

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

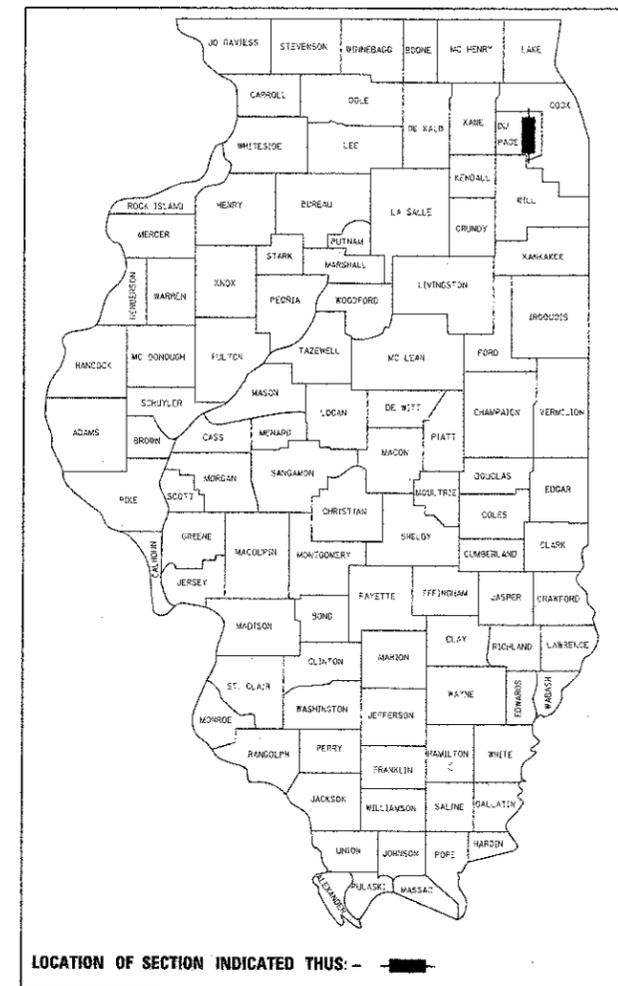
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

**FAU 1379 (FULLERTON AVENUE) AND VARIOUS ROUTES
PRESIDENT STREET TO BLOOMINGDALE ROAD AND NEAR VARIOUS SCHOOLS
TRAFFIC CALMING, INSTALLATION OF STREET SIGNS, AND PAVEMENT MARKING**

**Section No.: 12-00062-00-SP
Project No. SRTS-4009(132)
VILLAGE OF GLENDALE HEIGHTS
DUPAGE COUNTY
JOB NO.: C-91-410-12**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1379	12-00062-00-SP	DUPAGE	10	1

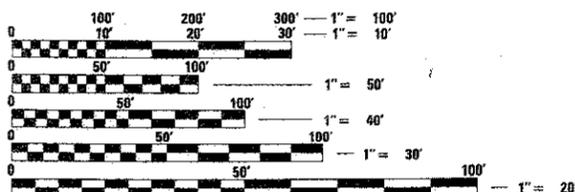
ILLINOIS FED. AID PROJECT
CONTRACT NO. 63832



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES AND HIGHWAY STANDARDS
3	SCHEDULES OF QUANTITIES
4	TYPICAL SECTIONS
5	ROADWAY PLANS
6	CONSTRUCTION DETAILS
7	SIGNAGE AND PAVEMENT MARKING LOCATION MAP
8	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
9	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

TRAFFIC DATA
CLASSIFICATION - RESIDENTIAL COLLECTOR
ADT (2011) = 6700
SPEED LIMIT = 25 MPH

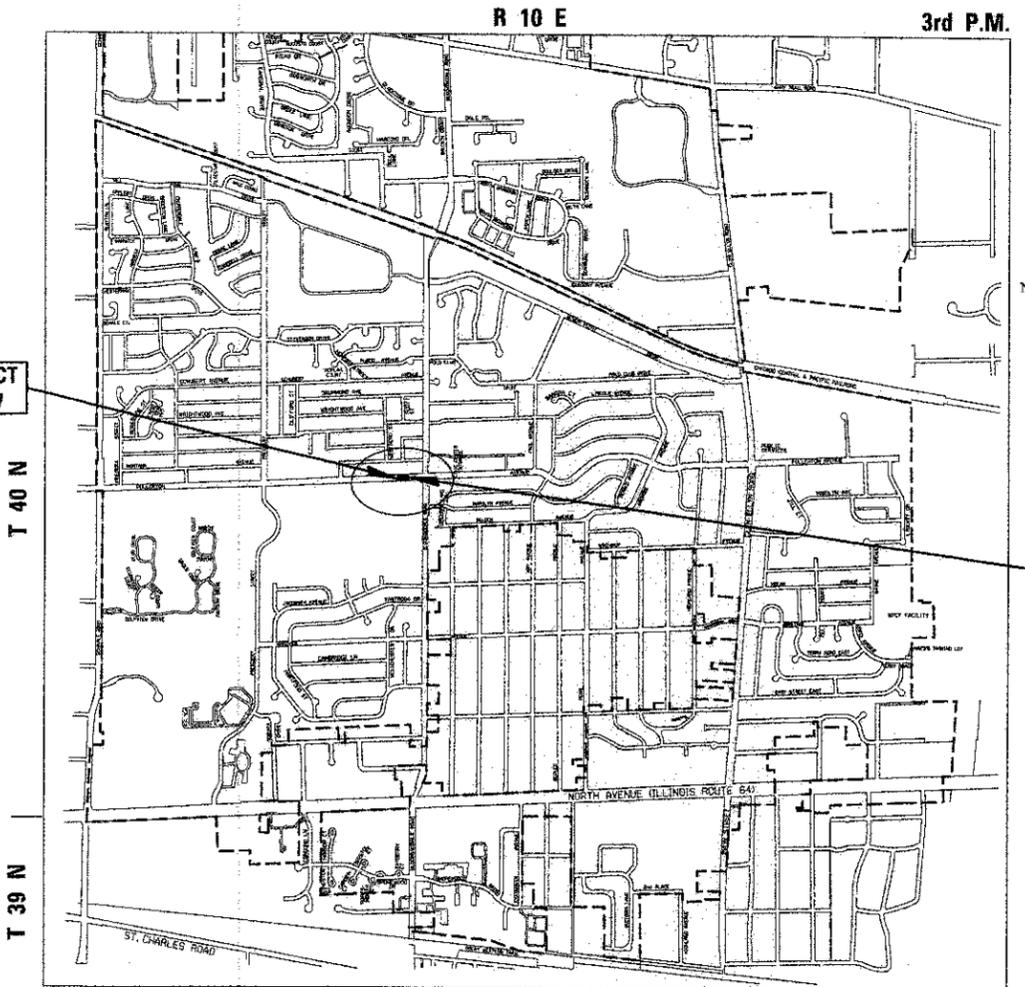


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

BEGIN PROJECT
STA. 12+42.7

END PROJECT
STA. 12+80.6



LOCATION MAP - BLOOMINGDALE TOWNSHIP
GROSS LENGTH OF PROJECT = 37.9 LINEAL FEET (0.01 MI.)
NET LENGTH OF PROJECT = 37.9 LINEAL FEET (0.01 MI.)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 3/19 20 13
Sandra Jackson MAYOR
VILLAGE OF GLENDALE HEIGHTS

PASSED APRIL 9 20 13
C. H. Holt C.J. HOYT
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW April 10 20 13
John Pufundt DEPUTY DIRECTOR OF HIGHWAYS
REGION ONE ENGINEER



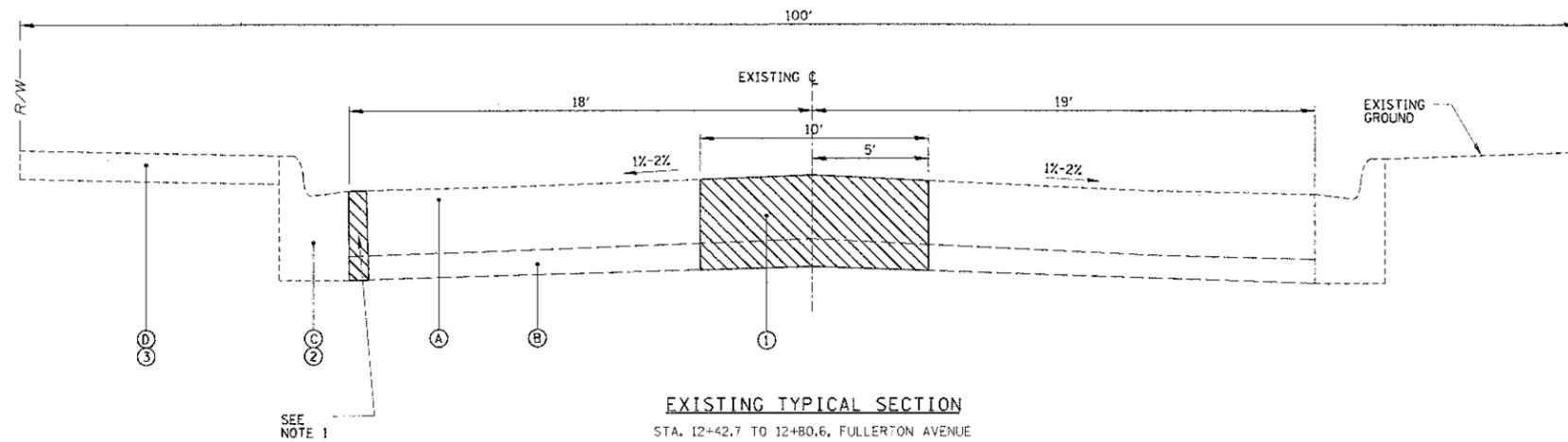
March 25, 2013
Andrew Pufundt
ANDREW M. PUFUNDT
ILLINOIS REGISTRATION NO. 062-061729 ENGINEER
EXPIRATION DATE: 11/30/13

CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018 (847) 823-0500
 PROGRAM AND OFFICE ENGINEER: CHARLES F. RIDDELE, P.E. (847) 705-4486, SCHAMBURG, IL

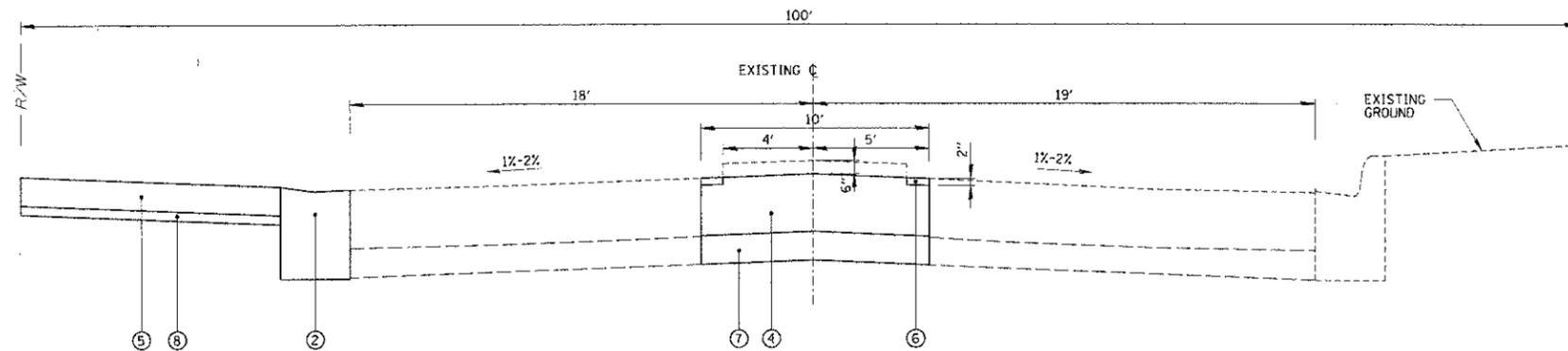
SUMMARY OF QUANTITIES

FUNDING SOURCE: SRTS - 100% FEDERAL				
	PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT	CONST. TYPE CODE 0021
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	40
	25200110	SODDING, SALT TOLERANT	SQ YD	40
	25200200	SUPPLEMENTAL WATERING	UNIT	5
	31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SQ YD	20
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	45
	40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	12
	42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	250
	* 42400800	DETECTABLE WARNINGS	SQ FT	64
	44000100	PAVEMENT REMOVAL	SQ YD	50
	44000600	SIDEWALK REMOVAL	SQ FT	250
	60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	400
	67100100	MOBILIZATION	L SUM	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
#	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	150
#	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	238
#	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1946
#	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	50
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	35
	* Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	40
	* Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	1
#	* XX006651	MEDIAN SIGN SPECIAL	EACH	10

* INDICATES SPECIAL PROVISION
INDICATES SPECIALTY ITEMS



EXISTING TYPICAL SECTION
STA. 12+42.7 TO 12+80.6, FULLERTON AVENUE



PROPOSED TYPICAL SECTION
STA. 12+42.7 TO 12+80.6, FULLERTON AVENUE

LEGEND

- (A) EXISTING ASPHALT PAVEMENT (+/- 6" TO 12")
- (B) EXISTING AGGREGATE BASE (+/- 0" TO 12")
- (C) EXISTING COMBINATION CURB AND GUTTER TYPE B-6.12
- (D) EXISTING SIDEWALK
- (1) PAVEMENT REMOVAL
- (2) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (AS DIRECTED BY ENGINEER)
- (3) SIDEWALK REMOVAL
- (4) CONCRETE MEDIAN
- (5) PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH
- (6) HMA SURFACE COURSE, MIX "D", 2 INCH
- (7) AGGREGATE BASE COURSE, TYPE B 4"
- (8) SUBBASE GRANULAR MATERIAL, TYPE B 2"

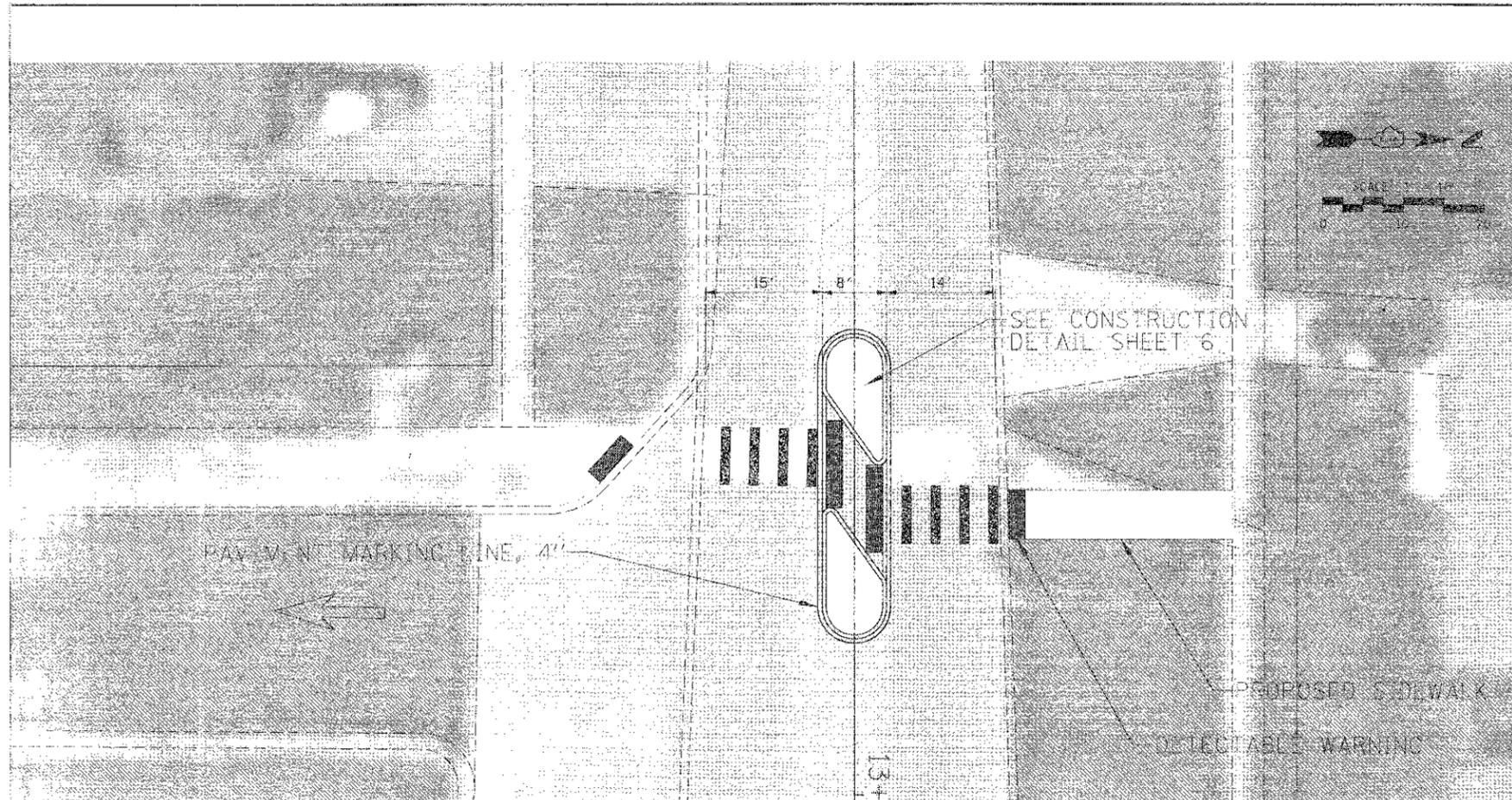
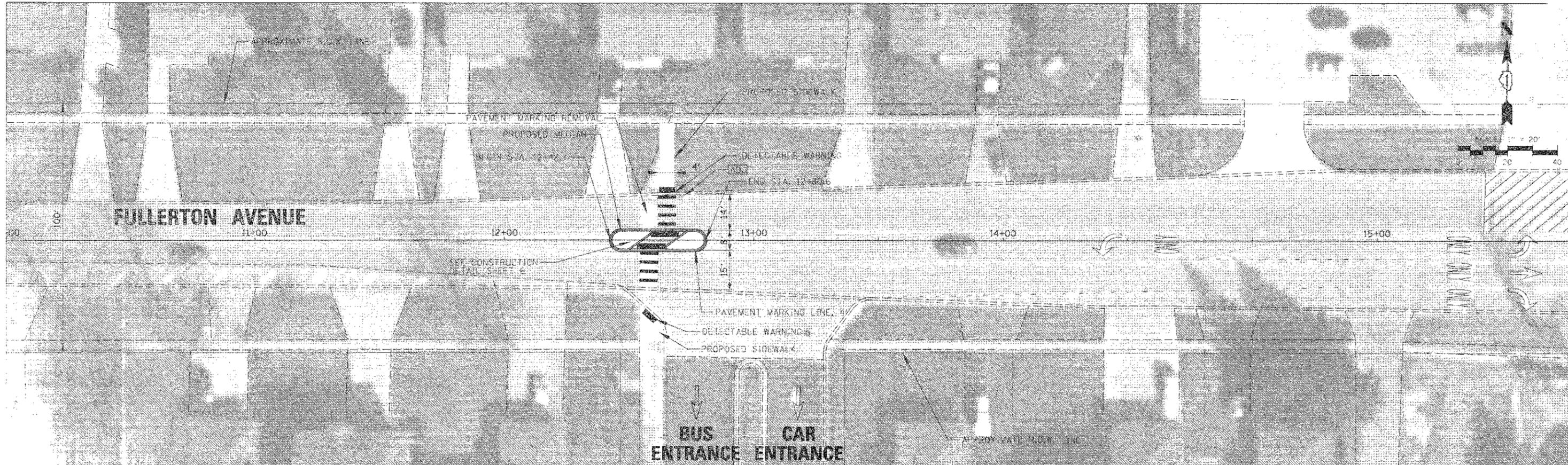
NOTES

1. ANY PAVEMENT REMOVAL REQUIRED FOR CONSTRUCTION OF COMBINATION CONCRETE CURB AND GUTTER SHALL BE REPLACED WITH P.C.C. (CLASS S1) AND SHALL BE VIBRATED IN PLACE. COST FOR PAVEMENT REMOVAL AND P.C.C (CLASS S1) SHALL BE INCLUDED IN UNIT PRICE FOR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT.
2. LAYOUT OF PROPOSED MEDIAN SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACING CONCRETE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
ITEM	AIR VOIDS AT Ndes
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 - 2" (1 LIFT)	4% @ 50 GYR

NOTE:

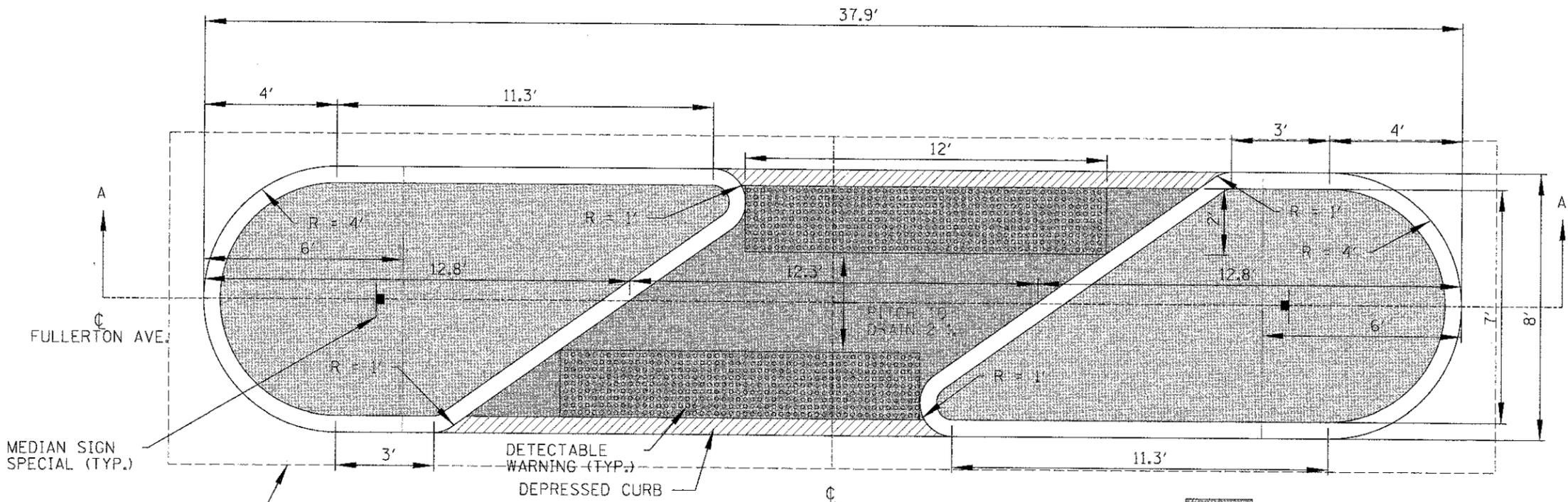
1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE IS 112 LBS/SY/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 - 22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 - 22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS, FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.



DESIGNED	AMP	REVISED		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLANS	P.A.U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN	EDT	REVISED				1378	12-00062-00 S1	DUPAGE	10	5	
CHECKED	JOS	REVISED				CONTRACT NO. 63832					
DATE		REVISED				ILLINOIS REG. #10 PROJECT					
SCALE:		SHEET NO. OF SHEETS		S.I.A.		ED S.I.A.					



MEDIAN SIGN SPECIAL

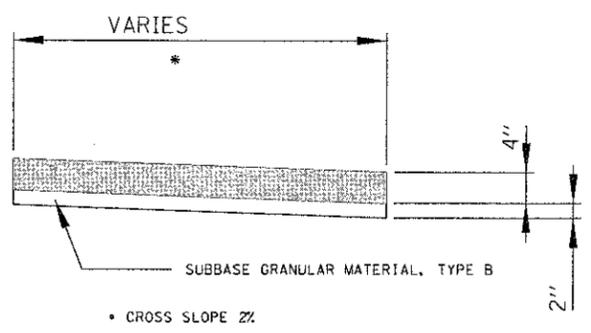


PAY LIMITS (40'x10')
FOR MEDIAN ISLAND, SB 6.12

- ADA ACCESSIBLE PATH
- MEDIAN
- DEPRESSED CURB

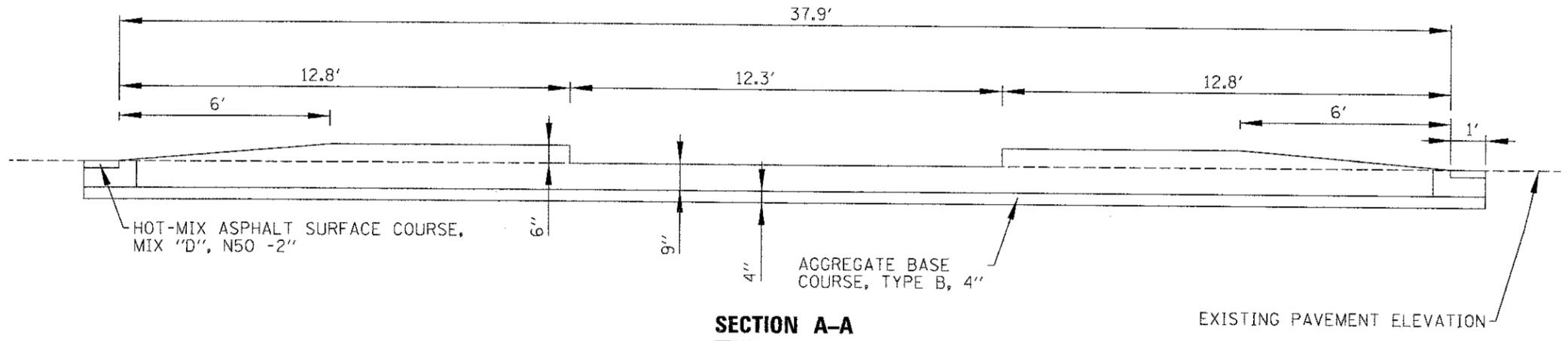
PEDESTRIAN REFUGE ISLAND DETAIL

- NOTES:
- ALL IMPROVEMENTS IN THIS ISLAND SHALL BE PAID FOR AS MEDIAN ISLAND SB6.12, EXCEPT DETECTABLE WARNINGS, AND HMA SURFACE COURSE
 - CONCRETE ON RAMPED NOSES AND ALL CONCRETE CURB SHALL BE PAINTED YELLOW (INCIDENTAL TO CONTRACT)



- NOTES:
- ALL REQUIRED EARTH EXCAVATION TO CONSTRUCT P.C.C. SIDEWALK SHALL BE INCLUDED IN THE COST FOR P.C.C. SIDEWALK.
 - WHEN FORMS ARE REMOVED FROM THE SIDEWALK EITHER THE SIDEWALK SHALL BE BARRICADED OR BACKFILLED WITHIN 24 HOURS.
 - LANDSCAPE RESTORATION SHALL CONSIST OF TOPSOIL AND SODDING AND SHALL BE PAID FOR SEPARATELY

P.C.C. SIDEWALK DETAIL



SECTION A-A

FILE NAME: \\NDL\ENCL\ENR\GIS\24225\0108\NDR15.FLT	USLR NAME: opufp.dwg	DESIGNED: AMP	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONSTRUCTION DETAILS	F.A.U. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
	CONV: 12.000	DRAWN: EDT	REVISED: -			1379	12-00962-00-SP		10	6
	PLOT SCALE: 2"	CHECKED: JGS	REVISED: -			CONTRACT NO. 63832				
	PLOT DATE: 4/3/2013	DATE: -	REVISED: -			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

18" (450) MAX.

EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

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.

UNUSABLE 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).

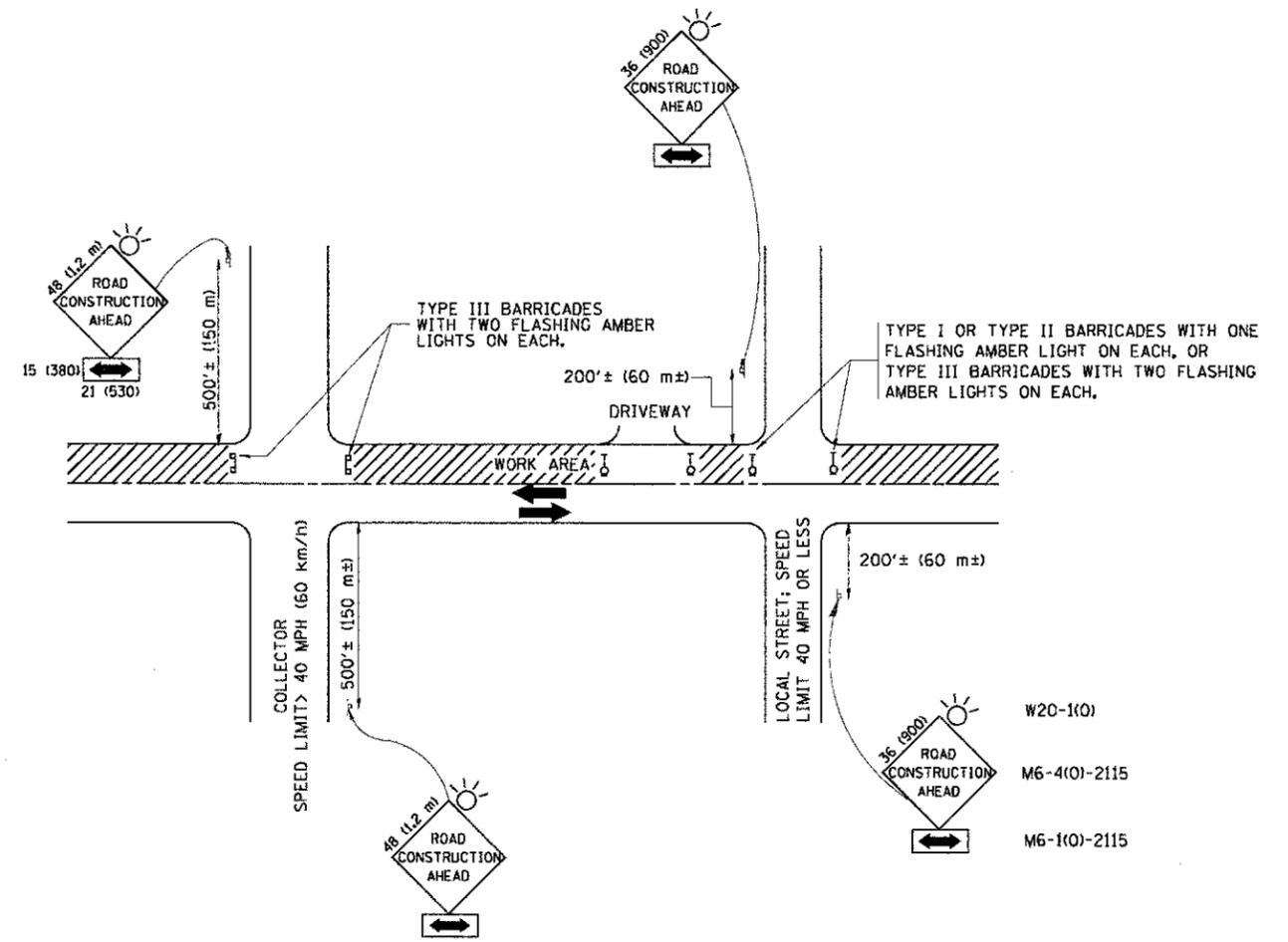
BASIS OF PAYMENT:

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 =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	
01\p\work\pavdot\dr\work\eng\rd\120315\24.dgn	driva@ogn	A. HOUSEH	R. SHAH 10-03-96			1379	12-00062-00-SP	DUPAGE	10	8
PROJECT =	DATE =	03-11-94	REVISED -			BD600-06 (BD-24)		CONTRACT NO. 63832		
12/15/2001	03-11-94	REVISED -	R. BORO 12-15-09			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	



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

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

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

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

FILE NAME =	USER NAME = gegljanobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95
W:\ad\stata\22x34\1010.dgn		DRAWN -	REVISED - A. HOUSEH 03-06-96
		CHECKED -	REVISED - A. HOUSEH 10-15-96
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1379	12-00062-00-5P	DUPAGE	10	10
TC-10			CONTRACT NO. 63832	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				