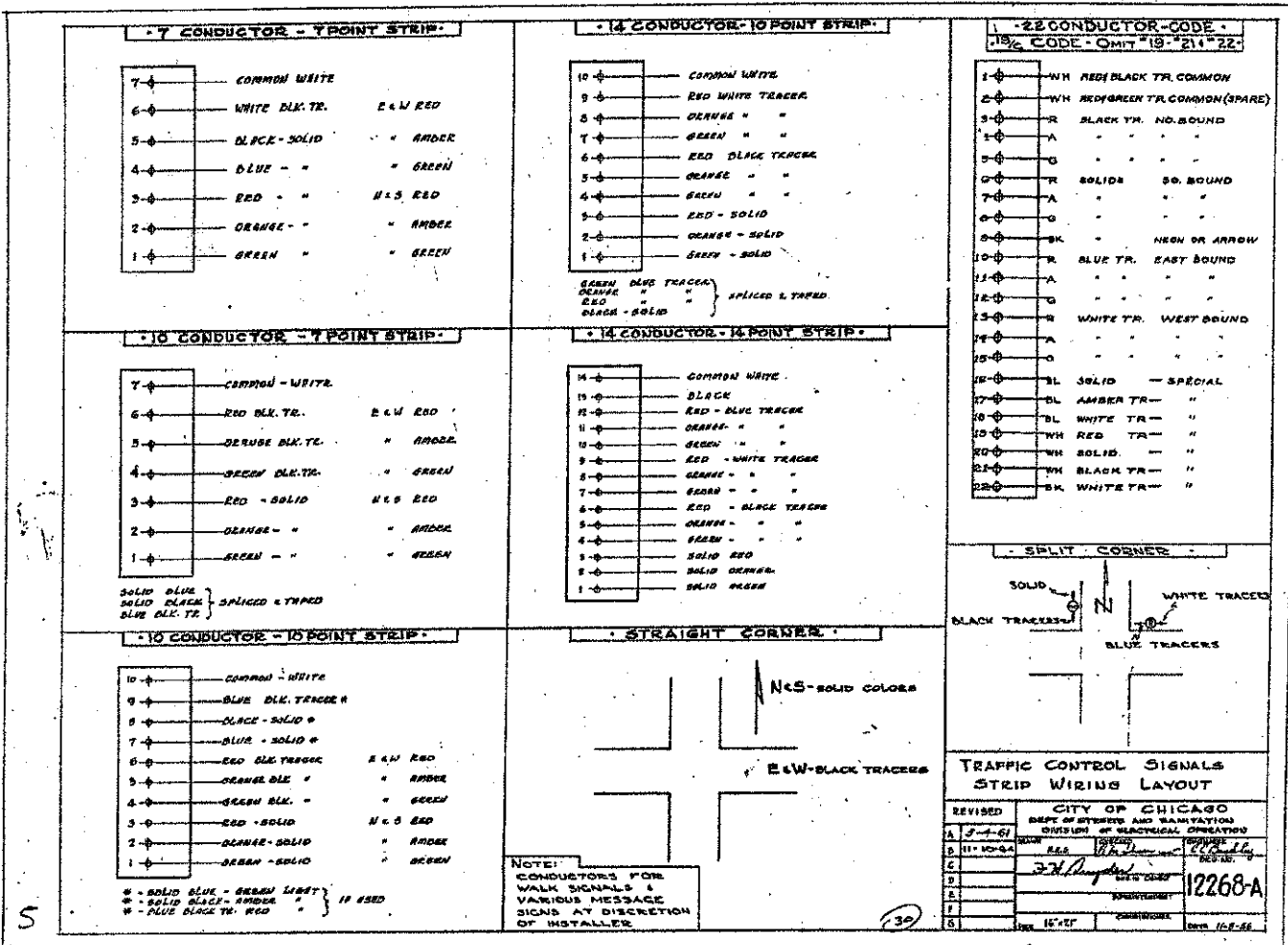
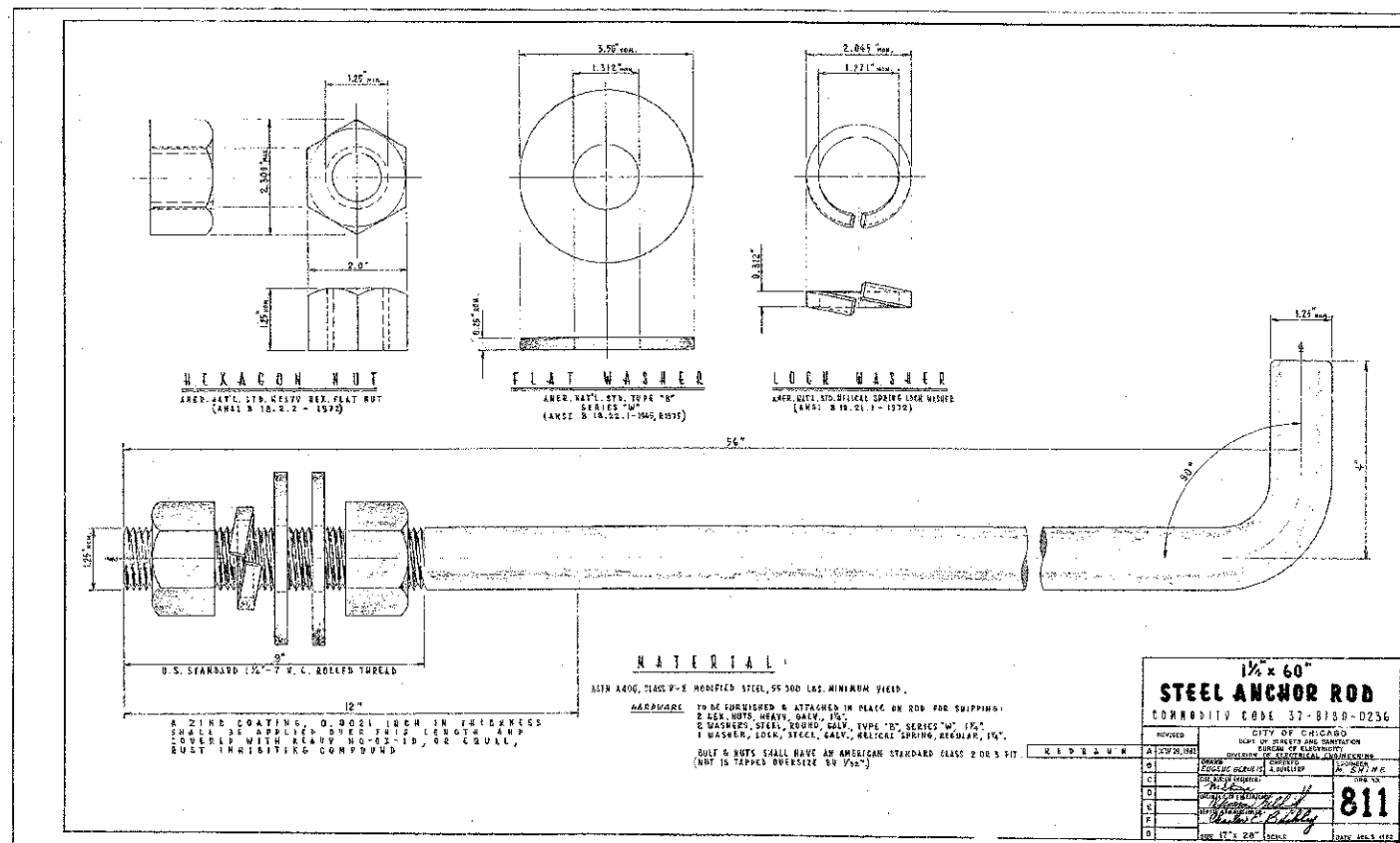
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PLOT DATE = 7/2/2012	CHECKED -	REVISED -
	DATE - 7/2/2012	REVISED -

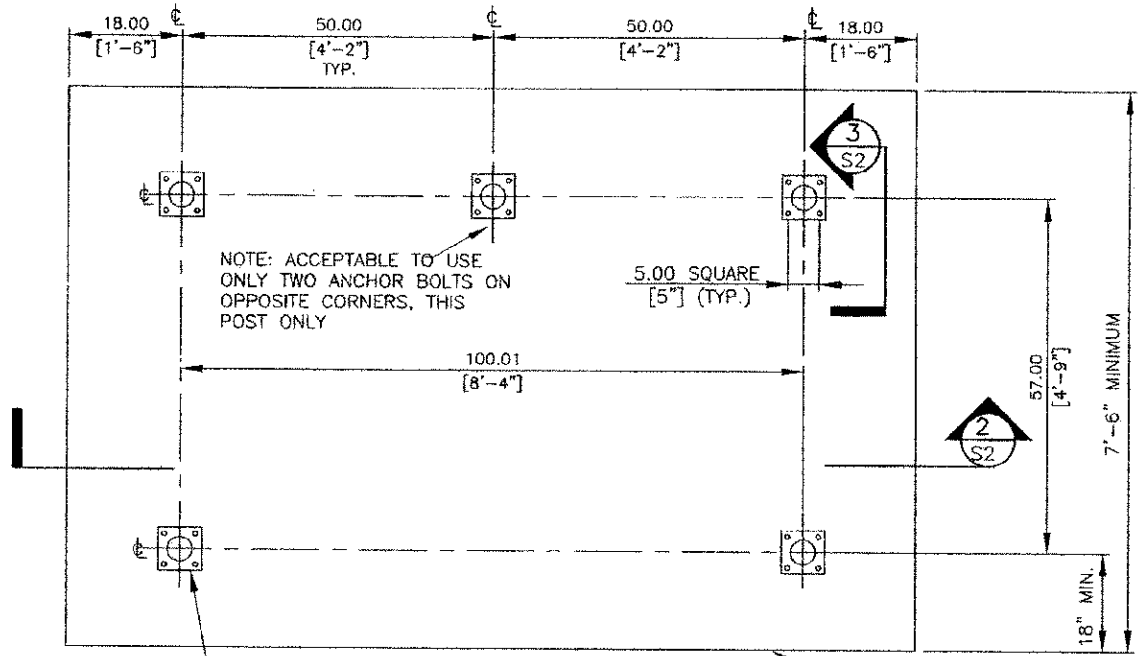


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BOE STANDARDS  
SCALE: NTS SHEET NO. 11 OF 12 SHEETS STA. TO STA.

F.A.J. RTE. 2865	SECTION 10-BS159-00-TL	COUNTY COOK	TOTAL SHEETS 62	SHEET NO. 49
CONTRACT NO. 63715				
ILLINOIS FED. AID PROJECT				





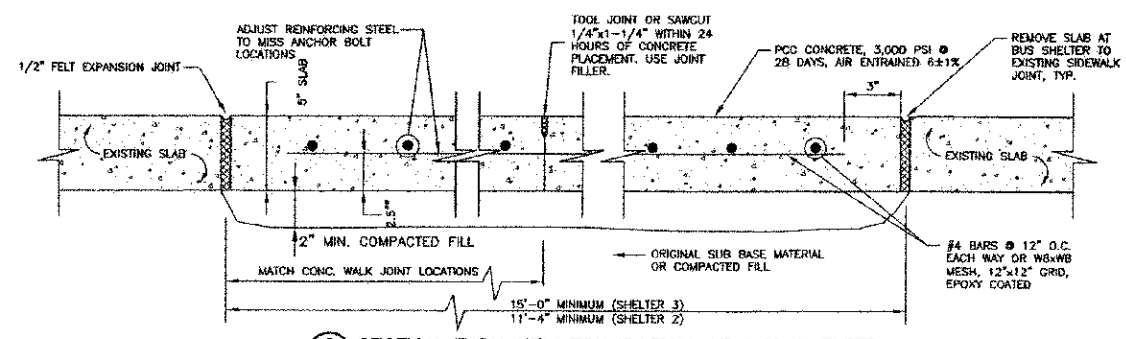
NOTE: ACCEPTABLE TO USE ONLY TWO ANCHOR BOLTS ON OPPOSITE CORNERS, THIS POST ONLY

5.00 SQUARE [5"] (TYP.)

(4) HILTI HIT HY 150 EPOXY SET ANCHORS, 5/8" Ø STD, 4" MIN. EMBED (PULLOUT LOAD = 2787#)

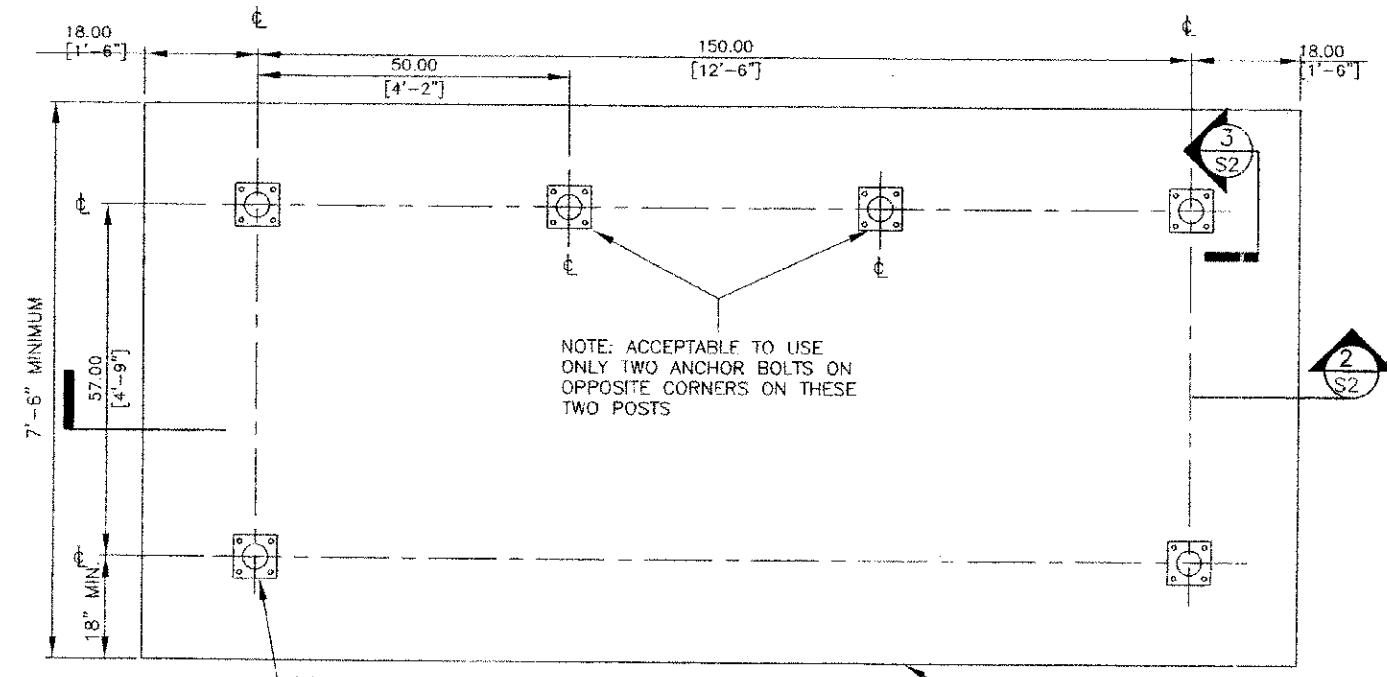
5" THICK, 7'-6"x11'-4" MIN. REINFORCED SIDEWALK. MATCH EXISTING SIDEWALK JOINT LOCATIONS

1 DETAIL OF PLAN VIEW W/POST LOCATIONS FOR BUS SHELTER 2  
SCALE: 1"=1'



2 SECTION THRU NEW FOUNDATION AT BUS SHELTER  
SCALE: 3"=1'

NOTE: ANCHOR BOLT PLACEMENT AS SHOWN IN DETAIL 3 ON SHEET S2.

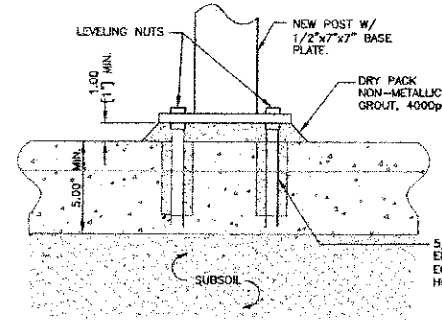


NOTE: ACCEPTABLE TO USE ONLY TWO ANCHOR BOLTS ON OPPOSITE CORNERS ON THESE TWO POSTS

(4) HILTI HIT HY 150 EPOXY SET ANCHORS, 5/8" Ø STD, 4" MIN. EMBED (PULLOUT LOAD = 2787#), TYP.

5" THICK, 7'-6"x15'-6" MIN. REINFORCED SIDEWALK. MATCH EXISTING SIDEWALK JOINT LOCATIONS

4 DETAIL OF PLAN VIEW W/POST LOCATIONS FOR BUS SHELTER 3  
SCALE: 1"=1'



3 SECTION THRU NEW SLAB  
SCALE: 3"=1'

NOTE:  
ELECTRICAL FEED TO BUS SHELTERS TO ENTER THROUGH BACK CORNER POST, ONE SIDE OR THE OTHER.  
ELECTRICAL FEED TO CLIP IS IDENTICAL. PROVIDE ELECTRICAL CONDUIT IN FORMWORK BEFORE PLACING CONCRETE.

NOTE:  
SCALE NOT APPLICABLE ON REDUCED SIZE DRAWINGS

DATE	9/20/02	DATE	9/20/02	DATE	9/20/02	DATE	9/20/02
DRAWN BY	HRS	CHECKED BY	BAE	APPROVED BY	BAE	CADD	BAE

CITY OF CHICAGO  
BUS SHELTER 2&3 FOUNDATION  
FOUNDATION DETAILS & SECTIONS  
NEW SLAB ON GRADE CONDITION



STS PROJECT NUMBER	32806
STS PROJECT FILE	STS-3003.dwg
SCALE	AS SHOWN
SHEET NUMBER	S2

FILE NAME	...n\p\in\abc-bus-shelter-f\dn\det.dgn
USER NAME	tblank
PLOT DATE	7/2/2012

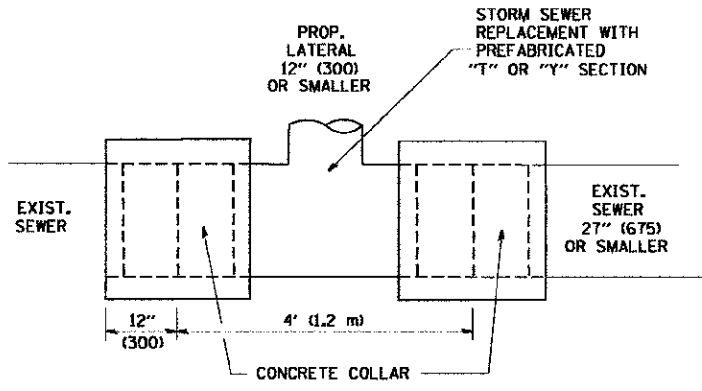
DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	1/2/2012	REVISED	-



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

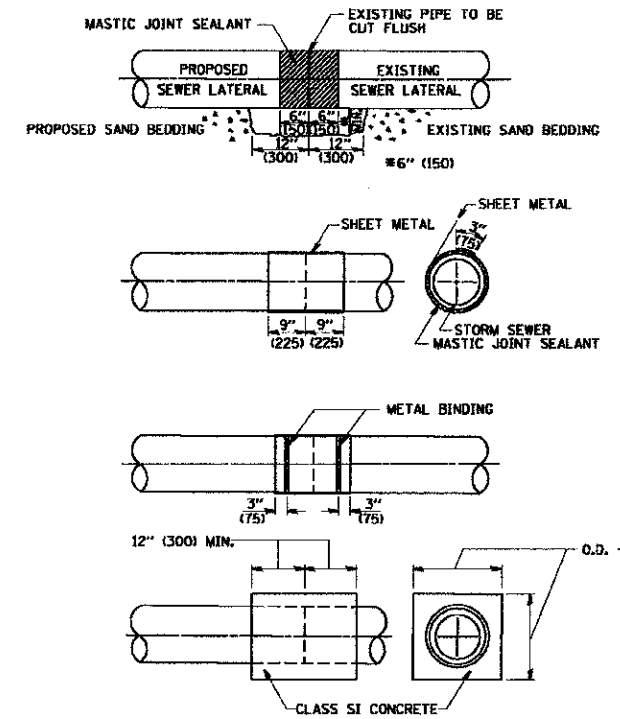
BUS SHELTER  
FOUNDATION DETAIL  
SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	10-B5159-00-TL	COOK	62	51
				CONTRACT NO. 63715
ILLINOIS FED. AID PROJECT				



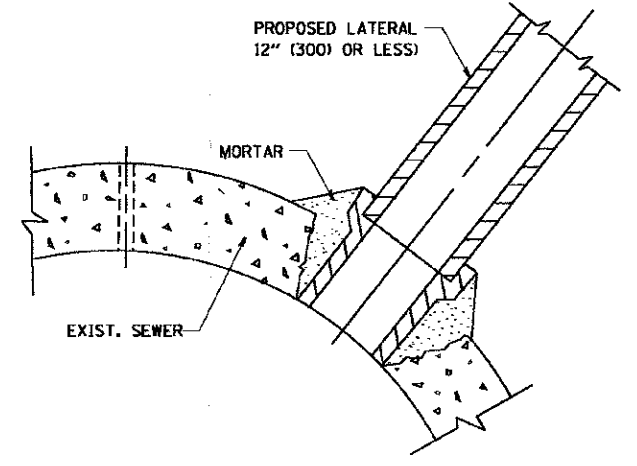
DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER



DETAIL "B"

CLASS SI CONCRETE COLLAR



DETAIL "C"

PROPOSED LATERAL CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12" x 6" (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 L1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
  - B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

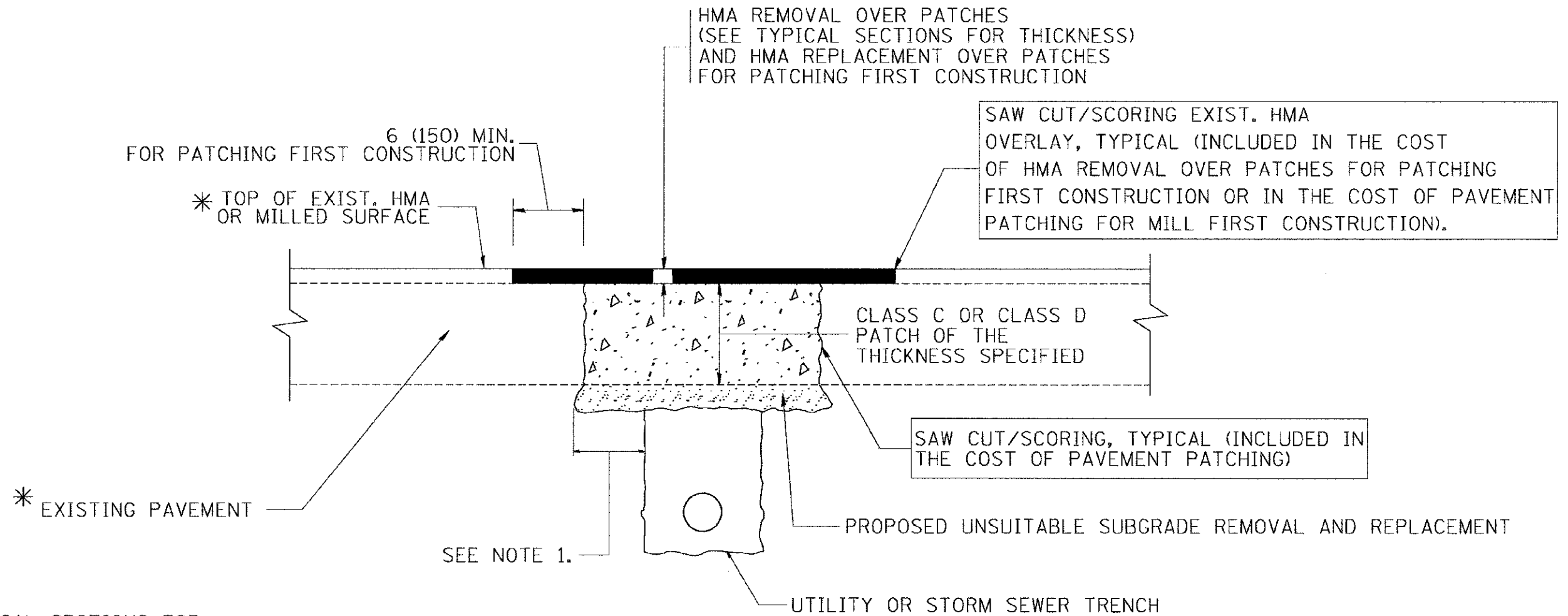
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

FILE NAME = W:\data\22x34\be07.dgn	USER NAME = geglernobt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER</b>		F.A. & RTE. = 2865	SECTION = 05-85159-00-TL	COUNTY = COOK	TOTAL SHEETS = 62	SHEET NO. = 52	
	PLOT SCALE = 80,000' / IN.	DRAWN -	REVISED - R. SHAH 09-09-94		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	<b>BD500-01 (BD-7)</b>		CONTRACT NO. 63715		
	PLOT DATE = 1/4/2000	CHECKED -	REVISED - R. SHAH 10-25-94		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
		DATE = 07-25-90	REVISED - R. SHAH 06-12-96									



\* 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.

FILE NAME =	USER NAME = bouardl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>			F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\proj\jct\dist\td22x31\td22.dgn		DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	2865	05-B5159-00-TL	COOK	62	53
		PLOT SCALE = 50.000' / IN.	REVISOR - R. BORO 09-04-07					<b>BD400-04 (BD-22)</b>		CONTRACT NO. 63715			
		PLOT DATE = 10/27/2008	REVISOR - K. ENG 10-27-08					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.

1/4" (5) \*\*

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.)

\* 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.

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 USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

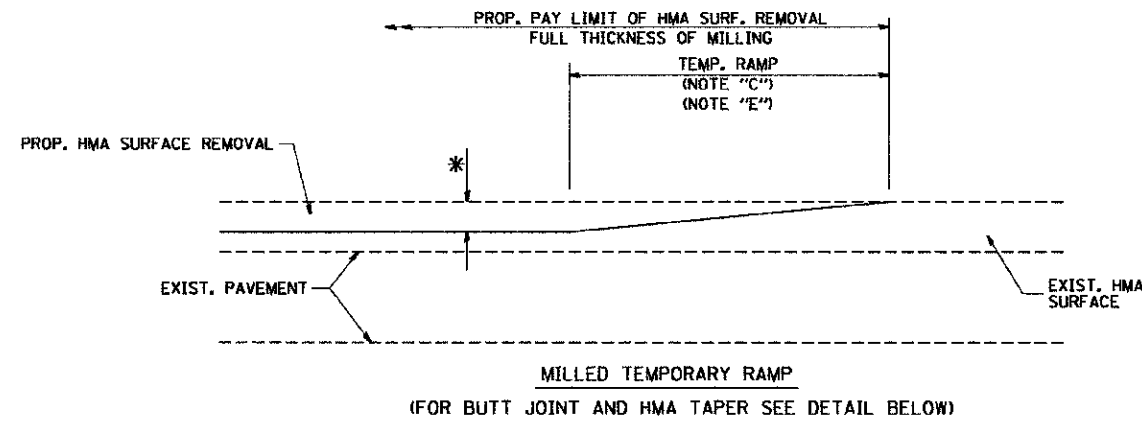
**BASIS OF PAYMENT:**

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".

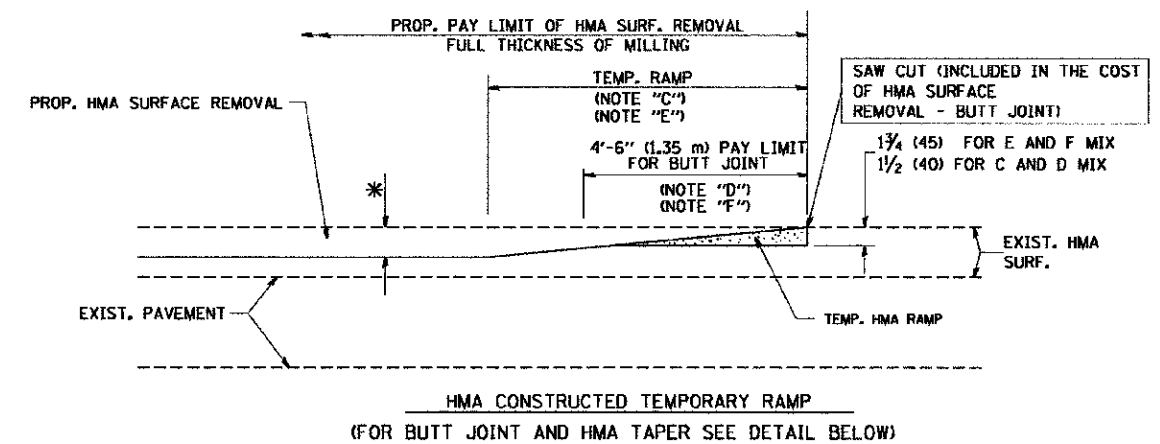
# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

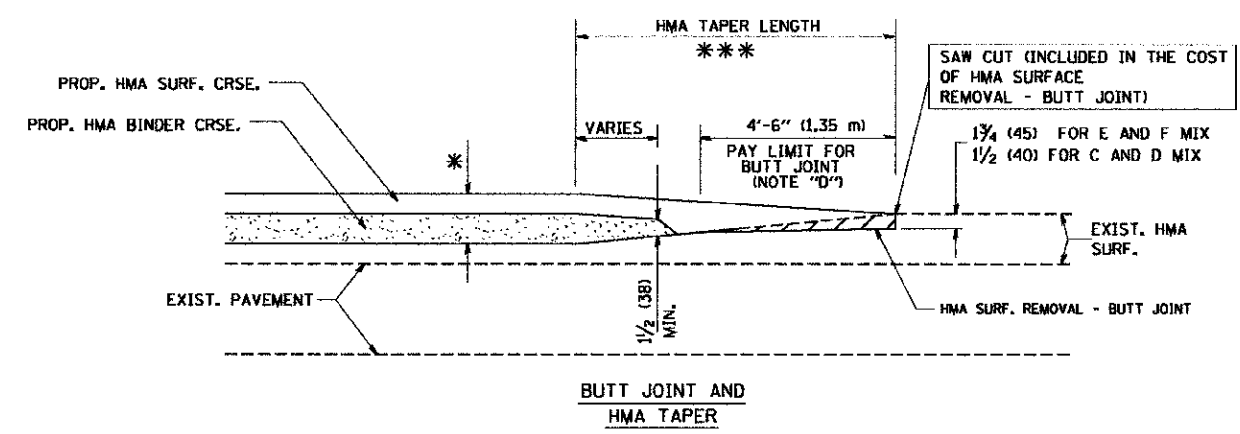
FILE NAME =	USER NAME = drvakocsp	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>	F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
na:\work\pavado\drvakocsp\03180315\03180315.dgn	DRAWN -	REVISED - A. ABBAS 03-21-97	REVISED - M. GOMEZ 01-22-01			2865	05-B5159-00-TL	COOK	62	54
PLOT SCALE = 500.000' / 1"	CHECKED -	REVISED - R. BORD 12-15-09				BD688-06 (BD-24)		CONTRACT NO. 63715		
PLT. DATE = 12/15/2009	DATE = 03-11-94					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



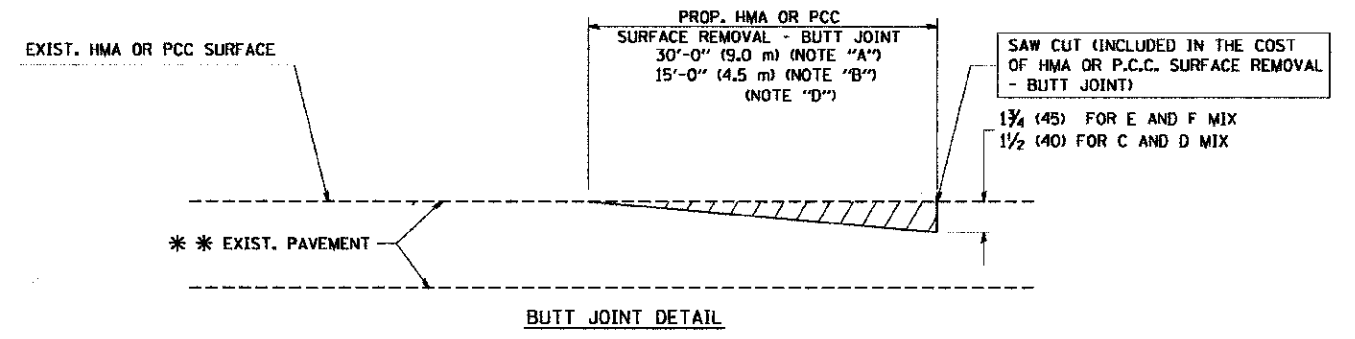
**OPTION 1**



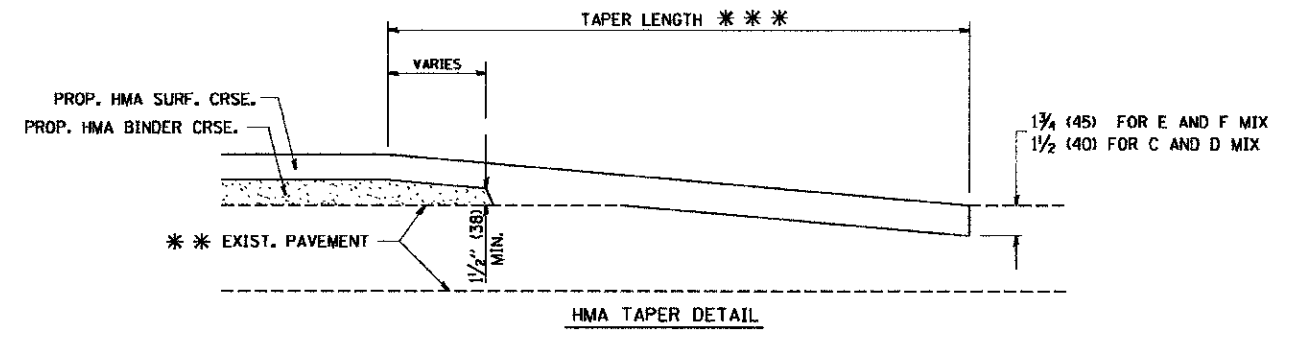
**OPTION 2**  
**TYPICAL TEMPORARY RAMP**



**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.

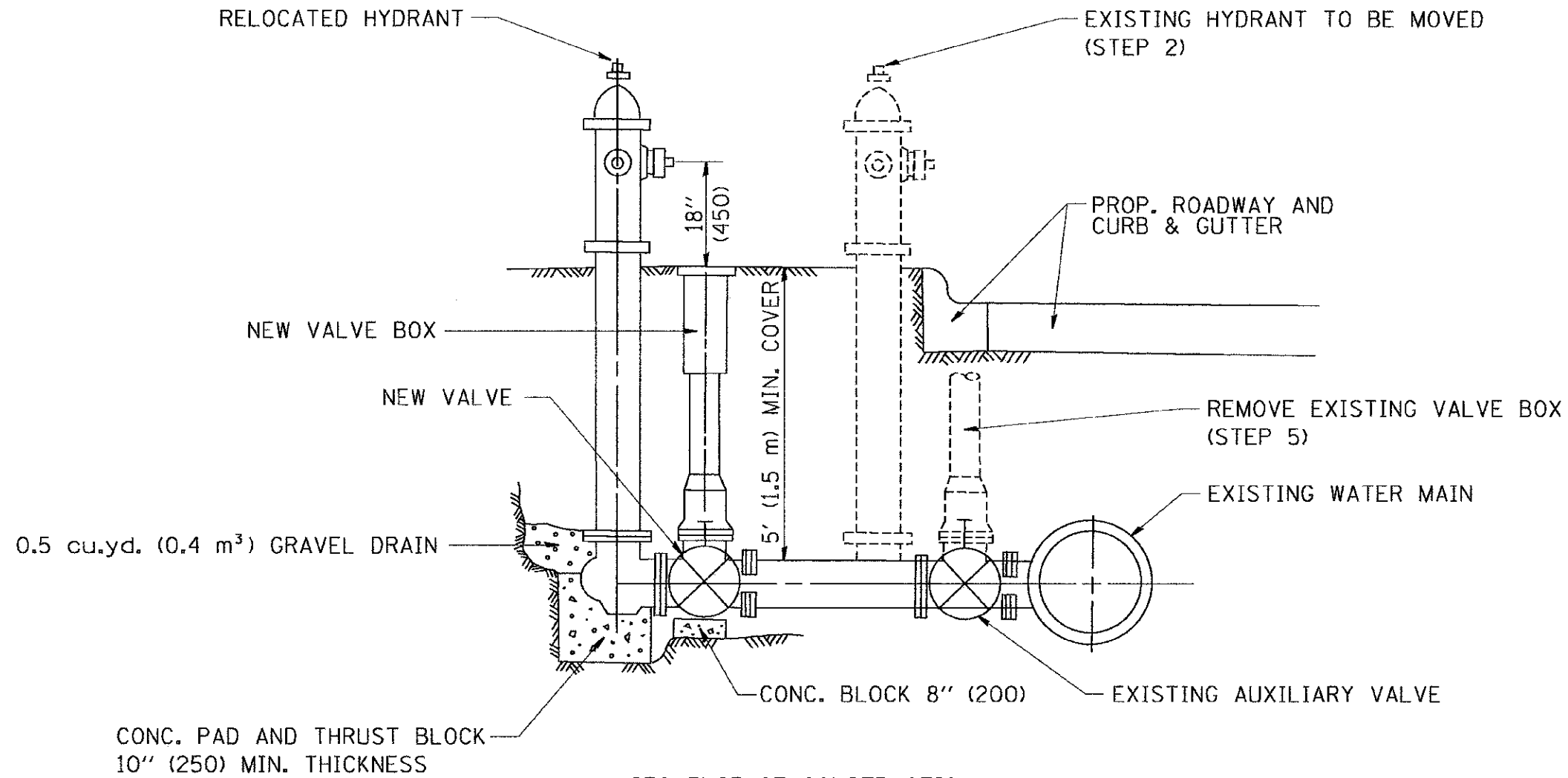
FILE NAME =	USER NAME = gog1208bt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
W:\distr\td\22x34\bd32.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 5/8"=1'-0" / 1/4" IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>BUTT JOINT AND HMA TAPER DETAILS</b>	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	05-B5159-00-TL	COOK	62	55
BD400-05 BD32		CONTRACT NO. 63715		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				





SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

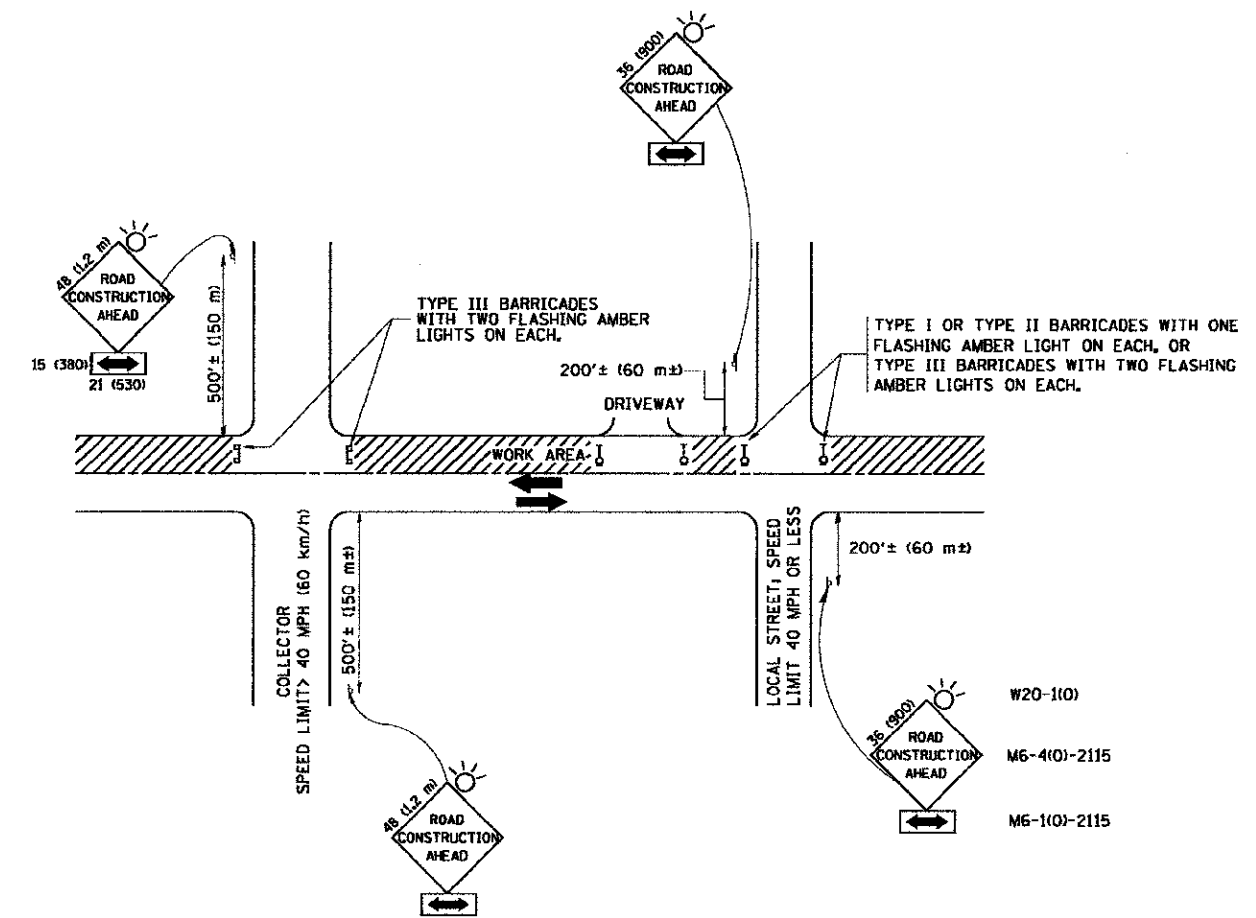
ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

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

FILE NAME = W:\vstata\22x34\hd36.dgn	USER NAME = gsglenabt	DESIGNED -	REVISED - R. SHAH 09-09-94	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FIRE HYDRANT TO BE MOVED</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED - R. SHAH 10-25-94				2865	05-B5159-00-TL	COOK	62	56
PLOT DATE = 1/4/2008	DATE -	REVISED -	REVISED -	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD-36		CONTRACT NO. 63715		
							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 (300x300) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
      - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
    2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
      - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
      - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
  - 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 

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

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

FILE NAME = W:\data\22x34\1018.dgn	USER NAME = goglenobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 60,000 // IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2000	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

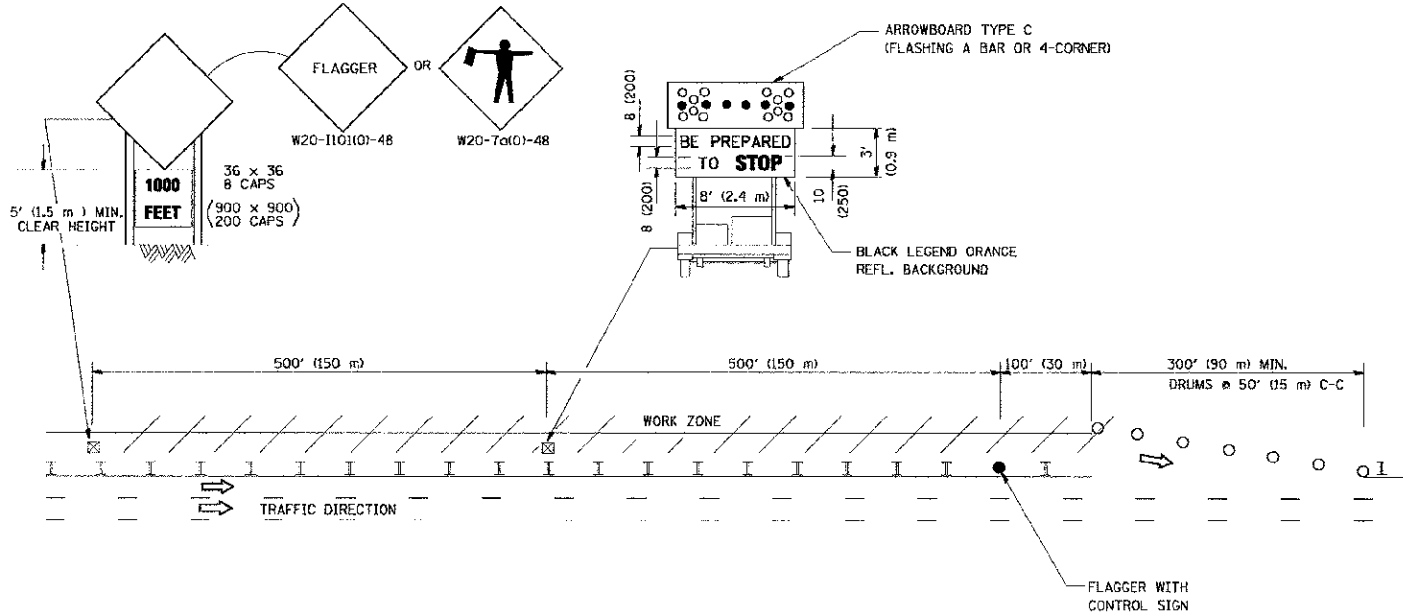
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

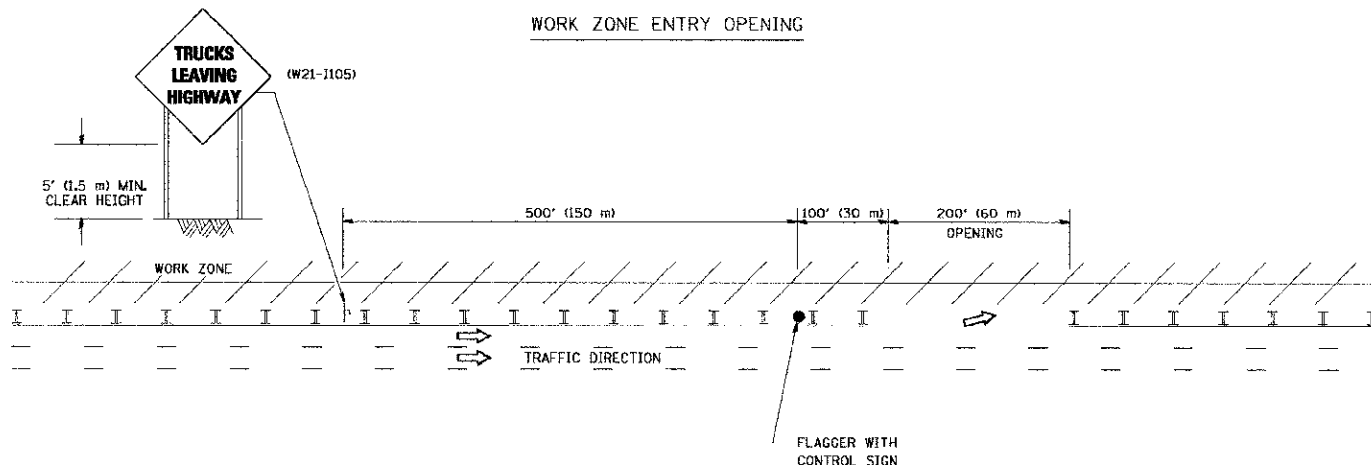
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	05-85159-00-TL	COOK	62	58
TU-10		CONTRACT NO. 63715		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



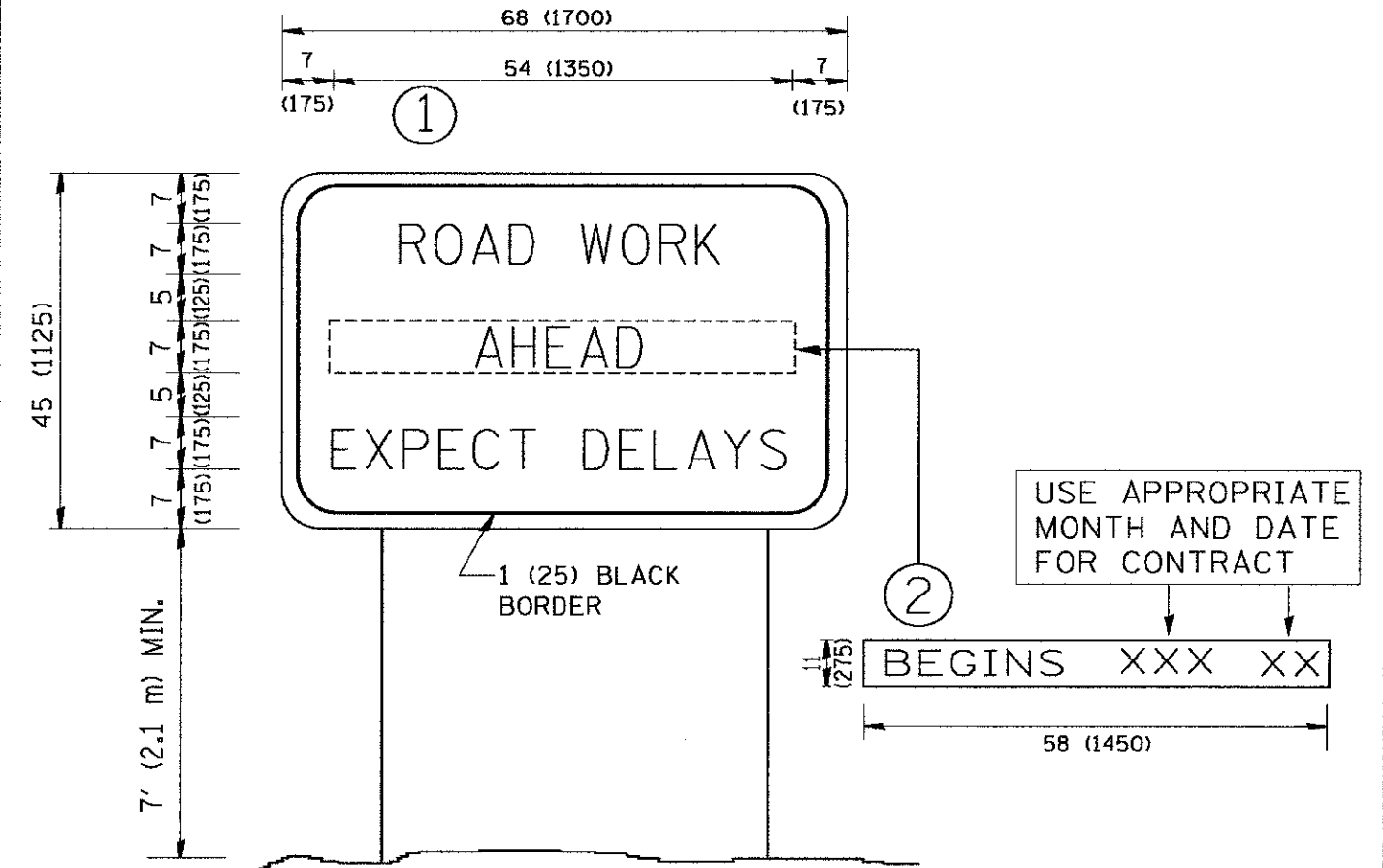
WORK ZONE ENTRY OPENING



- NOTES:
1. THE ARROWBOARD, THE FLAGGER AHEAD SIGN AND THE TRUCKS LEAVING HIGHWAY SIGN SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
  2. WORK ZONE EXIT OPENINGS SHOULD BE A MINIMUM OF ONE HALF MILE APART.
  3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
  4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME = W:\d\st\td\22x34\td18.dgn	USER NAME = lepus	DESIGNED - DRAWN -	REVISD - REVISED -	J.A.F. 04-03 J.A.F. 02-06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED - DATE -	REVISED - REVISED -	S.P.B. 01-07 S.P.B. 12-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	2865	05-B5159-00-TL	COOK	62	59
								TO STA.	<b>TC-18</b>		CONTRACT NO. 63715		
									FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

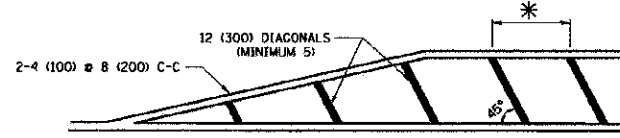
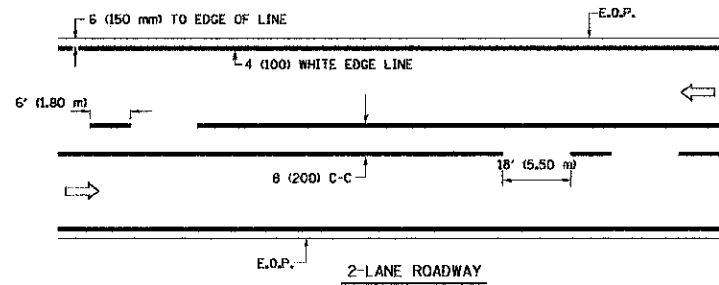


**NOTES:**

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.

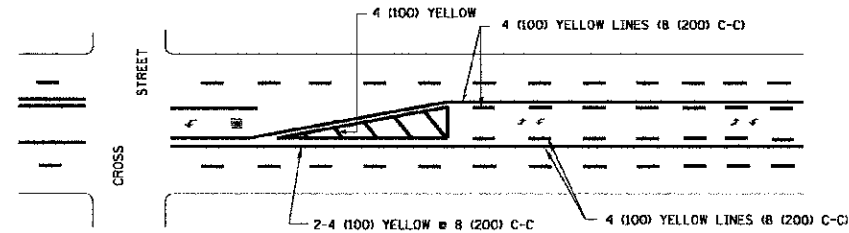
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\dists\22x34\to22.dgn	USER NAME = geglunobt	DESIGNED -	REVISED - R. MIRS 09-15-97	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARTERIAL ROAD INFORMATION SIGN</b>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		DRAWN -	REVISED - R. MIRS 12-11-97		SCALE: NONE	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.	2865	05-85159-00-TL	COOK	62	60
		PLOT SCALE = 60.000 / / IN.	CHECKED - T. RAMMACHER 02-02-99								TC-22	CONTRACT NO. 63715			
		PLOT DATE = 1/4/2008	DATE -		REVISED - C. JUCIUS 01-31-07						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



\* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.  
\* DIAGONAL LINE SPACING: 20' (6.1 m) C-C

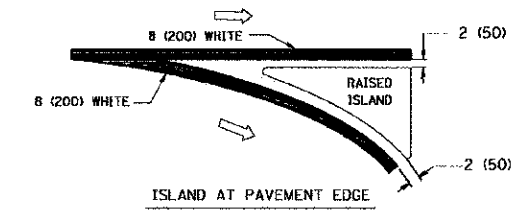
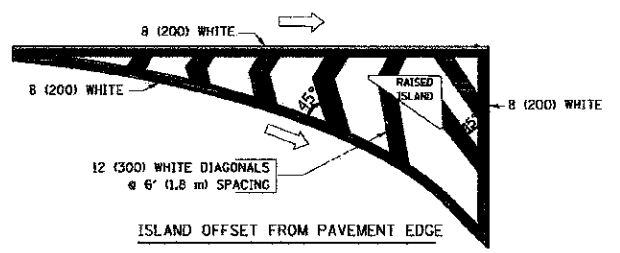
PAINTED MEDIANS



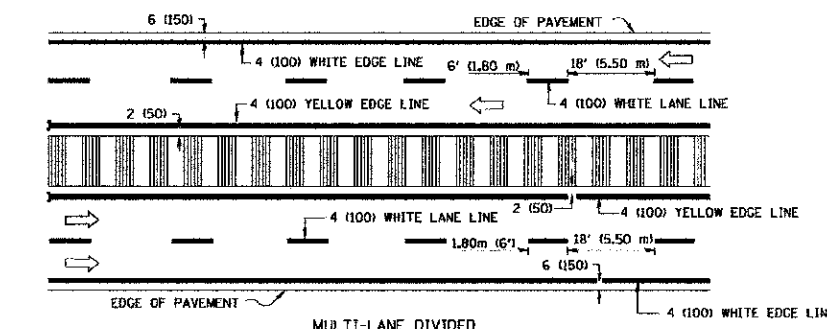
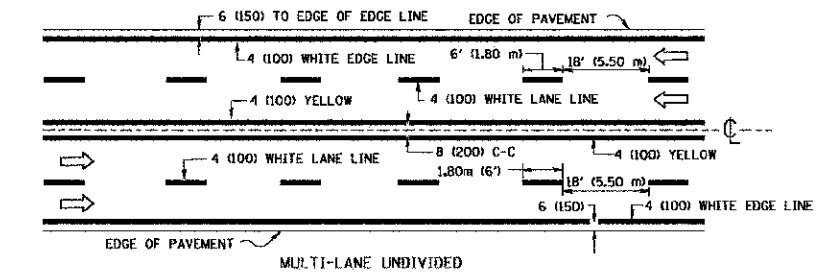
A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE  
TYPICAL PAINTED MEDIAN MARKING

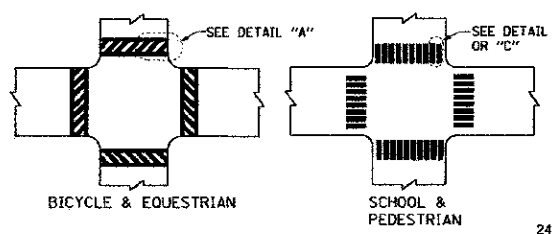


TYPICAL ISLAND MARKING

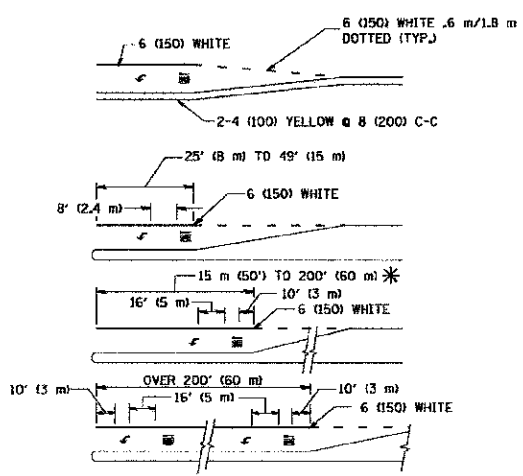


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.8 SQ. FT. (1.47 m²) AREA = 22.9 SQ. FT. (2.13 m²)  
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

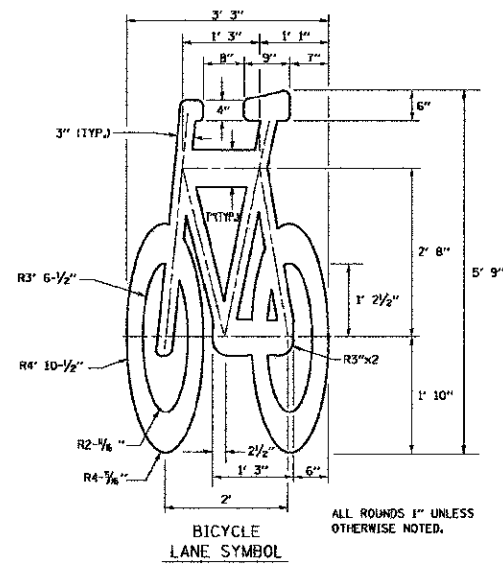
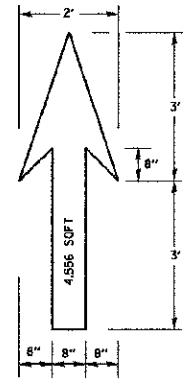
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	8 (200) C-C
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 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) 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' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL & PEDESTRIAN)	12 (300) @ 45° 24 (600) @ 90°	SOLID SOLID	WHITE WHITE	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 CROSSWALK; IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	8 (200) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 20' (6.1 m) (LESS THAN 30 MPH (50 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. (0.33m²) EACH "X"=54.0 SQ. FT. (5.0 m²)

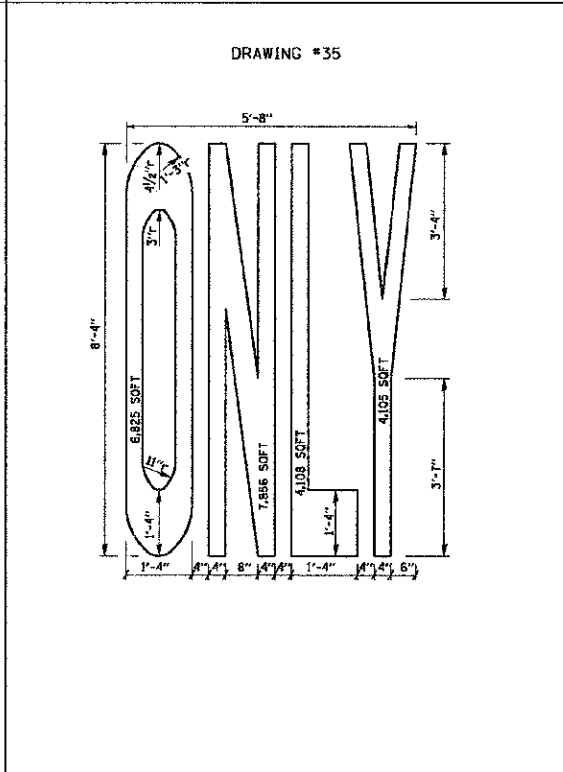
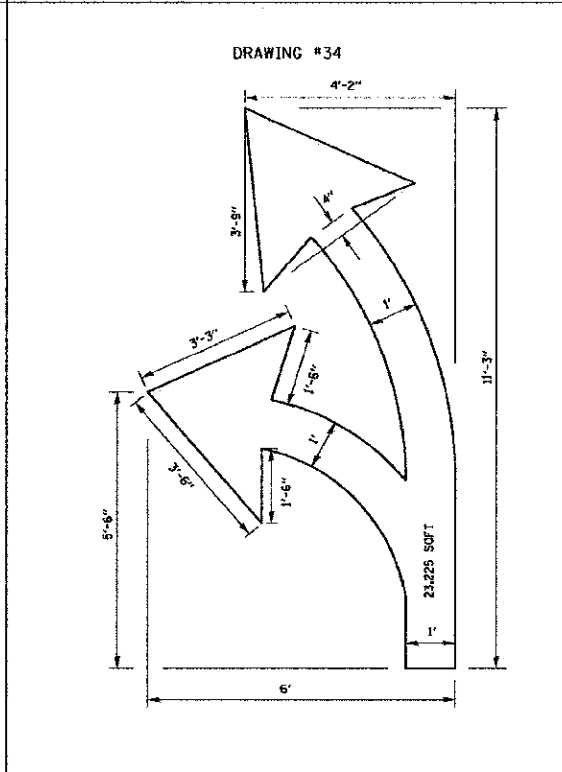
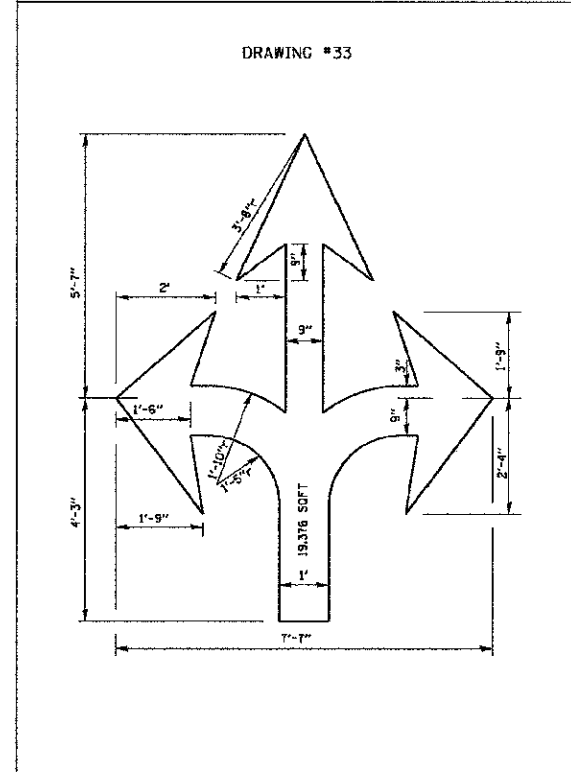
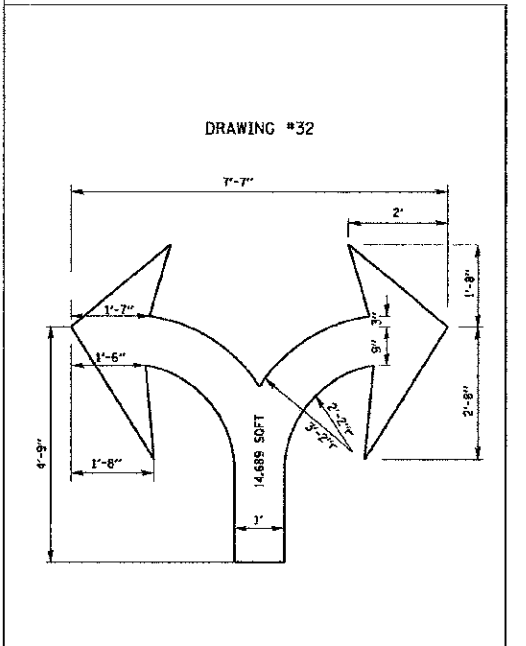
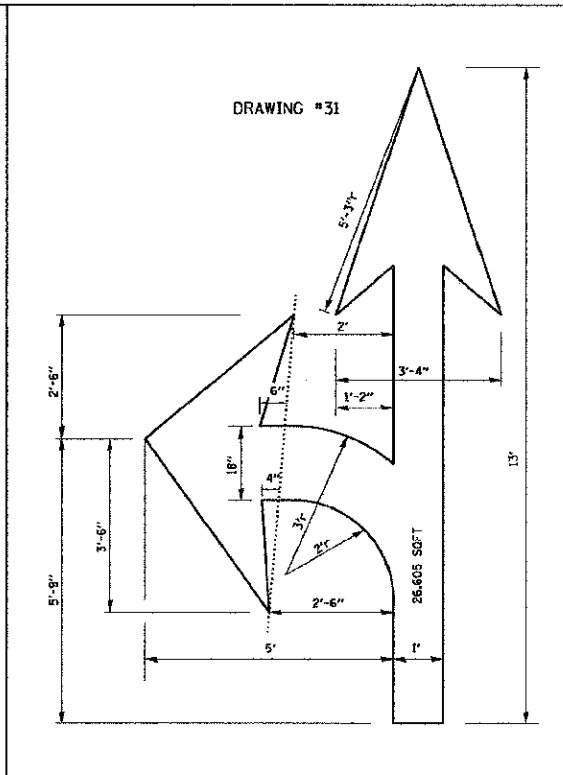
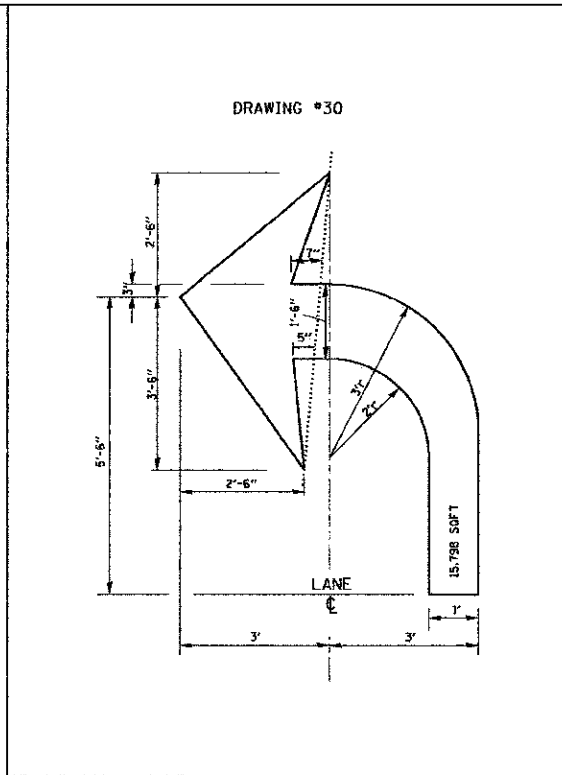
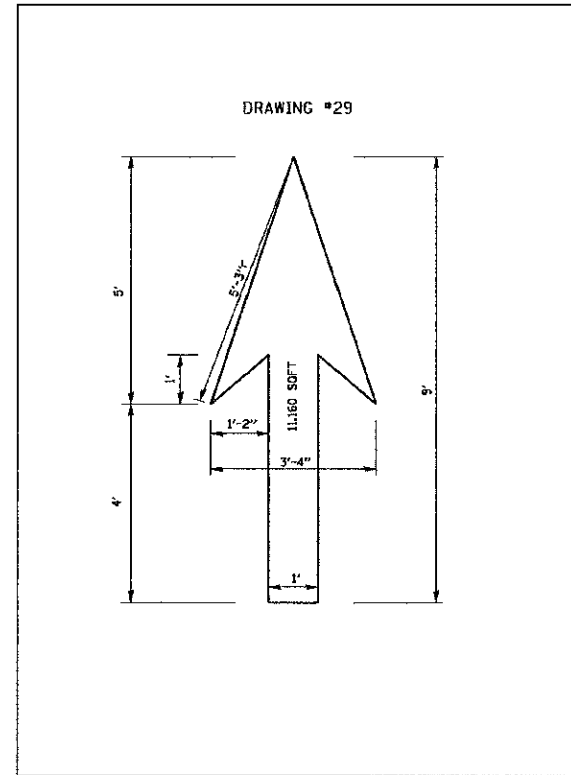
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

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



- NOTE:**
- FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.
  - THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS  
DRAWING #28



**NOTE:** ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

FILE NAME =	USER NAME = drlvakosgn	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
ca:\pwork\pwork\drlvakosgn\d21188315\24.dgn		DRAWN -	REVISED - K. ENG 02-28-12
	PLOT SCALE = 500.0000 1/1 in.	CHECKED -	REVISED -
	PLOT DATE = 3/29/2012	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO	
TYPICAL PAVEMENT MARKINGS	
SCALE: NONE	SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A. RILEY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2865	05-B5159-00-TL	COOK	62	62
TC-24			CONTRACT NO. 63715	
FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT				