

SECTION	VILLAGE	TOTAL SHEETS	SHEET NO
08-00035-00-SW	WAUCONDA	9	2
ILLINOIS PROJECT: SRTS - 4008 (028)			
Summary Of Quantities, Schedule Of Quantities			
CONTRACT NO: 63262			

CODE NO.	CONSTRUCTION CODE SFTY-1B ITEM	UNIT	QUANTITY
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	Unit	12
20101700	SUPPLEMENTAL WATERING	Unit	4
20200100	EARTH EXCAVATION	Cu Yd	150
21101615	TOPSOIL FURNISH AND PLACE, 4"	Sq Yd	425
25000100	SEEDING, CLASS 1	Acre	0.087
25100125	MULCH METHOD 3	Acre	0.087
31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	Ton	100
35101400	AGGREGATE BASE COURSE, TYPE B	Ton	20
40600200	BITUMINOUS MATERIALS (PRIME COAT)	Ton	0.10
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	Ton	3.0
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	Ton	3.0
42001300	PROTECTIVE COAT	Sq Yd	430
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	Sq Yd	20
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	Sq Ft	3785
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	Sq Ft	810
42400800	DETECTABLE WARNINGS	Sq Ft	54
44000200	DRIVEWAY PAVEMENT REMOVAL	Sq Yd	120
44000300	CURB REMOVAL	Foot	273
44000600	SIDEWALK REMOVAL	Sq Ft	165
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	Each	5
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	Foot	265
67100100	MOBILIZATION	L Sum	1
70101700	TRAFFIC CONTROL AND PROTECTION	L Sum	1
72400500	RELOCATE SIGN PANEL ASSEMBLY- TYPE A	Each	3
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	Foot	172
XX006806	HOT-MIX ASPHALT DRIVEWAY PAVEMENT	Sq Yd	40
Z0018900	DRILL AND GROUT DOWEL BARS	Each	16
Z0062300	SAWING ASPHALT SURFACE	Foot	218
Z0062500	SAWING P.C. CONCRETE DRIVEWAYS	Foot	64

* SPECIALTY ITEMS

ROADWAY NOTES TO THE CONTRACTOR :

- All construction shall be done in accordance with the State of Illinois "Standard Specifications for Road and Bridge Construction," adopted January 1, 2007, Supplemental Specifications and Recurring Special Provisions, adopted January 1, 2009, and the "Standard Specifications for Traffic Control Items", latest edition, the details in these plans and the Contract Documents.
- The elevations shown on these plans are on U.S.G.S. datum.
- The Contractor shall notify JULIE (1-800-892-0123) for utility locations at least 48 hours prior to construction.
- During construction operations, any loose materials blocking ditchlines, storm sewers, manholes, etc. shall be removed at the end of each day. Maintenance of drainage ways and structures shall be incidental to the Contract Price.
- The Contractor shall dispose of any excess materials from the site. If requested by the Village, the Contractor will dispose of surplus material at a site designated by the Village, and shall clean and level the site upon completion, which shall be included in the unit price for Earth Excavation.
- All sod, or other unsuitable materials shall be removed from existing surface before placing aggregate materials.
- The location and/or elevations of the existing underground utilities, such as water mains, sewers, gas, telephones, and power are shown on the plans based on the best information available and are given for the convenience of the Contractor. The Contractor must assume responsibility for all utilities whether shown or not, and must realize that the actual locations and/or elevations of the utilities shown may be different than indicated.
- Before placement of any base course materials, the Contractor shall treat the subgrade as per Article 301.03 of the STANDARD SPECIFICATIONS.
- Frame elevations shown on the plan are approximate only and shall be adjusted to final grade at the time of construction. No additional compensation will be allowed within
- Protective coat shall be applied to all gutter flags, face and top of curb and gutter and sidewalks.
- The Contractor shall not be permitted to operate, or adjust water valves or hydrants without the presence of Village Water Department personnel. In addition, the Contractor shall obtain and attach a proper metering device prior to the operation of any water valve or hydrant. Water obtained through these means shall be paid for by the contractor to the Village according to the current water rates. The Contractor shall provide 72 hours notice in advance of the need to have Village personnel on-site.
- Decorative landscaping within the limits of construction shall be removed/relocated as indicated on the plans. The contractor shall provide the homeowner 5 days notice in advance of any construction affecting decorative landscaping. Cost of removal/relocation of decorative landscaping shall be included in the unit price for earth excavation.
- Barricades require two sandbags per non-plastic Type I or Type II barricade.
- Saw cutting for sidewalk and curb removal shall be included in the cost of CURB REMOVAL & SIDEWALK REMOVAL
- Payment for tree removal is by the unit diameter. One unit equals one inch.
- Sub-Base Granular material shall consist of CA-6, crushed material. Measurement and payment shall be at the unit price per square yard for SUB-BASE GRANULAR MATERIAL.
- Expansion joints for the sidewalks shall be installed every 50 feet with preformed joint filler in according with the applicable sections of the standard specifications.
- Driveway pavement removal refers to bituminous and PCC driveways and shall include removal and disposal of all materials.

Station	Hot-Mix Asphalt Driveway Pavement Removal/Replacement Schedule	
	(SY) Removal	(SY) HMA Driveway Pavement
11+20 - 11+34 Lt	12.4	4.7
12+43 - 12+61 Lt	16.0	6.0
13+31 - 13+47 Lt	14.2	5.3
14+00 - 14+15 Lt	13.3	5.0
14+60 - 14+78 Lt	16.0	6.0
15+24 - 15+35 Lt	10.7	4.0
15+94 - 16+11 Lt	15.1	5.7
Totals	97.7	36.7

Station	Curb Removal/Replacement Schedule		
	(FT) Curb Removal	(FT) Comb Concrete C&G, Ty B-6.12	(FT) Dowel Bars
9+75 Lt	10	10	4
10+12 - 10+18 Lt	13	13	4
15+50 - 17+75 Lt	235	235	4
18+20 Lt	15	15	4
Totals	273	273	16

Station	Detectable Warnings Schedule	
	(SF) Area	(SF) Area
10+16 Lt	10	10
17+72 Lt	16	16
9+74 Lt	12	12
18+20 Lt	16	16
Totals	54	54

Station	Sidewalk Removal Schedule	
	(SF) Area	(SF) Area
10+64 Lt	15	15
16+50 Lt	100	100
18+20 Lt	50	50
Totals	165	165

Station	PCC Sidewalk Schedule	
	(SF) 5'	(SF) 6'
10+14 - 15+00 Lt	2125	405
15+00 - 18+20 Lt	1600	405
Totals	3785	810

Station	Saw Cutting Schedule	
	(FT) Bituminous	(FT) PCC
11+20-11+34 Lt	28	
12+43-12+61 Lt	36	
13+31-13+47 Lt	32	
14+00-14+15 Lt	30	
14+60-14+78 Lt	36	
15+24-15+35 Lt	22	
15+94-16+11 Lt	34	
16+35 - 16+56 Lt		42
16+94 - 17+05 Lt		22
Totals	218	64

Station	Thermoplastic Pavement Marking Schedule	
	12'(Ft)	12'(Ft)
9+75 Lt - 10+11 Lt	72'	
17+75 - 18+15 Lt	100'	
Totals	172'	

Station	Tree Removal Schedule	
	(Unit-Dia)	(Unit-Dia)
15+00, 22 Lt	12	12
Total	12	12

Station	PCC Driveway Removal/Replace Schedule	
	(SY) Driveway Removal	(SY) PCC Driveway .6"
16+35 - 16+56 Lt	11.7	11.7
16+94 - 17+05 Lt	6.1	6.1
Totals	17.8	17.8

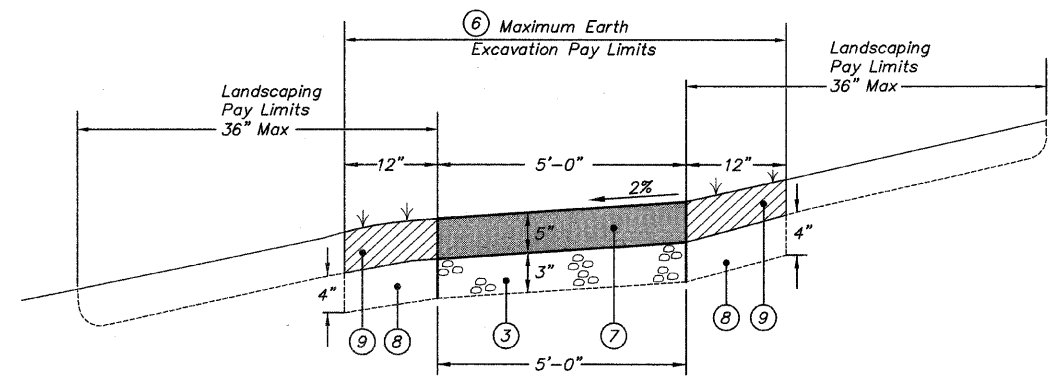
Benchmark

BM 100 RR Spike On East Side Of Osage
165 Ft. South Of Intersection Of
Osage and Church Street
Elev=779.22

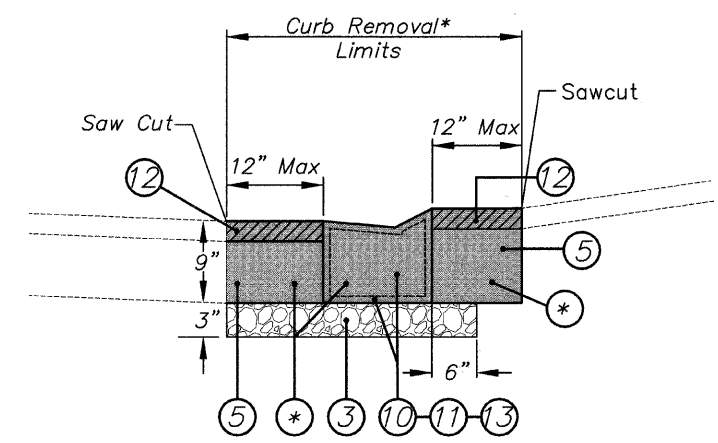
ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES,
SCHEDULE OF QUANTITIES

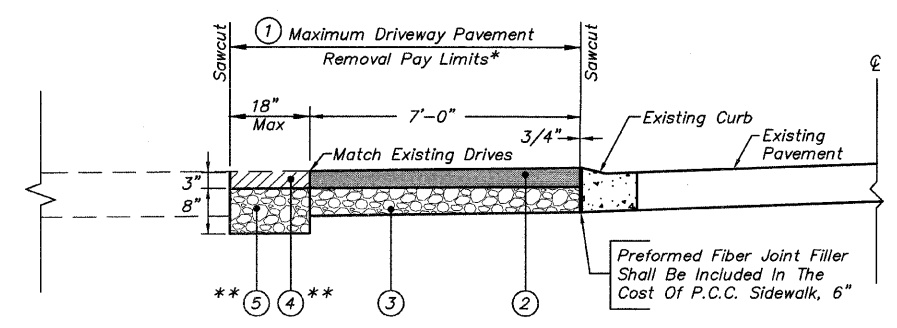
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TYPICAL PROPOSED SECTION - SIDEWALK THROUGH TURF
Not to Scale

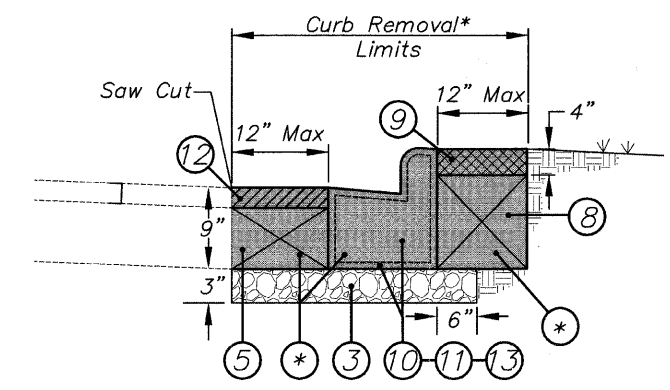


Typical Curb Removal/Replacement Adjacent to Driveway



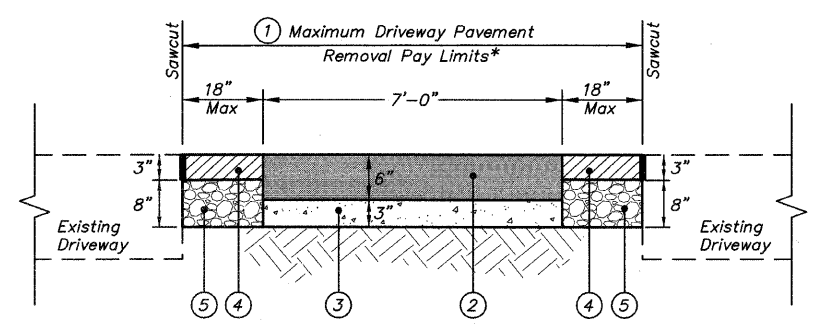
SIDEWALK ADJACENT TO CURB DETAIL
Not to Scale

** Detail Section Shown Is Through Driveway For Sidewalk Through Turf Replace (4) & (5) With (9)



Typical Curb Removal/Replacement Adjacent to Lawn

* Where Existing and Proposed Curb are not in same alignment Curb Removal shall be measured from 12 inches in front of new curb to 12" in back of old curb whichever is greater.



TYPICAL PROPOSED SECTION - SIDEWALK THROUGH DRIVEWAY
Not to Scale

* Driveway Pavement Removal Shall Include All Hot-Mix Asphalt (HMA) And Aggregate And Earth Materials To Remove And Dispose Of To The Top Of Proposed Subgrade

Legend

- (*) Curb Removal Limits Shall Include 12 Inches In Front And Back Of New Curb To Subgrade Elevation; Cost of Excavation/Disposal to be included in Price of Curb Removal
- (1) Proposed Driveway Pavement Removal
- (2) Proposed PCC Sidewalk, 6"
- (3) Proposed SubBase Granular Material, 3"
- (4) Proposed HMA Driveway Pavement
- (5) Proposed Aggregate Base Course, Ty B (Crushed)
- (6) Proposed Earth Excavation
- (7) Proposed PCC Sidewalk, 5"
- (8) Suitable Excavated Material Backfill
- (9) Proposed Landscaping:
 - Topsoil Furnish And Place, 4"
 - Seeding, Class 1
 - Mulch, Method 3
- (10) Existing Curb
- (11) Proposed Curb Removal
- (12) a) Hot Mix Asphalt Binder Course, IL-19.0, N50, 2 1/4"
b) Hot Mix Asphalt Surface Course, Mix C, N50, 1 1/2"
- (13) Proposed Combination Concret Curb & Gutter, TypB-6.12

Hot Mix Asphalt Mixture Requirement		
Item	AC Type	Voids
Roadway & Driveway Pavement		
HMA Surface Course, Mix C, N50 (IL-9.5mm)	PG 64-22	4% @ 50 GYR
HMA Binder Course, IL-19.0, N50	PG 64-22	4% @ 50 GYR

The unit weight to calculate all HMA surface mixture quantities is 112 LB/SQ YD/IN

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TYPICAL SECTIONS

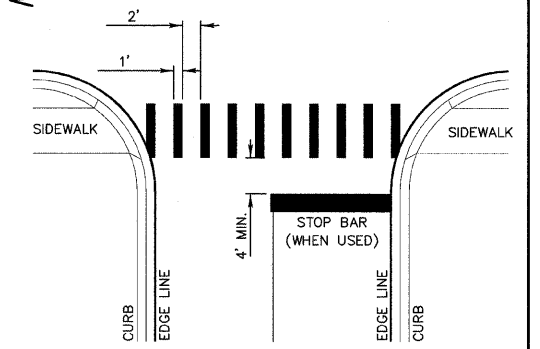
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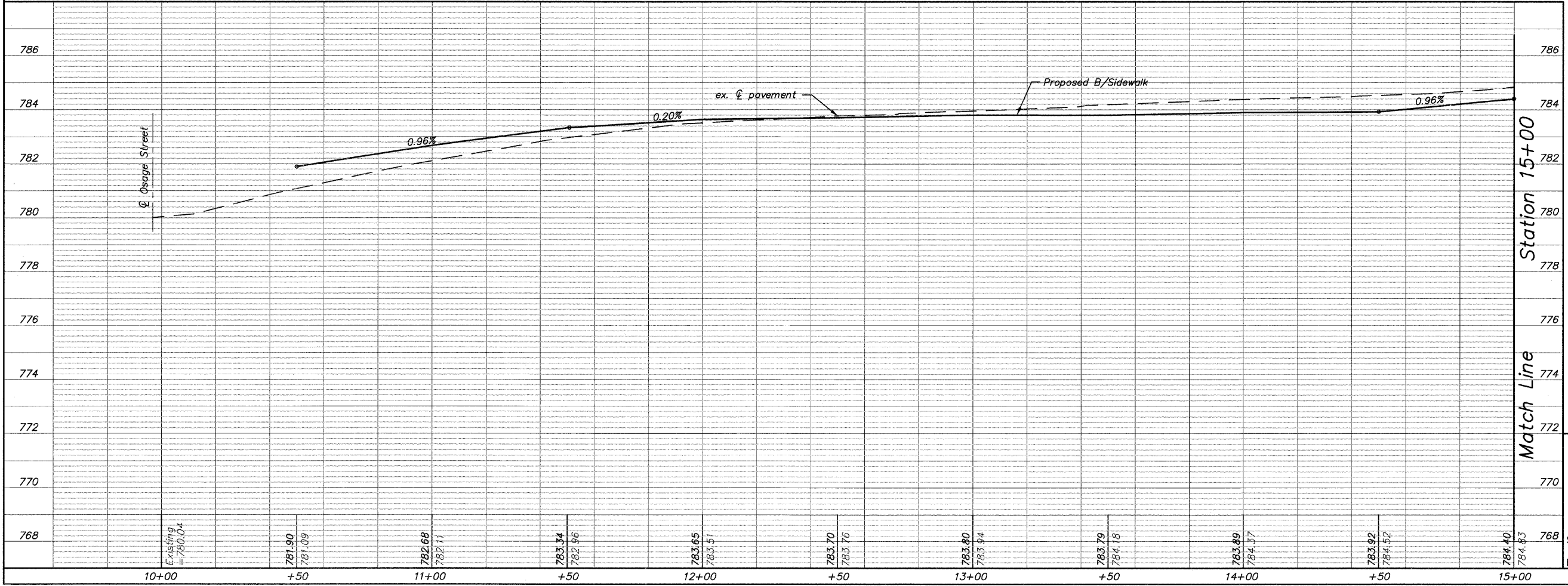
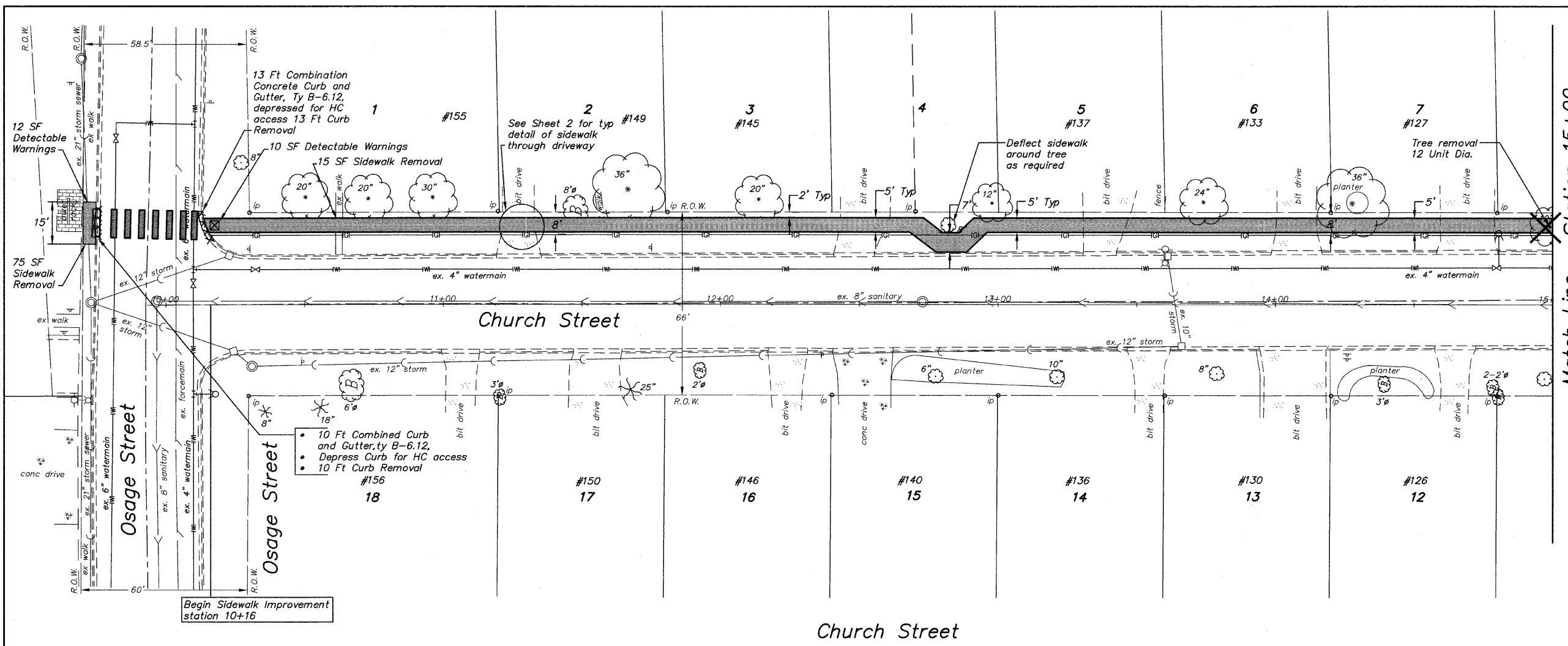
SECTION	VILLAGE	TOTAL SHEETS	SHEET NO
08-00035-00-SW	WAUCONDA	9	4
ILLINOIS PROJECT: SRTS - 4008 (028)			
Plan & Profile			
CONTRACT NO: 63262			

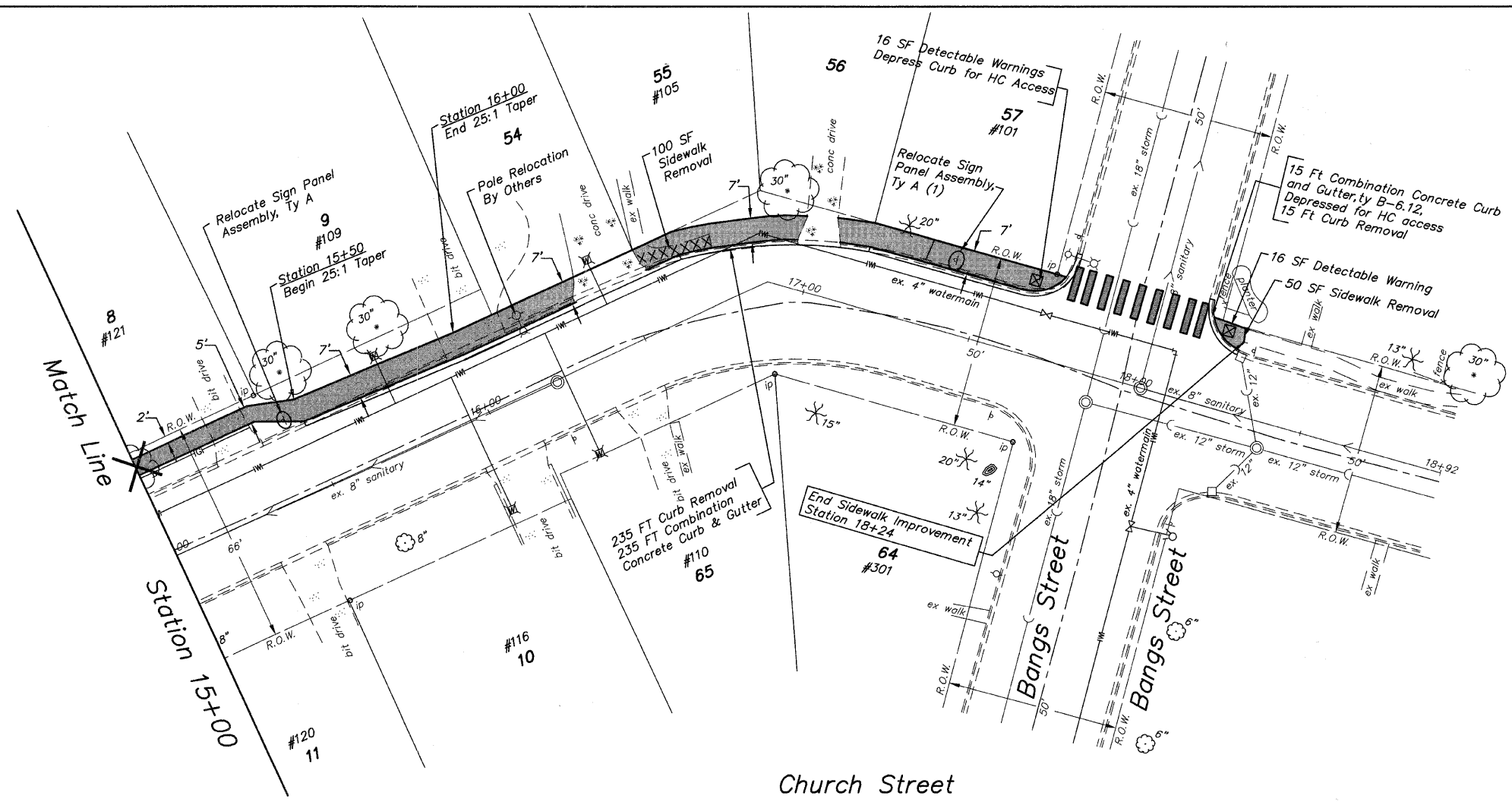
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Ver: 1"=2'

PEDESTRIAN CROSSWALK DETAIL (TYP)



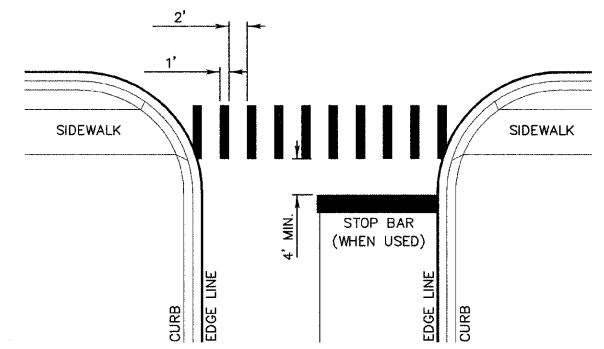
1. WIDTH OF THE CROSSWALK IS GENERALLY 6' EXCEPT AT SCHOOL CROSSINGS AND BICYCLE CROSSINGS, WHICH CAN BE 8'.
2. THE STOP BAR SHOULD BE INSTALLED A MINIMUM OF 4' IN ADVANCE OF THE CROSSWALK.



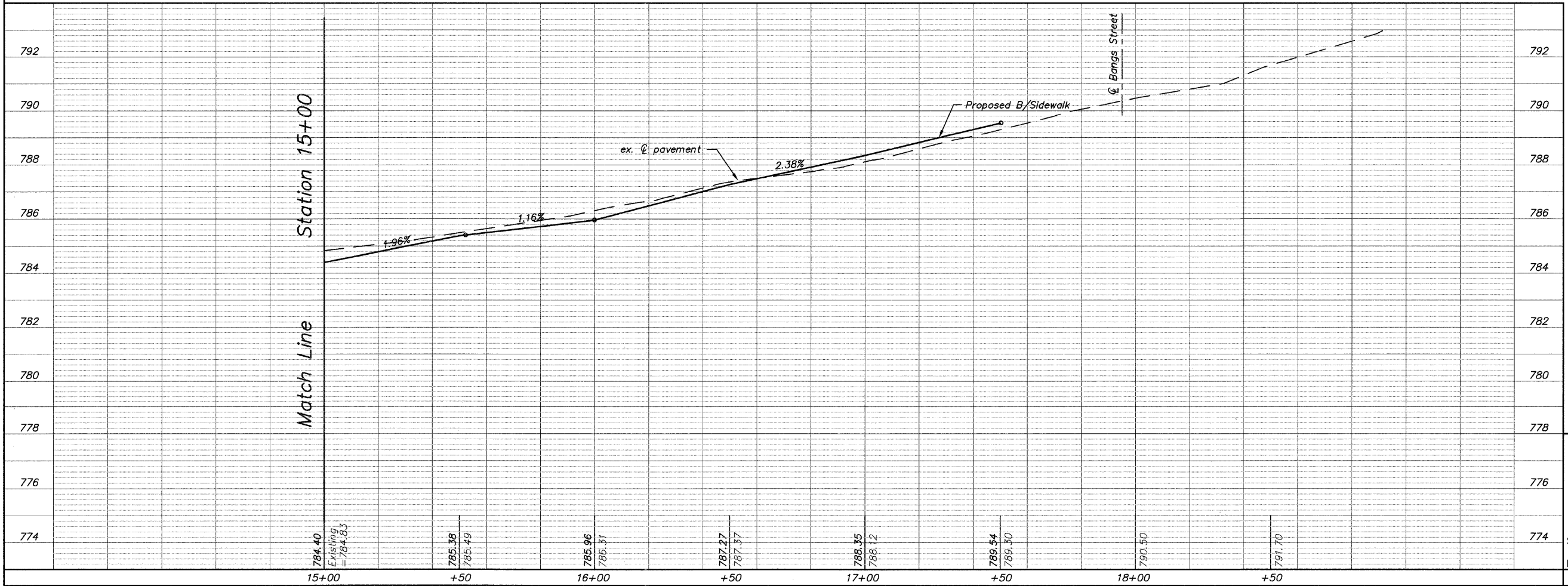


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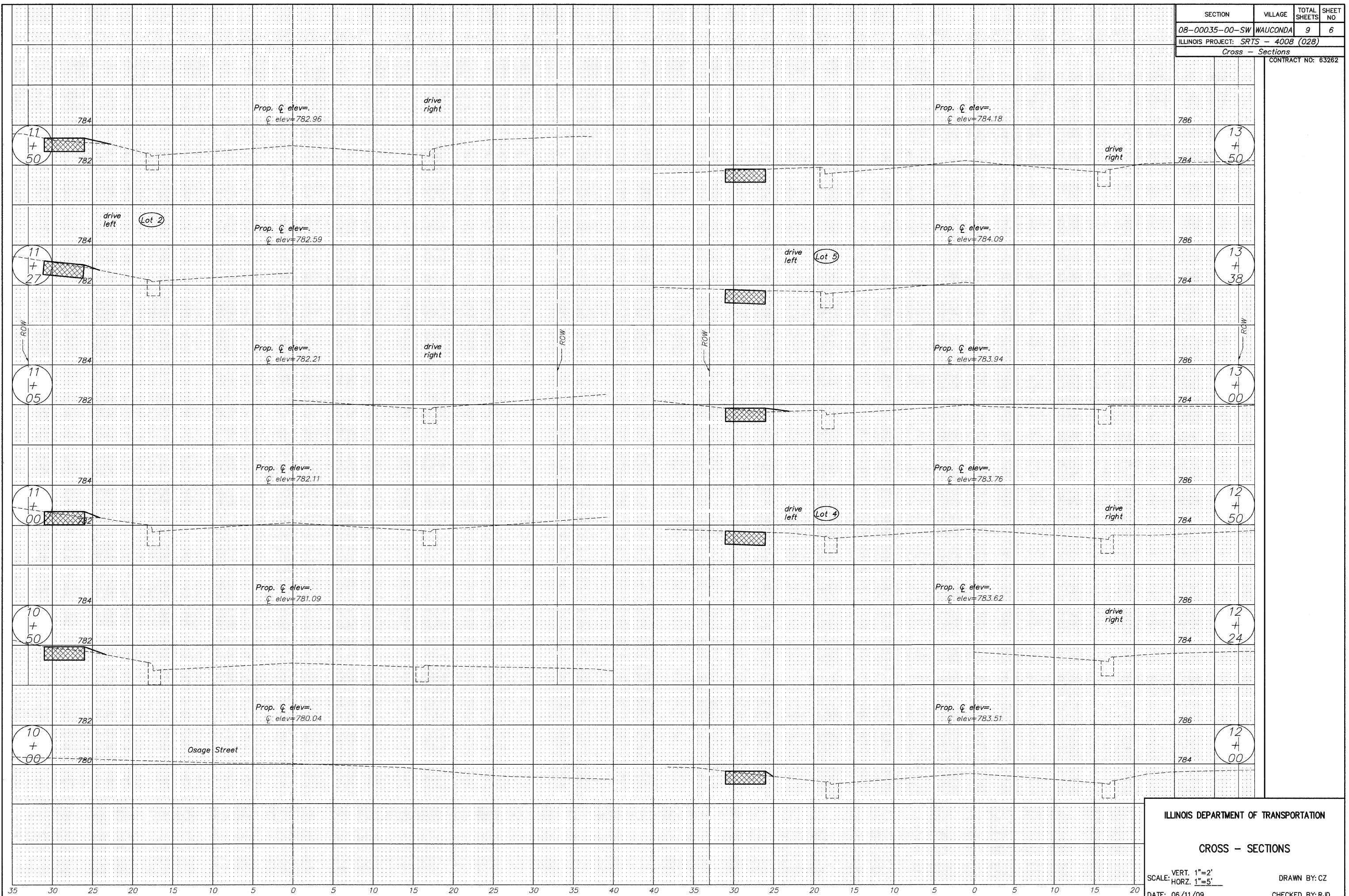
PEDESTRIAN CROSSWALK DETAIL (TYP)



1. WIDTH OF THE CROSSWALK IS GENERALLY 6' EXCEPT AT SCHOOL CROSSINGS AND BICYCLE CROSSINGS, WHICH CAN BE 8'.
2. THE STOP BAR SHOULD BE INSTALLED A MINIMUM OF 4' IN ADVANCE OF THE CROSSWALK.



SECTION	VILLAGE	TOTAL SHEETS	SHEET NO
08-00035-00-SW	WAUCONDA	9	6
ILLINOIS PROJECT: SRTS - 4008 (028)			
Cross - Sections			
CONTRACT NO: 63262			



ILLINOIS DEPARTMENT OF TRANSPORTATION

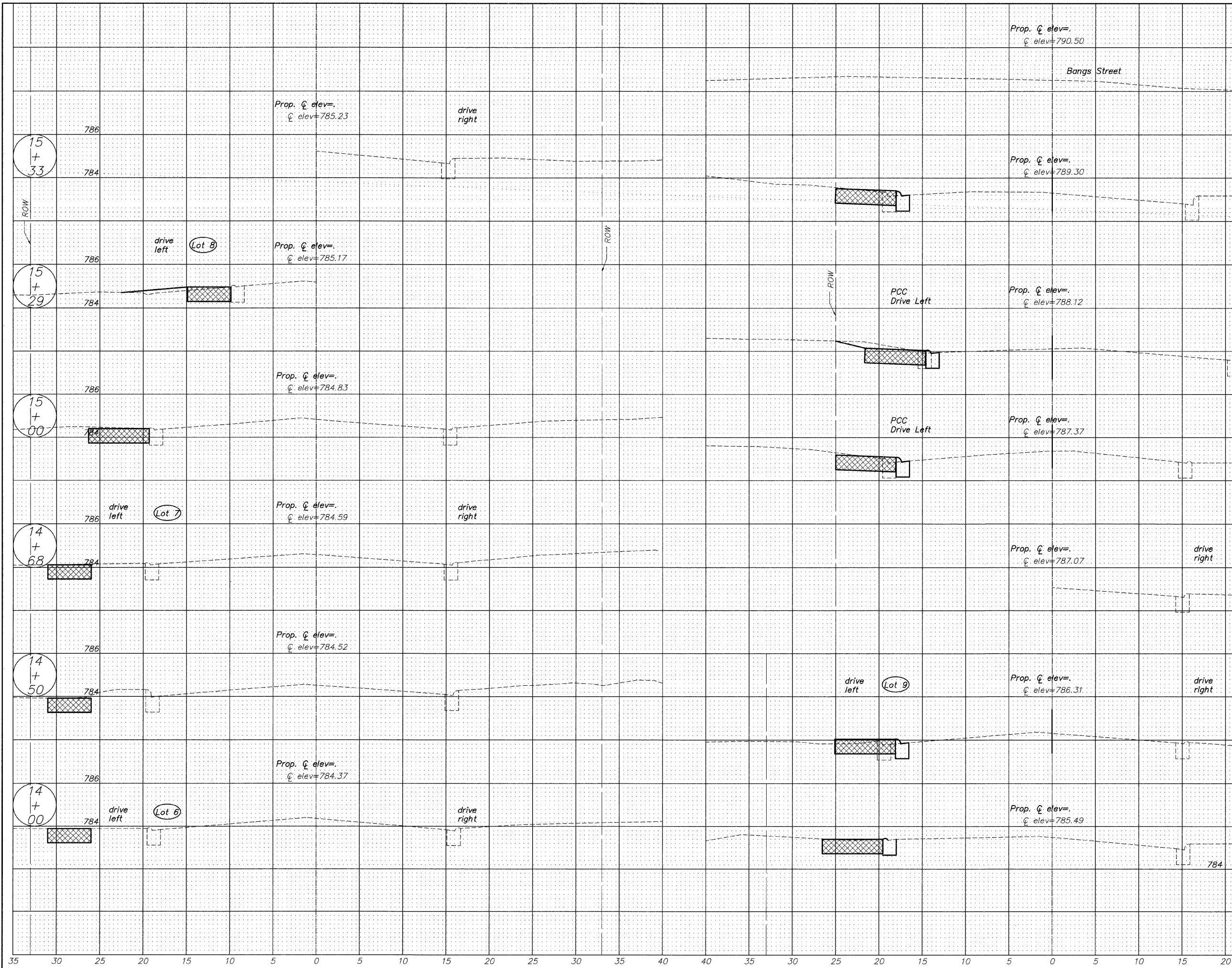
CROSS - SECTIONS

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 HORZ. 1"=5'
 DATE: 06/11/09

DRAWN BY: CZ
 CHECKED BY: RJD

SECTION	VILLAGE	TOTAL SHEETS	SHEET NO
08-00035-00-SW	WAUCONDA	9	7
ILLINOIS PROJECT: SRTS - 4008 (02B)			
Cross - Sections			

CONTRACT NO: 63262



792	18 +	00
790	17 +	50
788	17 +	00
790	17 +	00
788	16 +	50
786	16 +	41
788	16 +	00
786	15 +	50

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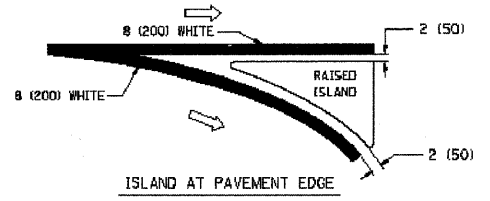
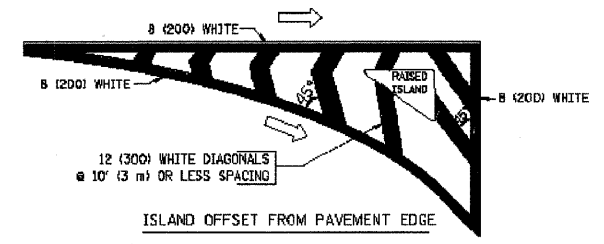
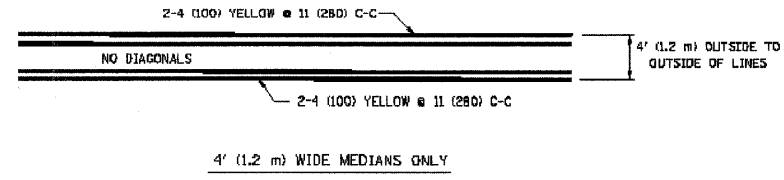
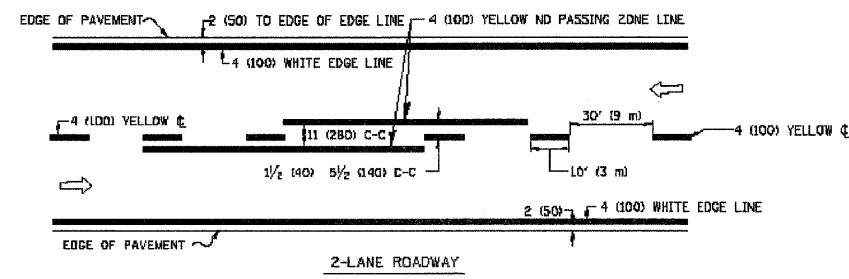
CROSS - SECTIONS

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HORIZ. 1"=5'

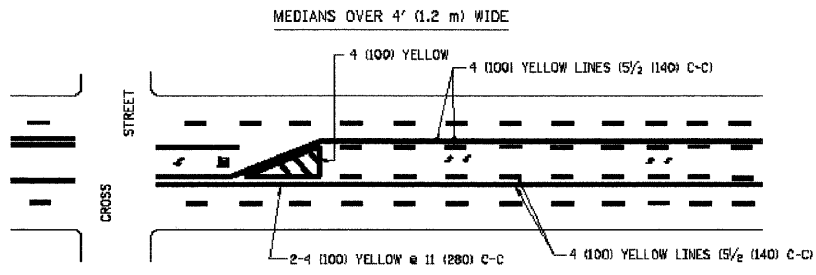
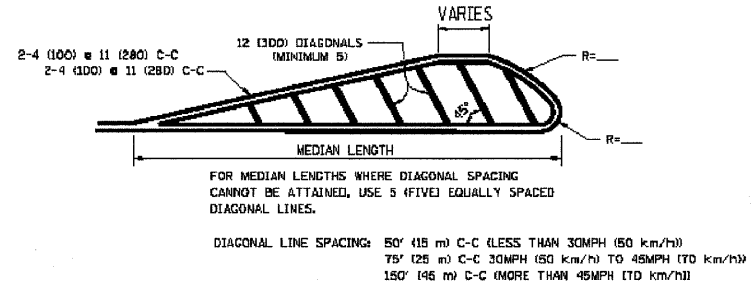
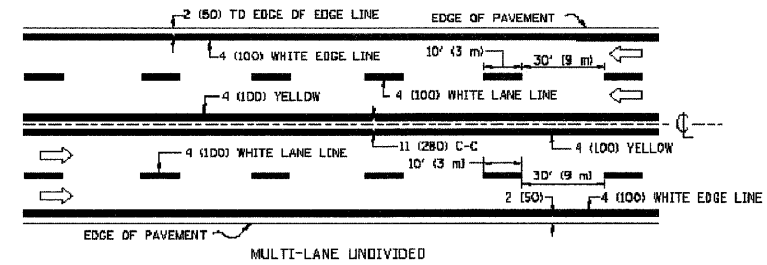
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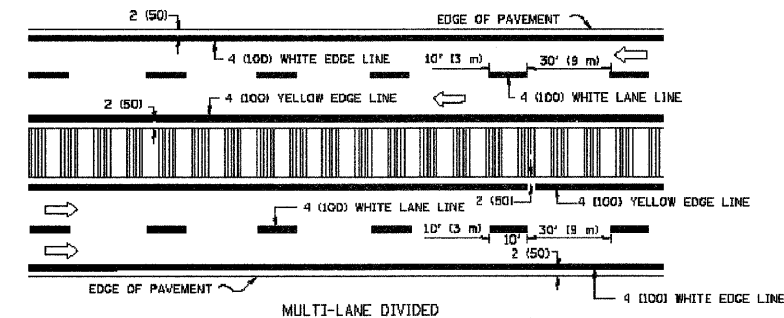
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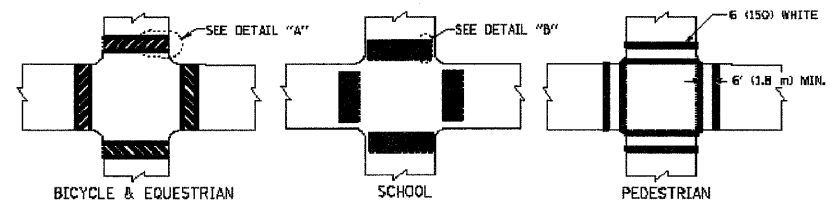
TYPICAL ISLAND MARKING



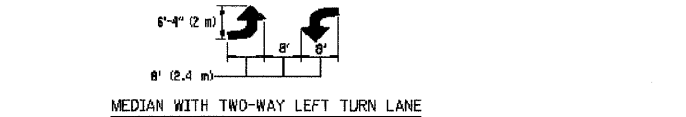
TYPICAL PAINTED MEDIAN MARKING



TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



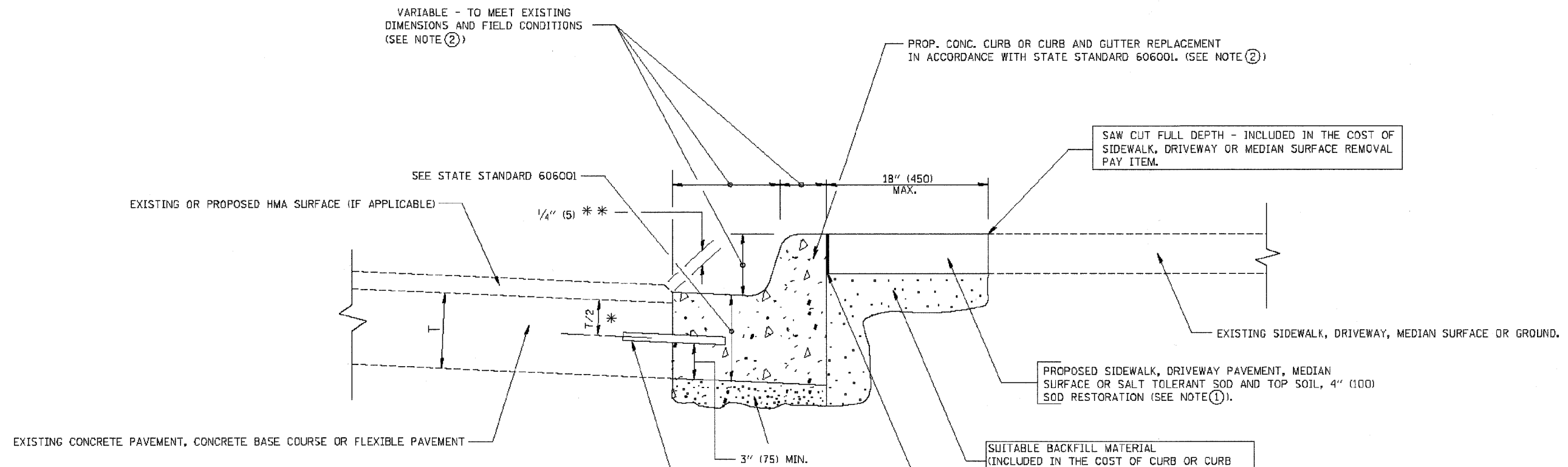
TYPICAL TURN LANE MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	30' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	6 1/2 (140) C-C FROM SKIP-DASH CENTERLINE. OMIT SKIP-DASH CENTERLINE BETWEEN.
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW. EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (6' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE. SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 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° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE. SEE TYPICAL PAINTED MEDIAN MARKING.
EDGE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (23 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

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

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

SECTION	VILLAGE	TOTAL SHEETS	SHEET NO
08-00035-00-SW	WAUCONDA	9	9
ILLINOIS PROJECT: SRTS - 4008 (028)			
DISTRICT 1 DETAILS			
CONTRACT NO: 63262			



* 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.

SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

④ 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.

⑤ 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.

⑥ 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.

⑦ 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 USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT 1 DETAILS

SCALE: NOT TO SCALE

DRAWN BY: CZ

DATE: 06/11/09

CHECKED BY: RJD