

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE
CODE NUMBER	DESCRIPTION	UNITS	TOTAL QUANTITY	PEDESTRIAN 0028
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	359	359
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	364	364
20101000	TEMPORARY FENCE	FOOT	200	200
20101200	TREE ROOT PRUNING	EACH	10	10
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	10	10
20101700	SUPPLEMENTAL WATERING	UNIT	30	30
20200100	EARTH EXCAVATION	CU YD	803	803
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	2,197	2,197
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	400	400
25000312	SEEDING, CLASS 4A	ACRE	0.85	0.85
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	91	91
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	91	91
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	91	91
25100630	EROSION CONTROL BLANKET	SQ YD	4,114	4,114
25200110	SODDING, SALT TOLERANT	SQ YD	1,137	1,137
28000305	TEMPORARY DITCH CHECKS	FOOT	50	50
28000400	PERIMETER EROSION BARRIER	FOOT	750	750
28000500	INLET AND PIPE PROTECTION	EACH	4	4
28000510	INLET FILTERS	EACH	28	28
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	3,330	3,330
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	380	380
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	336	336
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	10	10
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	168	168
42001300	PROTECTIVE COAT	SQ YD	3,345	3,345
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	29,276	29,276
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	1,300	1,300
42400400	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	1,480	1,480
42400800	DETECTABLE WARNINGS	SQ FT	120	120
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	702	702
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	65	65
44000600	SIDEWALK REMOVAL	SQ FT	5,360	5,360
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	20	20
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	893	893
44213200	SAW CUTS	FOOT	2,551	2,551
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	1,900	1,900
50104400	CONCRETE HEADWALL REMOVAL	EACH	3	3
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 18"	EACH	3	3
54247110	GRATING FOR CONCRETE FLARED END SECTION 18"	EACH	3	3
550A0090	STORM SEWERS, CLASS A, TYPE 1 8"	FOOT	15	15
550A0380	STORM SEWERS, CLASS A, TYPE 2, 18"	FOOT	45	45
550A0450	STORM SEWERS, CLASS A, TYPE 2, 36"	FOOT	707	707
55100400	STORM SEWER REMOVAL 10"	FOOT	27	27
55100500	STORM SEWER REMOVAL 12"	FOOT	296	296
55100700	STORM SEWER REMOVAL 15"	FOOT	58	58
55100900	STORM SEWER REMOVAL 18"	FOOT	55	55
55101200	STORM SEWER REMOVAL 24"	FOOT	70	70
56106600	ADJUSTING WATER MAIN, 12"	FOOT	18	18
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1	1
56400400	FIRE HYDRANTS TO BE RELOCATED	EACH	2	2
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	1	1
60200105	CATCH BASINS, TYPE A, 4" DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	6	6
60200205	CATCH BASINS, TYPE A, 4" DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1
60200805	CATCH BASINS, TYPE A, 4" DIAMETER, TYPE 8 GRATE	EACH	2	2

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE
CODE NUMBER	DESCRIPTION	UNITS	TOTAL QUANTITY	PEDESTRIAN 0028
60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	1	1
60221100	MANHOLES, TYPE A, 5' DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	8
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	9	9
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1
60500040	REMOVING MANHOLES	EACH	1	1
60500060	REMOVING INLETS	EACH	1	1
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	20	20
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	35	35
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
72000100	SIGN PANEL TYPE 1	SQ FT	71	71
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	180	180
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	196	196
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	321	321
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	36	36
78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	115	115
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	36	36
78300100	PAVEMENT MARKING REMOVAL	SQ FT	86	86
81400100	HANDHOLE	EACH	2	2
83800200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	20	20
84200804	REMOVAL OF POLE FOUNDATION	EACH	2	2
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	13	13
Z0022800	FENCE REMOVAL	FOOT	300	300
Z0042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	317	317
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1
Z0056808	STORM SEWER (WATER MAIN REQUIREMENTS), 12 INCH	FOOT	232	232
Z0056810	STORM SEWER (WATER MAIN REQUIREMENTS), 15 INCH	FOOT	256	256
Z0056812	STORM SEWER (WATER MAIN REQUIREMENTS), 18 INCH	FOOT	419	419
Z0056816	STORM SEWER (WATER MAIN REQUIREMENTS), 24 INCH	FOOT	858	858
A2002924	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 3" CALIPER, BALLED AND BURLAPPED	EACH	5	5
A2005024	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED	EACH	5	5
A2006524	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	5	5
A2006726	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	5	5
A2007924	TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN), 3" CALIPER, BALLED AND BURLAPPED	EACH	5	5
B0002740	TREE, BALIAM COMMON HORSECHESTNUT, 4" CALIPER, BALLED AND BURLAPPED	EACH	5	5
B2006322	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 3" CALIPER, BALLED AND BURLAPPED	EACH	5	5
C2C01536	SHRUB, CORNIUS RACEMOSA (GREY DOGWOOD), 3' HEIGHT, CONTAINER	EACH	4	4
C2C043G5	SHRUB, LINDERA BENZOIN (SPICEBUSH), CONTAINER GROWN, 5-GALLON	EACH	4	4
D2C03796	EVERGREEN, THUJA OCCIDENTALIS DARK GREEN (DARK GREEN ARBORVITAE), 8' HEIGHT, CONTAINER	EACH	16	16
K0026620	TRANSPLANTED SALVAGED SHRUBS	EACH	30	30
X0322917	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	3	3
X0324915	RELOCATE LIGHTING UNITS AND POLES	EACH	4	4
X0325207	TELEVISION INSPECTION OF SEWER	FOOT	691	691
X2080250	TRENCH BACKFILL, SPECIAL	CU YD	1,428	1,428
X2110100	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	584	584
X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	100	100
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	4	4
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	4	4
XX008044	WOOD FENCE TO BE REMOVED AND REPLACED	FOOT	300	300
XX007759	ADJUST SANITARY SEWER CLEANOUT	EACH	1	1

* INDICATES SPECIALTY ITEM

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS ABBREVIATIONS AND SYMBOLS
280001-05	TEMPORARY EROSION CONTROL SYSTEMS
424001-05	CURB RAMPS FOR SIDEWALK
442201-03	CLASS CAD PATCHES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
602001-02	CATCH BASIN TYPE A
602011-02	CATCH BASIN TYPE C
602301-03	INLET TYPE A
602401-03	MANHOLE TYPE A
602501-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604036-02	GRATE TYPE B
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB & GUTTER
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 4.5m (15') AWAY
701006-03	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 4.5m (15') TO 6.0m (24') FROM PAVEMENT EDGE
701011-02	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701701-07	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE, MULTILANE 1W OR 2W, CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAIL
720006-02	SIGN PANEL ERECTION DETAIL
729001-01	APPLICATION OF TYPE A & B POSTS

IDOT STANDARDS

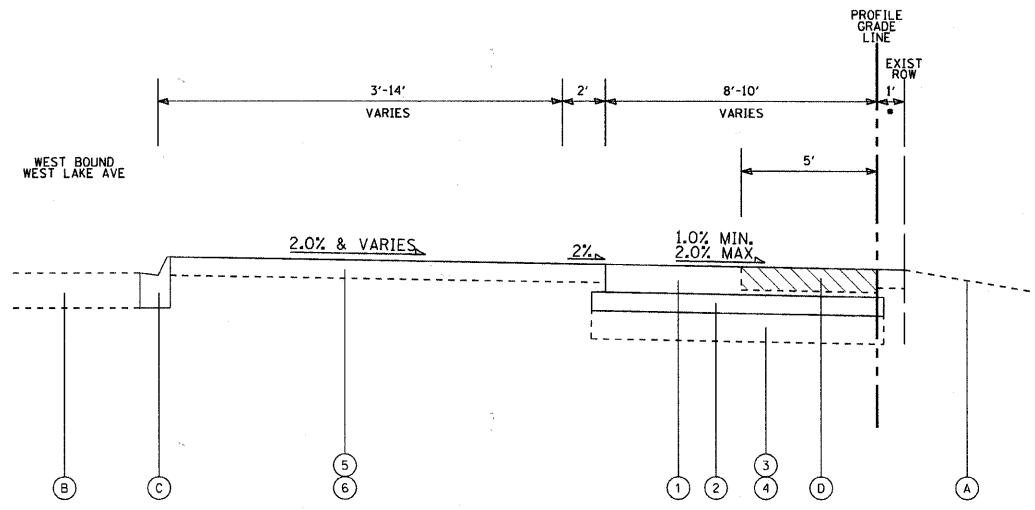
BD01	DRIVEWAY DETAILS-DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15'(4.5 m)
BD22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BE300	LIGHT POLE FOUNDATION, 30'-35' MH
TC10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS

TRAFFIC CONTROL NOTES

- THE CONTRACTOR SHALL MAINTAIN THE EXISTING ROAD WIDTH IN EACH DIRECTION FOR TWO-WAY TRAFFIC FLOW. INGRESS AND EGRESS TO DRIVEWAYS AND SIDE STREETS SHALL BE MAINTAINED.
STREETS SHALL ALL BE MAINTAINED AS DIRECTED BY THE ENGINEER.
- THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED.
- TEMPORARY LANE CLOSURES ON WEST LAKE AVENUE WILL ONLY BE PERMITTED BETWEEN THE HOURS OF 9:00 AM AND 3:00 PM PRIOR TO END OF SCHOOL YEAR OR JUNE 7, 2012. ALL LANE CLOSURES SHALL BE APPROVED BY THE ENGINEER.
- TYPE I BARRICADES AND VERTICAL PANELS SHALL BE EQUIPPED WITH MONO-DIRECTIONAL STEADY BURN LIGHTS AND SHALL BE PLACED AT 50' INTERVALS ALONG THE PROPOSED WORK ZONE AND 25' WITHIN TAPERED SECTIONS OR AS DIRECTED BY THE ENGINEER.
- THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION.

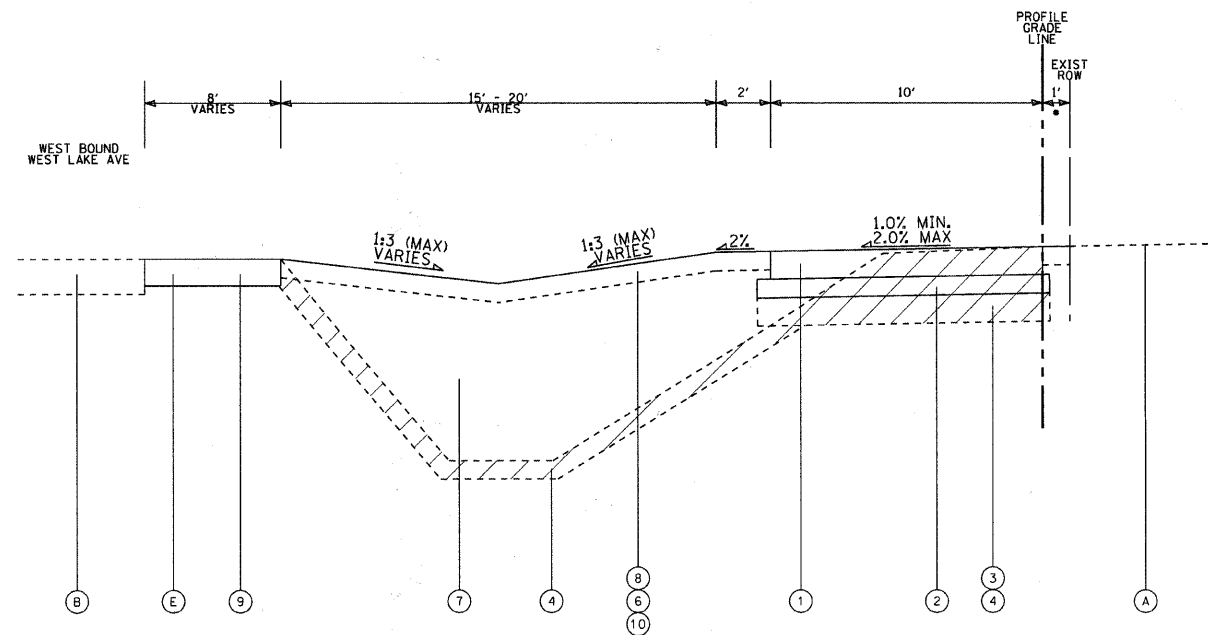
EARTHWORK

STA BEGIN	STA END	UNDERCUT AND PGES REPLACEMENT (CUYD)	TOPSOIL EXCAVATION (CUYD)	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (CUYD)	EARTH EXCAVATION (CUYD)	TRENCH EXCAVATION (CUYD)	TOTAL SUITABLE EXCAVATION (CUYD)	EXCAVATION TO BE USED IN EMBANKMENT (ADJ FOR 15% SHRINKAGE) (CUYD)	EMBANKMENT (CUYD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CUYD)	
WEST LAKE AVENUE											
245+08	246+00	0.0	23.9	23.9	21.7	0.0	21.7	18.5	0.0	18.5	
246+00	247+00	0.0	25.9	25.9	23.6	0.0	23.6	20.1	0.0	20.1	
247+00	248+00	0.0	27.2	27.2	23.5	0.0	23.5	20.1	0.0	20.1	
248+00	249+00	0.0	32.8	32.8	24.8	0.0	24.8	21.2	0.0	21.2	
249+00	250+00	0.0	38.8	38.8	26.1	0.0	26.1	22.3	0.0	22.3	
250+00	251+00	0.0	46.9	46.9	26.1	0.0	26.1	22.3	0.0	22.3	
251+00	252+00	0.0	54.8	54.8	28.1	62.5	90.6	77.1	15.1	62.0	
252+00	253+00	0.0	62.2	62.2	17.6	62.5	80.1	68.2	89.0	-20.8	
253+00	254+00	0.0	68.5	68.5	2.7	62.5	65.2	55.5	161.5	-106.0	
254+00	255+00	0.0	71.3	71.3	0.2	62.5	62.7	53.3	205.6	-152.3	
255+00	256+00	0.0	72.0	72.0	7.8	62.5	70.3	59.8	185.9	-126.1	
256+00	257+00	10.0	72.6	82.6	21.1	62.5	83.6	71.1	69.8	1.3	
257+00	257+50	15.8	38.4	52.2	6.6	62.5	69.1	58.8	17.2	41.6	
258+00	259+00	15.8	36.7	52.5	13.3	62.5	75.8	64.5	5.8	58.7	
259+00	260+00	15.8	73.3	89.1	55.2	62.5	117.7	100.1	11.7	88.4	
260+00	261+00	15.8	73.3	89.1	80.0	62.5	142.5	121.2	7.8	113.4	
261+00	262+00	15.8	73.1	88.9	52.9	75.0	127.9	108.8	11.1	97.7	
262+00	263+00	15.8	73.3	89.1	27.3	75.0	102.3	87.0	32.3	54.7	
263+00	264+00	15.8	73.7	89.5	26.4	75.0	101.4	86.2	50.7	35.5	
264+00	265+00	15.8	73.5	89.3	31.3	75.0	106.3	90.4	42.0	48.4	
265+25	266+00	15.8	55.3	71.1	12.5	75.0	87.5	74.4	41.3	33.1	
266+00	267+00	15.8	68.7	84.5	15.4	75.0	90.4	76.9	43.9	33.0	
267+00	268+00	15.8	63.7	79.5	13.1	75.0	88.1	74.9	39.8	35.1	
268+00	269+00	15.8	68.3	84.1	17.5	75.0	92.5	78.6	79.4	-0.8	
269+00	270+00	15.8	73.0	88.8	22.9	75.0	97.9	83.3	90.2	-6.9	
270+00	271+00	15.8	71.9	87.7	28.4	75.0	103.4	88.0	45.4	42.6	
271+00	271+40	15.8	28.2	44.0	12.2	75.0	87.2	74.2	4.5	69.7	
272+05	273+00	15.8	48.6	64.4	38.9	75.0	113.9	96.9	10.8	86.1	
273+00	274+00	15.8	62.6	78.4	53.9	75.0	128.9	109.6	6.2	103.4	
274+00	275+00	15.8	53.0	68.8	34.7	75.0	109.7	93.3	2.1	91.2	
275+00	276+00	15.8	52.2	68.0	20.3	75.0	95.3	81.1	9.0	72.1	
276+00	277+00	6.0	51.9	57.9	4.3	75.0	79.3	67.4	70.7	-3.3	
277+00	278+00	0.0	51.9	51.9	0.3	75.0	75.3	64.0	117.1	-53.1	
278+00	278+20	0.0	10.4	10.4	0.0	150.0	150.0	127.5	20.3	107.2	
278+55	279+00	0.0	9.6	9.6	11.9	150.0	161.9	137.7	0.0	137.7	
TOTALS			317	1881	2197	803	2200	3003	2555	1487	1068



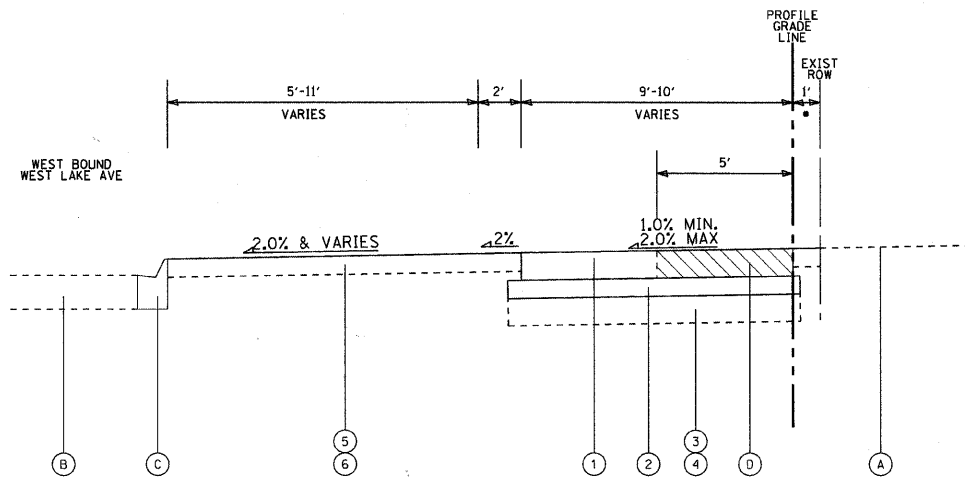
TYPICAL SECTION

STA 245+08 TO STA 252+29
NOT TO SCALE



TYPICAL SECTION

STA 252+29 TO STA 257+78
STA 258+22 TO STA 278+54
NOT TO SCALE



TYPICAL SECTION

STA 278+54 TO STA 279+00
NOT TO SCALE

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR Voids @ Ndes
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, IL 9.5 mm; 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BASE COURSE, 6" & 8" (3" MAX LIFT)	4% @ 50 Gyr.
CLASS D PATCHES, 8"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, IL 9.5 mm; 2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N50; 6" (3" MAX LIFT)	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SO. YD./IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" 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.

EXISTING LEGEND

- (A) EXISTING GROUND
- (B) EXISTING PAVEMENT
- (C) CURB AND GUTTER
- (D) EXISTING SIDEWALK REMOVAL
- (E) EXISTING AGGREGATE SHOULDER

PROPOSED LEGEND

- (1) PCC SIDEWALK, 5" (THICKEN TO 6" THROUGH RESIDENTIAL DRIVEWAYS) (THICKEN TO 8" THROUGH COMMERCIAL DRIVEWAYS)
- (2) AGGREGATE BASE COURSE, TY B-4 INCH
- (3) POROUS GRANULAR EMBANKMENT, SUBGRADE **
- (4) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL **
- (5) SODDING, SALT TOLERANT
- (6) TOPSOIL FURNISH AND PLACE, 4 INCH
- (7) FURNISHED EXCAVATION
- (8) SEEDING, CLASS 4A
- (10) EROSION CONTROL BLANKET

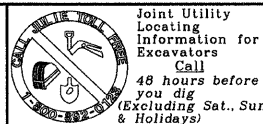
* CONSTRUCTION ACTIVITIES FOR THE PROPOSED PCC BIKE TRAIL SHALL NOT EXTEND BEYOND THE EXISTING RIGHT OF WAY LINE.

** A QUANTITY OF REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS AND POROUS GRANULAR EMBANKMENT, SUBGRADE HAS BEEN INCLUDED IN THE SUMMARY OF QUANTITIES FOR BIDDING PURPOSES. THE ACTUAL NEED FOR REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS AND POROUS GRANULAR EMBANKMENT, SUBGRADE WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE ENGINEER (BY USE OF PROOF ROLLING OR A CONE PETROMETER IN CONJUNCTION WITH IDOT SUBGRADE STABILITY MANUAL). IF UNSUITABLE SOILS ARE ENCOUNTERED, THE SOIL SHALL BE REMOVED TO A MAXIMUM OF 8-INCHES AND REPLACED WITH A MAXIMUM OF 8-INCHES OF POROUS GRANULAR EMBANKMENT, SUBGRADE. IF UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITIES FOR THE REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS AND POROUS GRANULAR EMBANKMENT, SUBGRADE QUANTITIES SHALL BE REDUCED. NO ADJUSTMENT IN UNIT PRICE SHALL BE MADE FOR REDUCED QUANTITIES.

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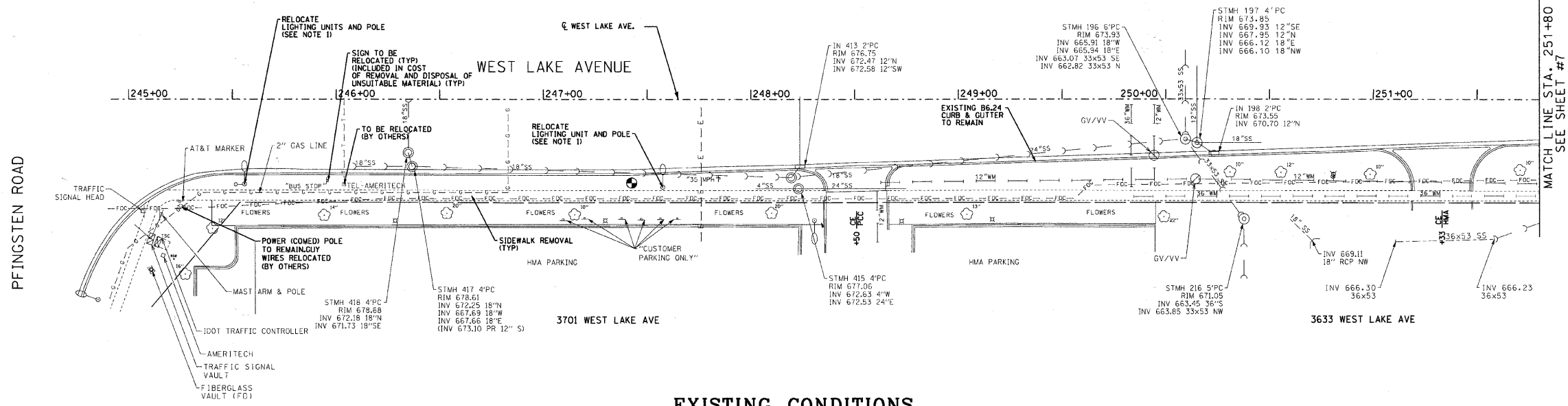
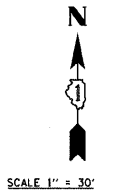
CAPITAL PROJECTS DEPARTMENT

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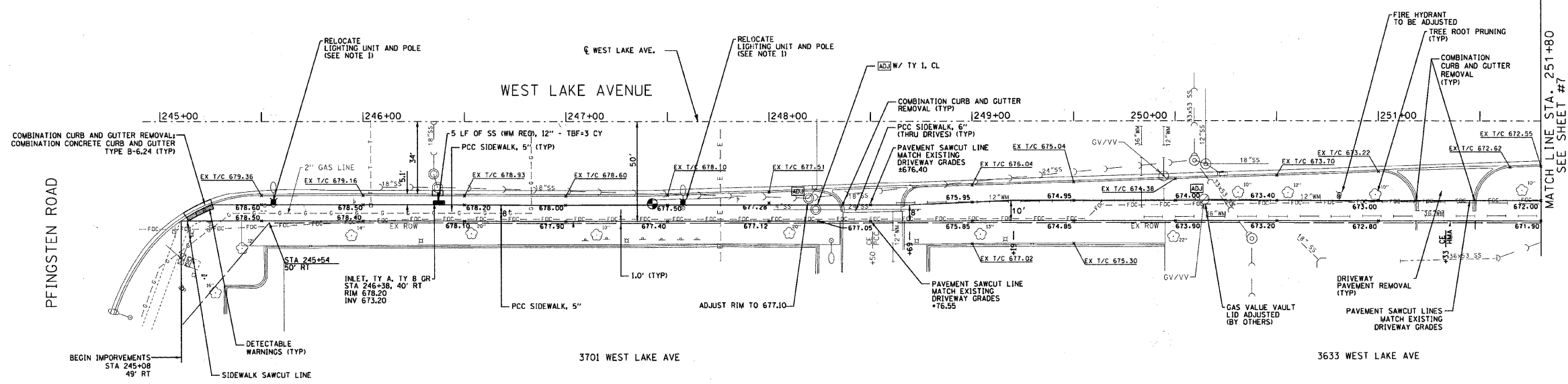
WEST LAKE AVENUE
TYPICAL SECTIONS AND
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

REVISIONS			DESIGNED BY: E.L.	F.A.U.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
NO.	DATE	DESCRIPTION	DATE: 11-12-2010	RTE.				
1	4-18-11	PER IDOT COMMENTS	DRAWN BY: Z.S.	1284	07-00164-01-RS	COOK	34	4
2	6-28-11	PER IDOT COMMENTS	DATE: 11-12-2010					
			CHECKED BY: E.L.					
			DATE: 2-24-2011					
					JOB NO: C-91-275-11	FED. AID PROJECT: TE-00D1 (841)		
					FED. ROAD DIST. NO. 1	ILLINOIS CONTRACT NO. 63612		



EXISTING CONDITIONS

NOTES:
 1. THE PROPOSED LIGHTING UNIT LOCATION SHALL BE COORDINATED WITH EXISTING UTILITIES AND THE ENGINEER. LIGHT POLE SHALL BE MINIMUM 4 FEET SETBACK FROM FACE OF EXISTING CURB. LIGHTING UNITS TO BE MAINTAINED BY THE VILLAGE OF GLENVIEW.



PROPOSED CONDITIONS

CAPITAL PROJECTS DEPARTMENT
 2011-2012 BUDGET
 PROJECT NO. 07-00164-01-RS
 DATE: 11-10-2010
 CHECKED BY: E.L.
 DATE: 2-24-2011

CAPITAL PROJECTS DEPARTMENT

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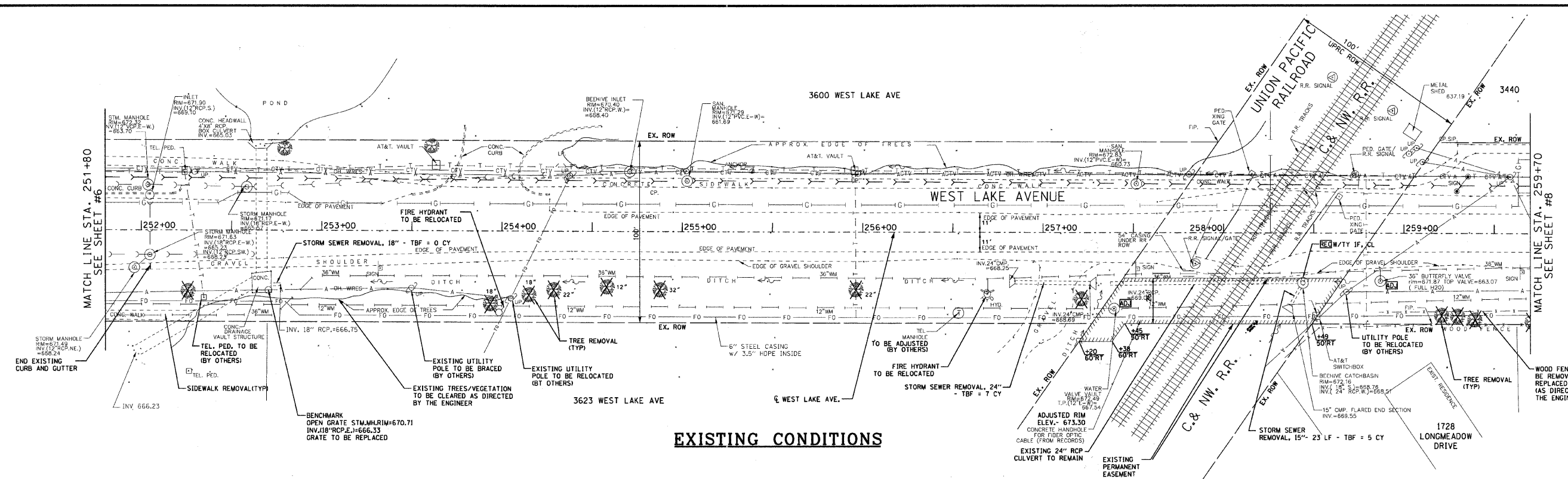


WEST LAKE AVENUE
 CENTENNIAL BIKE TRAIL - SEGMENT #1
 SITE PLAN - EXISTING & PROPOSED CONDITIONS
 PFINGSTEN ROAD TO STA. 251+80

REVISIONS	
NO.	DATE
1	4-18-11
2	6-28-11

DESIGNED BY: E.L.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DATE: 11-10-2010	1284	07-00164-01-RS	COOK	34	6
DRAWN BY: Z.S.					
DATE: 11-10-2010					
CHECKED BY: E.L.	JOB. NO: C-91-275-11	FED. AID PROJECT: TE-00DI (841)			
DATE: 2-24-2011	FED. ROAD DIST. NO. 1	ILLINOIS CONTRACT NO. 63612			





EXISTING CONDITIONS

NOTES:

- NORTH OF THE PROPOSED BIKE TRAIL THE EXISTING GRAVEL OR HMA DRIVEWAY TO BE RESTORED WITH 3" HMA SURFACE PAVEMENT ON 6" HMA BASE. SOUTH OF THE PROPOSED BIKE TRAIL, THE EXISTING DRIVEWAY TO BE RESTORED WITH 6" THICK AGGREGATE (CA 6) MATERIAL. (PAID AS AGGREGATE SURFACE COURSE, TY B).
- AT GRADE CROSSING AND PEDESTRIAN GATES TO BE INSTALLED BY UNION PACIFIC RAILROAD COMPANY.
- PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE: REMOVE EXISTING 18" RCP CORE & BOOT 24" RCP STORM SEWER PIPE AT INVERT ELEVATION 665.50.
- VERIFY ALL UTILITIES, INCLUDING EXISTING FIBER OPTICS AND WATER MAIN LOCATIONS & ELEVATIONS PRIOR TO STORM SEWER INSTALLATION.
- TRENCH FOR STORM SEWER LOCATED IN NON-PAVED AREAS SHALL BE BACKFILLED PER VILLAGE DETAIL U-24 (IN PLANS) AND SHALL BE INCLUDED IN THE COST OF STORM SEWER CONSTRUCTION.

STORM CATCH BASINS

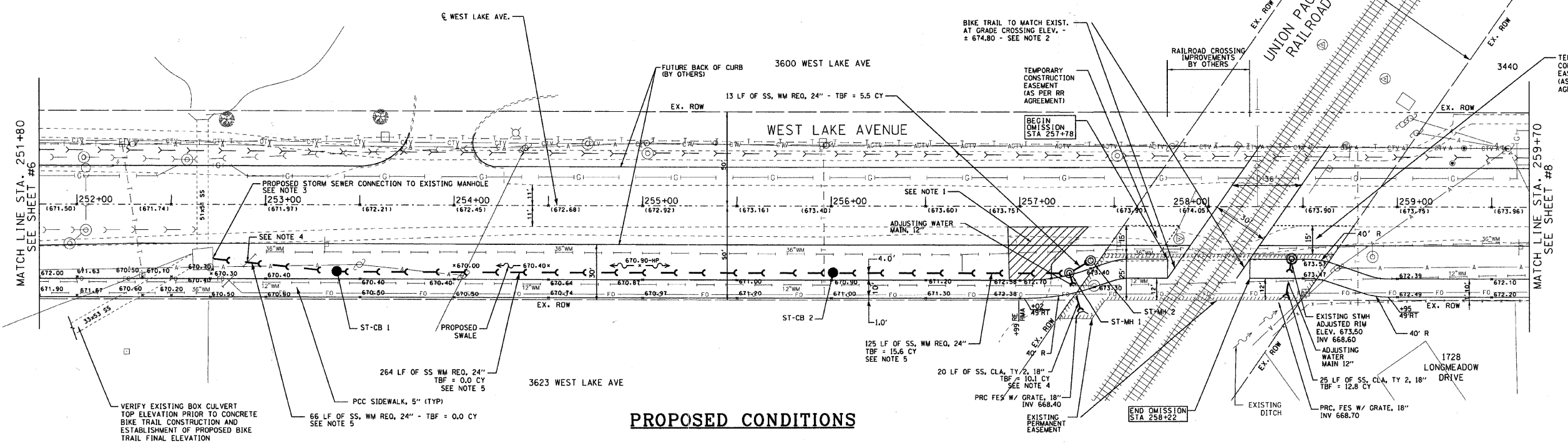
ST-CB 1
CATCH BASIN, TY A, TY 8 GRATE
STA 253+30, 35' RT
RIM 669.50
INV 665.70 24"E.W

ST-CB 2
CATCH BASIN, TY A, TY 8 GRATE
STA 256+01, 35' RT
RIM 670.00
INV 666.25

STORM MANHOLES

ST-MH 1
MANHOLE, TY A, TY 5' DIA, TY 1 F, CL
STA 257+26, 35' RT
RIM 673.00
INV 667.50 24" E.W, 18" S

ST-MH 2
MANHOLE, TY A, 5' DIA, TY 1 F, CL
STA 257+37, 28' RT
RIM 673.20
INV 668.60 EX 24" E
INV 668.00 24" W



PROPOSED CONDITIONS

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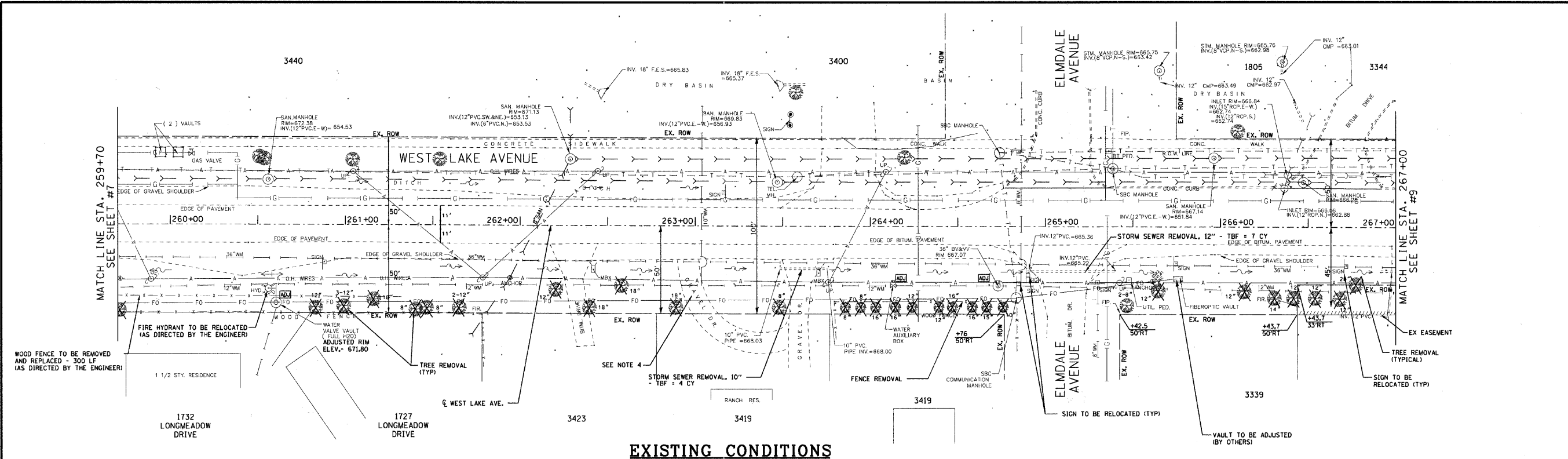
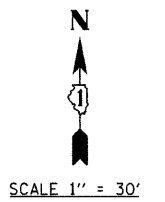
WEST LAKE AVENUE
CENTENNIAL BIKE TRAIL - SEGMENT #1
SITE PLAN - EXISTING & PROPOSED CONDITIONS
STA. 251+80 TO STA. 259+70

REVISIONS

NO.	DATE	DESCRIPTION
1	4-18-11	PER IDOT COMMENTS
2	6-28-11	PER IDOT COMMENTS

DESIGNED BY: E.L.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DATE: 11-10-2010	1284	07-00164-01-RS	COOK	34	7
DRAWN BY: Z.S.					
DATE: 11-10-2010					
CHECKED BY: E.L.	JOB NO: C-91-275-11	FED. AID PROJECT: TE-001 (841)			
DATE: 2-24-2011	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT:			





EXISTING CONDITIONS

NOTES:

- EXISTING HMA DRIVEWAY TO BE RESTORED WITH HMA BASE COURSE, 6" & 2" HMA SURFACE PAVEMENT COURSE, MIX C H50.
- PAVEMENT SAWCUT & CLASS D PATCH FOR STORM SEWER PIPE INSTALLATION, AS DIRECTED BY THE ENGINEER.
- ONE OF THE EXISTING GRANULAR DRIVEWAYS SHOULD BE ELIMINATED. COORDINATE WITH THE PROPERTY OWNER AND THE ENGINEER.

STORM INLETS

ST-IN 2
INLET, TY A, TY 8 GRATE
STA 264+68, 24.5' RT
RIM 666.80
INV 663.30 12" N

ST-IN 3
INLET, TY A, TY 8 GRATE
STA 266+92, 24.5' RT
RIM 663.60
INV 660.20 12" N

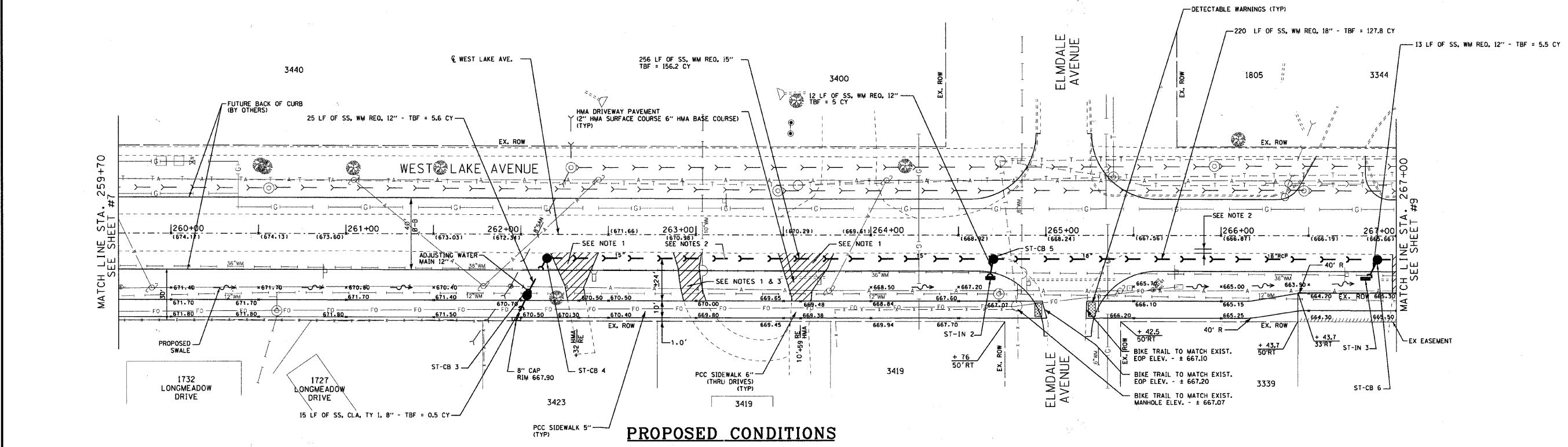
STORM CATCHBASINS

ST-CB 3
CATCH BASIN, TY C, 2' DIA, TY 8 GRATE
STA 264+70, 14' RT
RIM 668.60
INV 667.80 12" N, 8" S

ST-CB 4
CATCH BASIN, TY A, 4' DIA, TY 1 F, CL
STA 262+15, 14' RT
RIM 662.40
INV 666.00 15" E, 12" S

ST-CB 5
CATCH BASIN, TY A, 4' DIA, TY 1 F, OL
STA 264+70, 14' RT
RIM 668.60
INV 663.00 18" E, 15" W, 12" S

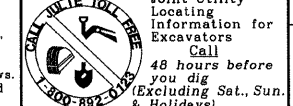
ST-CB 6
CATCH BASIN, TY A, 4' DIA, TY 1 F, OL
STA 266+89, 14' RT
RIM 662.20
INV 660.00 18" W, E, 12" S



PROPOSED CONDITIONS

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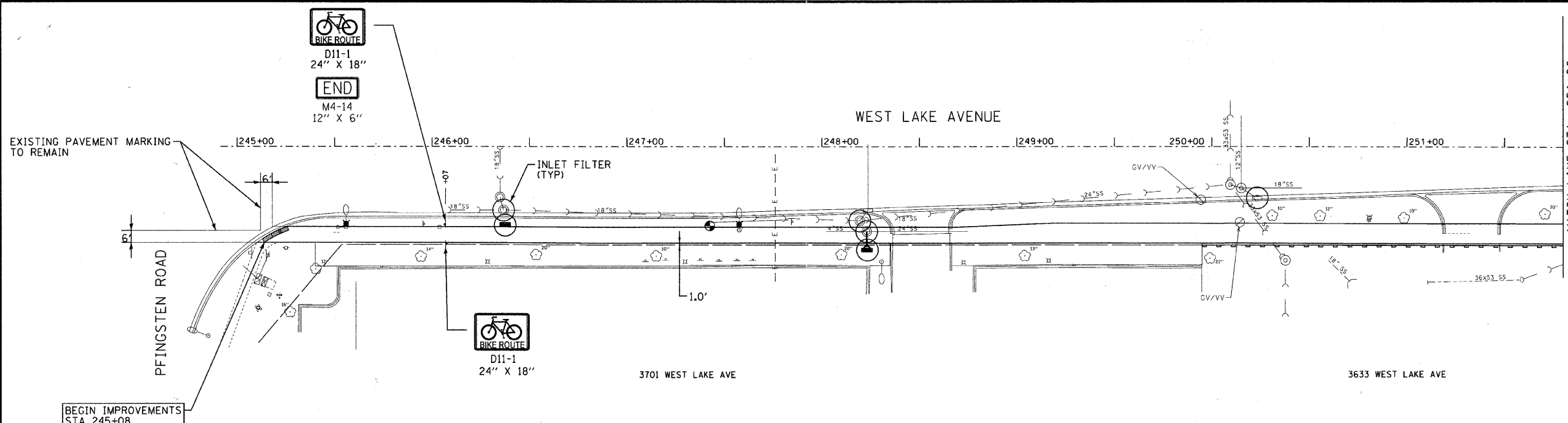


WEST LAKE AVENUE
CENTENNIAL BIKE TRAIL - SEGMENT #1
SITE PLAN - EXISTING & PROPOSED CONDITIONS
STA. 259+70 TO STA. 267+00

REVISIONS		
NO.	DATE	DESCRIPTION
1	4-18-11	PER IDOT COMMENTS
2	8-28-11	PER IDOT COMMENTS

DESIGNED BY: E.L.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DATE: 11-10-2010	1284	07-00164-01-RS	COOK	34	8
DRAWN BY: Z.S.	JOB NO: C-91-275-11	FED. AID PROJECT: TE-00D1 (841)			
DATE: 11-10-2010	FED. ROAD DIST. NO. 1	ILLINOIS CONTRACT NO. 83612			
CHECKED BY: E.L.	DATE: 2-24-2011				





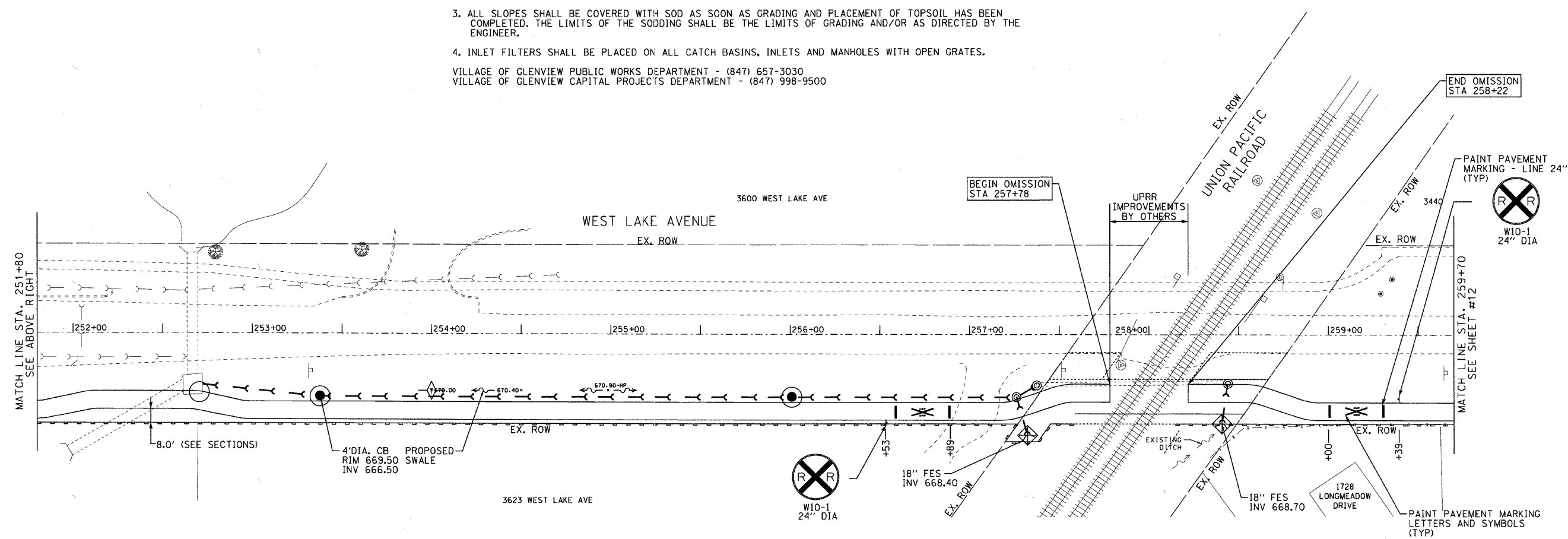
EROSION CONTROL LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION
- INLET FILTER

NOTES:

1. ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA).
2. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH SOIL RUNOFF PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF SAID MEASURES SHALL BE MADE IMMEDIATELY (THE SAME DAY).
3. ALL SLOPES SHALL BE COVERED WITH SOD AS SOON AS GRADING AND PLACEMENT OF TOPSOIL HAS BEEN COMPLETED. THE LIMITS OF THE SODDING SHALL BE THE LIMITS OF GRADING AND/OR AS DIRECTED BY THE ENGINEER.
4. INLET FILTERS SHALL BE PLACED ON ALL CATCH BASINS, INLETS AND MANHOLES WITH OPEN GRATES.

VILLAGE OF GLENVIEW PUBLIC WORKS DEPARTMENT - (847) 657-3030
 VILLAGE OF GLENVIEW CAPITAL PROJECTS DEPARTMENT - (847) 998-9500



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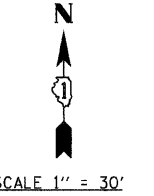


WEST LAKE AVENUE
 CENTENNIAL BIKE TRAIL - SEGMENT #1
 EROSION CONTROL, PAVEMENT MARKING, AND SIGNAGE PLAN
 PFINGSTEN ROAD TO STA. 259+70

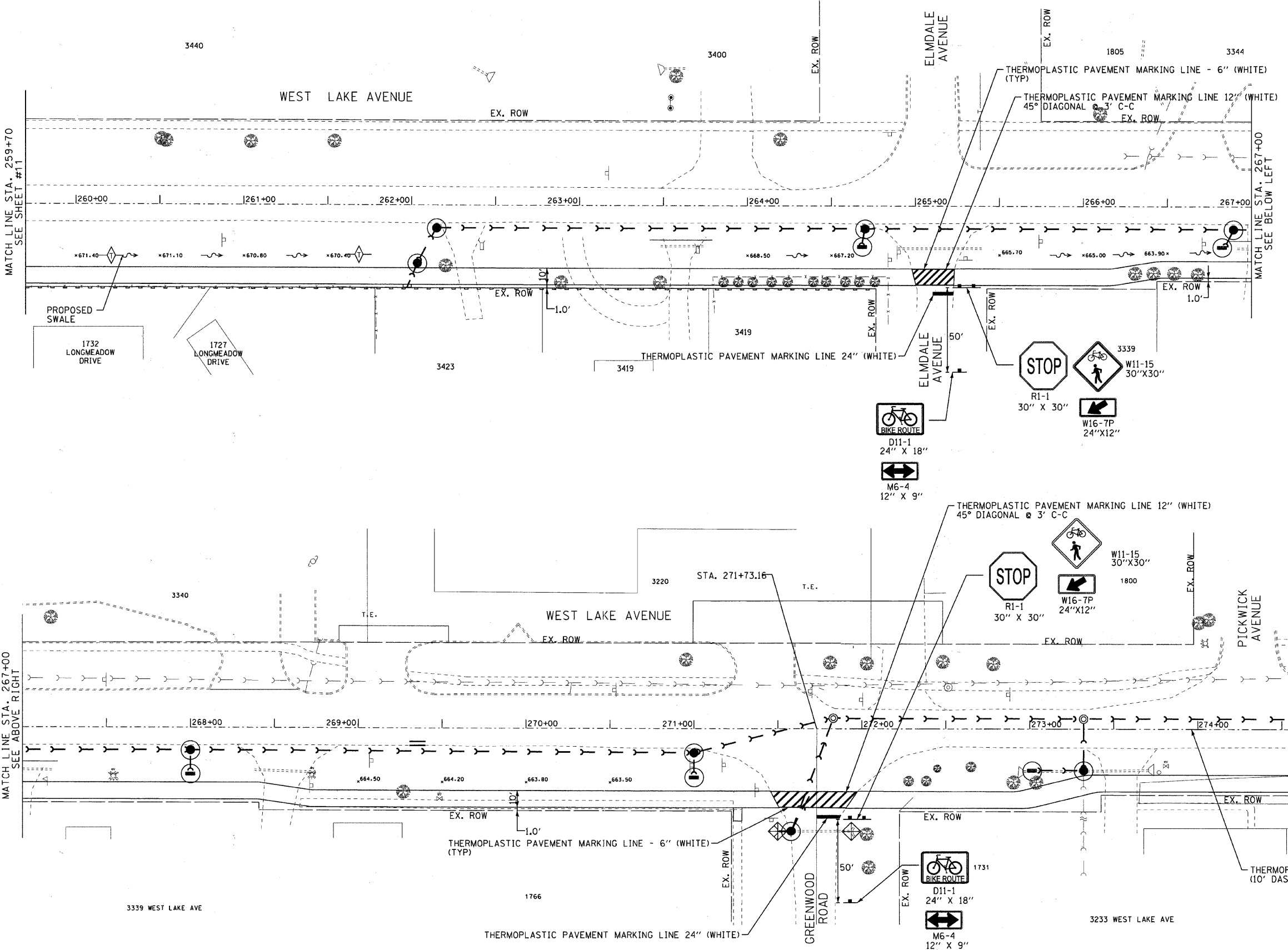
REVISIONS

NO.	DATE	DESCRIPTION
1	4-18-11	PER IDOT COMMENTS

DESIGNED BY: E.L.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DATE: 11-10-2010	1284	07-00164-01-RS	COOK	34	11
DRAWN BY: Z.S.					
DATE: 11-10-2010					
CHECKED BY: E.L.	JOB NO: C-91-275-11	FED. AID PROJECT: TE-00D1 (841)			
DATE: 2-24-2011	FED. ROAD DIST. NO. 1	ILLINOIS CONTRACT NO. 63612			



EROSION CONTROL LEGEND	
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECKS
	INLET AND PIPE PROTECTION
	INLET FILTER



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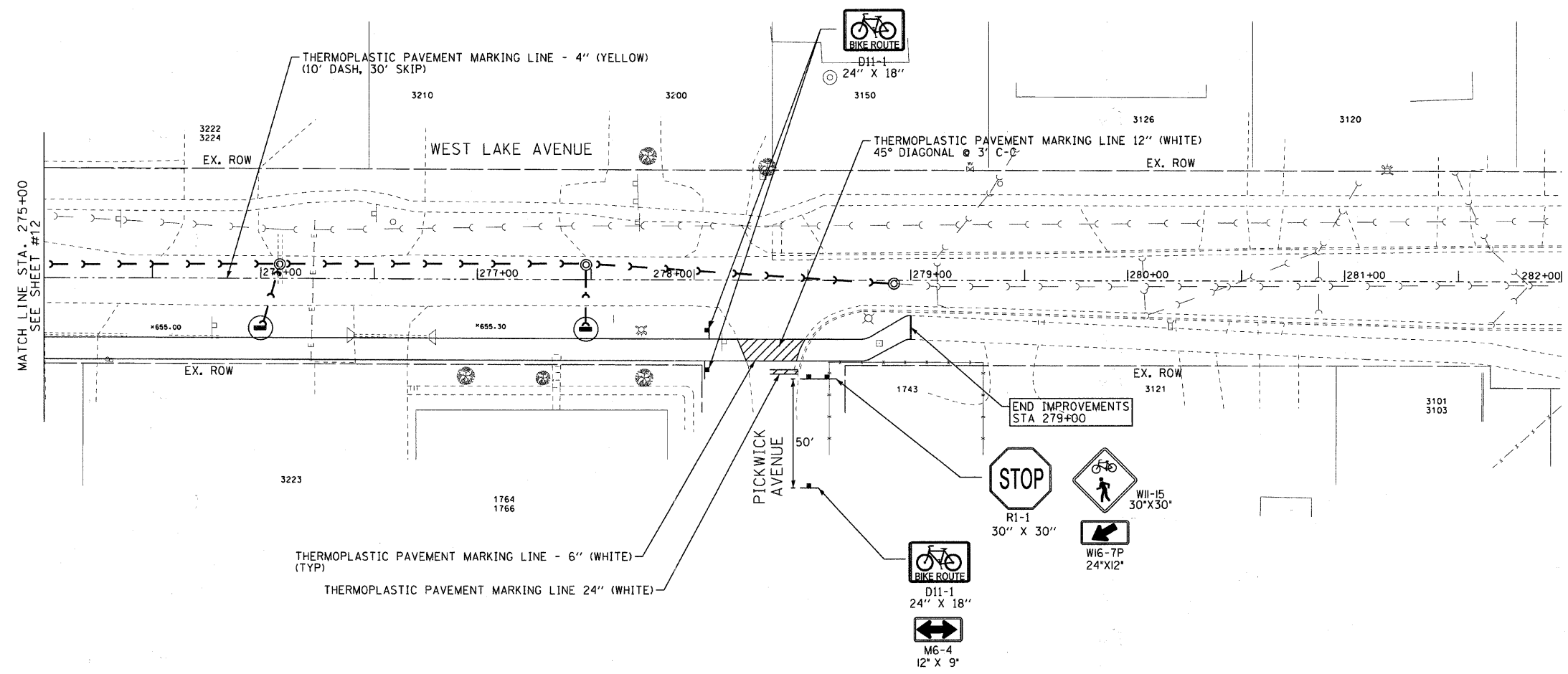
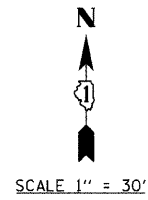


WEST LAKE AVENUE
 CENTENNIAL BIKE TRAIL - SEGMENT #1
 EROSION CONTROL, PAVEMENT MARKING, AND SIGNAGE PLAN
 STA. 259+70 TO STA. 275+00

REVISIONS		
NO.	DATE	DESCRIPTION
1	4-18-11	PER IDOT COMMENTS

DESIGNED BY: E.L.	F.A.U. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DATE: 11-10-2010	1284	07-00164-01-RS	34	12
DRAWN BY: Z.S.	JOB NO: C-91-275-11	FED. AID PROJECT: TE-00D1 (841)		
DATE: 11-10-2010	FED. ROAD DIST. NO. 1	ILLINOIS CONTRACT NO. 63612		
CHECKED BY: E.L.				
DATE: 2-24-2011				





EROSION CONTROL LEGEND	
	PERIMETER EROSION BARRIER
	TEMPORARY DITCH CHECKS
	INLET AND PIPE PROTECTION
	INLET FILTER

TREE SCHEDULE

NOTE: THE LOCATION OF THE PROPOSED TREES SHALL BE DETERMINED AND APPROVED IN THE FIELD BY THE VILLAGE FORESTER (847-657-3030) AND THE ENGINEER.

AS DIRECTED BY THE ENGINEER, PROPOSED TREES OR SHRUBS NOT USED WITHIN THE PROJECT LIMITS SHALL BE DELIVERED TO THE VILLAGE OF GLENVIEW PUBLIC WORKS DEPARTMENT AND SHALL BE INCLUDED IN THE COST OF PROPOSED TREE OR SHRUB INSTALLATION.

B0002740	TREE, BAUMAN COMMON HORSECHESTNUT, 4" CALIPER, BALLED AND BURLAPPED	EACH	5
A2002924	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 3" CALIPER, BALLED AND BURLAPPED	EACH	5
A2005024	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 3" CALIPER, BALLED AND BURLAPPED	EACH	5
A2006524	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK) 3" CALIPER, BALLED AND BURLAPPED	EACH	5
A2006726	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	5
A2007924	TREE, TILIA AMERICANA REDMOND (REDMOND AMERICAN LINDEN), 3" CALIPER, BALLED AND BURLAPPED	EACH	5
B2006322	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 3" CALIPER, BALLED AND BURLAPPED	EACH	5

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 PROJECT: WEST LAKE AVENUE, GLENVIEW, ILLINOIS
 DATE: 6/29/2011 12:35:59 PM

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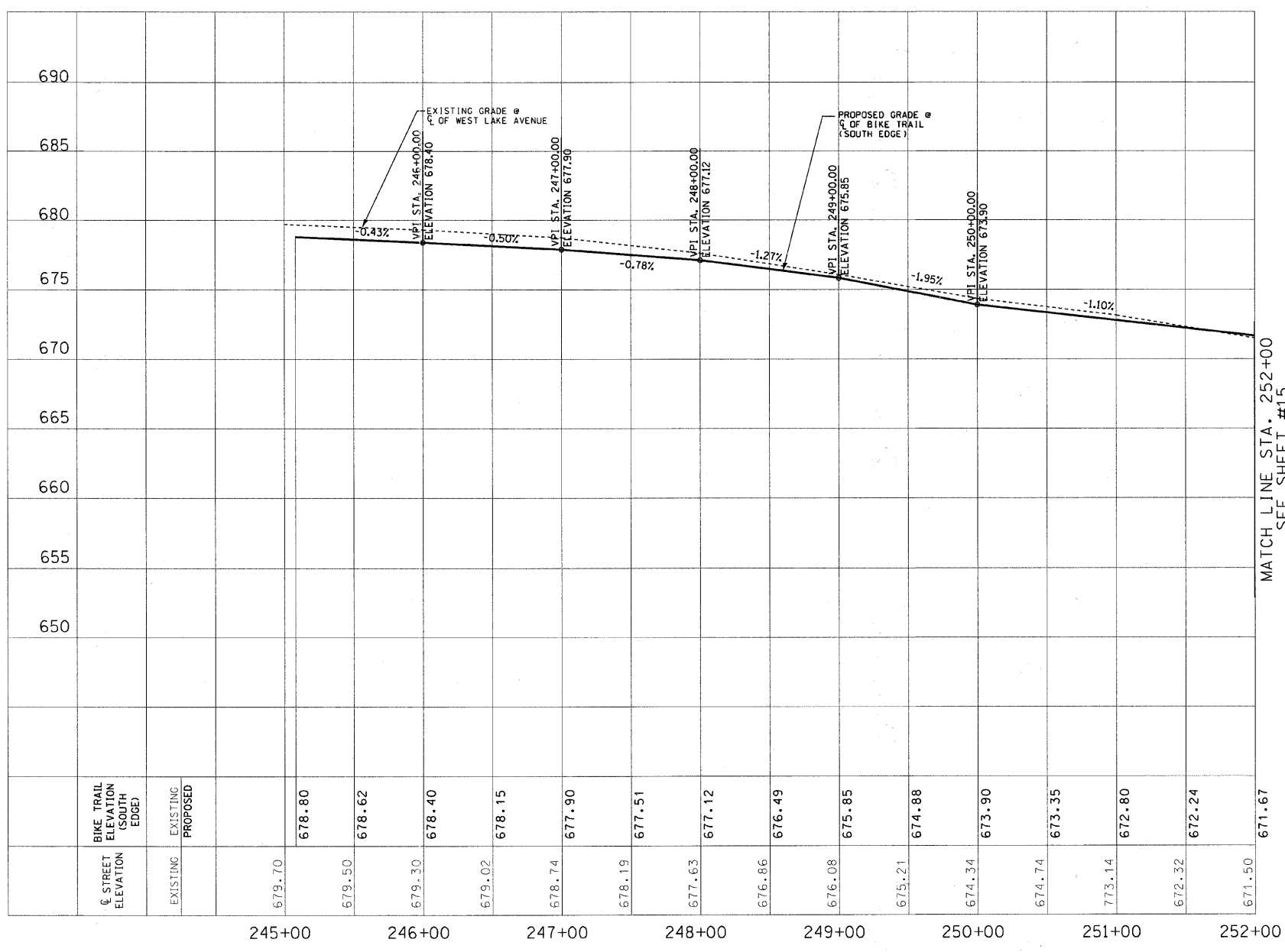
WEST LAKE AVENUE
 CENTENNIAL BIKE TRAIL - SEGMENT #1
 EROSION CONTROL, PAVEMENT MARKING, AND SIGNAGE PLAN
 STA. 275+00 TO STA. 282+00

REVISIONS		
NO.	DATE	DESCRIPTION
1	4-18-11	PER IDOT COMMENTS

DESIGNED BY: E.L.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DATE: 11-10-2010	1284	07-00164-01-RS	COOK	34	13
DRAWN BY: Z.S.	JOB. NO: C-91-275-11	FED. AID PROJECT: TE-00D1 (841)			
DATE: 11-10-2010	FED. ROAD DIST. NO. 1	ILLINOIS CONTRACT NO. 83612			
CHECKED BY: E.L.					
DATE: 2-24-2011					



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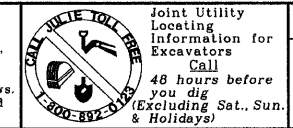


MATCH LINE STA. 252+00
SEE SHEET #15



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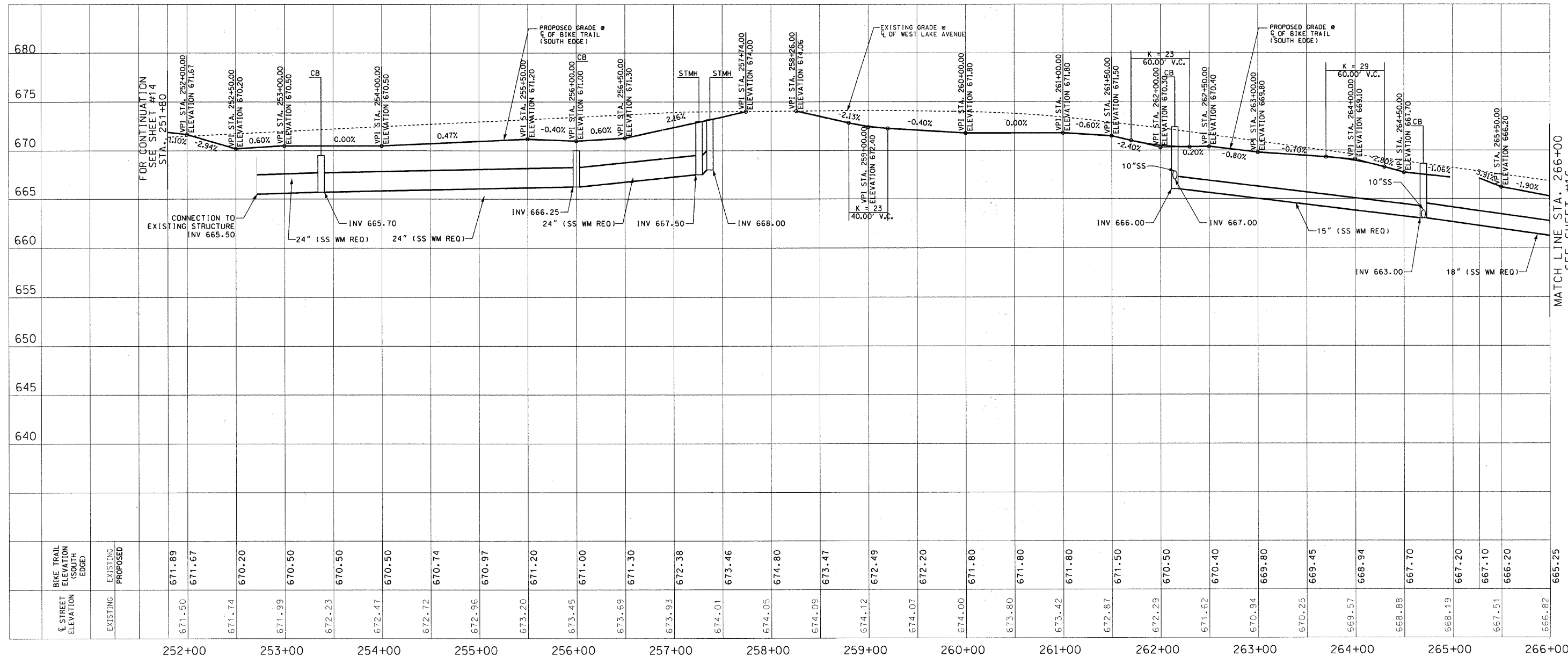


WEST LAKE AVENUE
 BIKE TRAIL & STORM SEWER PROFILE
 STA. 245+00 TO STA. 252+00

REVISIONS		
NO.	DATE	DESCRIPTION

DESIGNED BY: E.L.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DATE: 11-10-2010	1284	07-00164-01-RS	COOK	34	14
DRAWN BY: Z.S.	JOB NO: C-91-275-11		FED. AID PROJECT: TE-00D1 (841)		
DATE: 11-10-2010	FED. ROAD DIST. NO. 1		ILLINOIS CONTRACT NO. 83612		
CHECKED BY: E.L.					
DATE: 2-24-2011					

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BIKE TRAIL ELEVATION (SOUTH EDGE)	C STREET ELEVATION	EXISTING	PROPOSED	STATION
671.89	671.50			252+00
671.67	671.74			253+00
670.20	671.99			253+00
670.50	672.23			253+00
670.50	672.47			254+00
670.74	672.72			254+00
670.97	672.96			255+00
671.20	673.20			255+00
671.00	673.45			256+00
671.30	673.69			256+00
672.38	673.93			257+00
673.46	674.01			257+00
674.80	674.05			258+00
673.47	674.09			258+00
672.49	674.12			259+00
672.20	674.07			260+00
671.80	674.00			260+00
671.80	673.80			261+00
671.80	673.42			261+00
671.50	672.87			262+00
670.50	672.29			262+00
670.40	671.62			263+00
669.80	670.94			263+00
669.45	670.25			264+00
668.94	669.57			264+00
667.70	668.88			265+00
667.20	668.19			265+00
667.10	667.51			266+00
666.20	666.82			266+00

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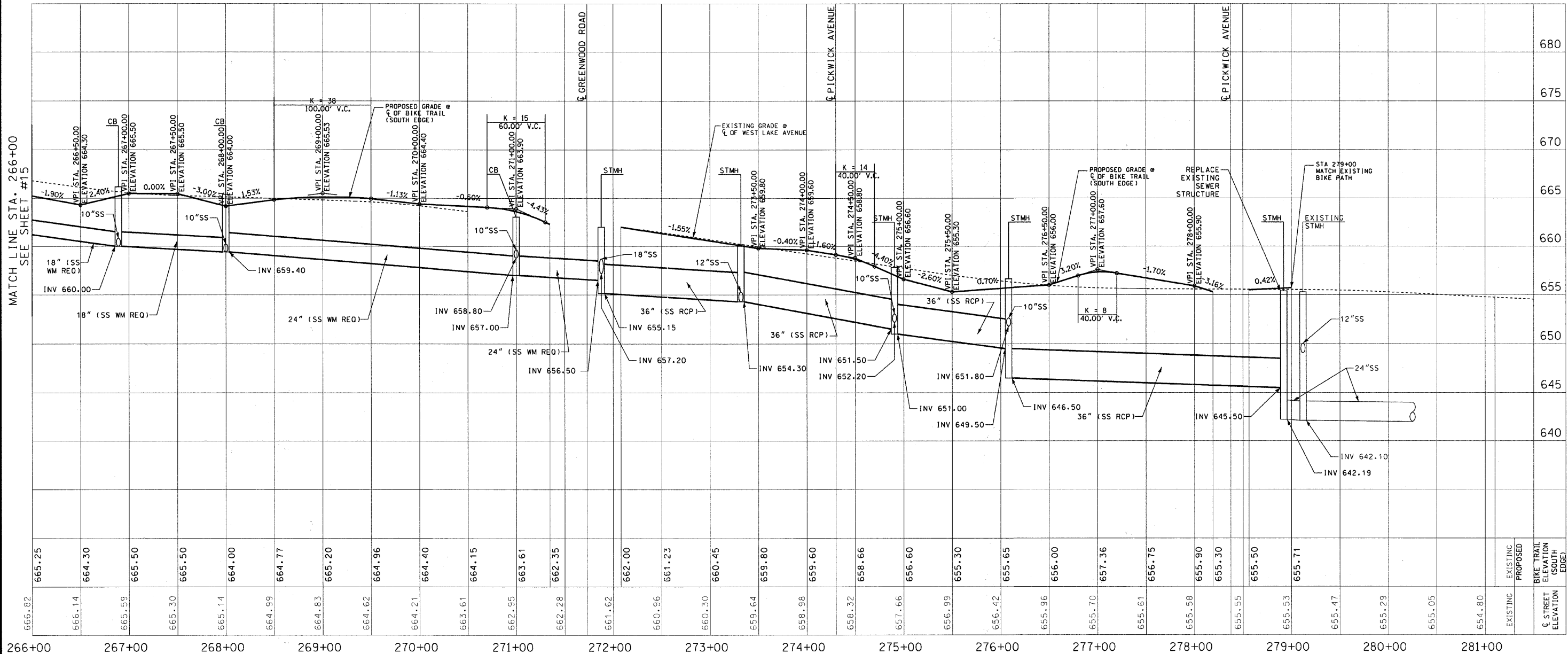


WEST LAKE AVENUE
 BIKE TRAIL & STORM SEWER PROFILE
 STA. 251+80 TO STA. 266+00

REVISIONS		
NO.	DATE	DESCRIPTION

DESIGNED BY: E.L.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DATE: 11-10-2010	1284	07-00164-01-RS	COOK	34	15
DRAWN BY: Z.S.	JOB NO: C-91-275-11	FED. AID PROJECT: TE-00D1 (841)			
DATE: 11-10-2010	FED. ROAD DIST. NO. 1	ILLINOIS CONTRACT NO. 63612			
CHECKED BY: E.L.					
DATE: 2-24-2011					



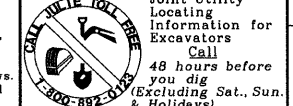


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666.82	665.25	266+00
666.14	664.30	267+00
665.59	665.50	268+00
665.30	665.50	269+00
665.14	664.00	270+00
664.99	664.77	271+00
664.83	665.20	272+00
664.62	664.96	273+00
664.21	664.40	274+00
663.61	664.15	275+00
662.95	663.61	276+00
662.28	662.35	277+00
661.62	662.00	278+00
660.96	661.23	279+00
660.30	660.45	280+00
659.64	659.80	281+00
658.98	659.60	
658.32	658.66	
657.66	656.60	
656.99	655.30	
656.42	655.65	
655.96	656.00	
655.70	657.36	
655.61	656.75	
655.58	655.90	
655.55	655.30	
655.53	655.50	
655.47	655.71	
655.29		
655.05		
654.80		
	EXISTING	BIKE TRAIL ELEVATION (SOUTH EDGE)
	PROPOSED	BIKE TRAIL ELEVATION (SOUTH EDGE)

CAPITAL PROJECTS DEPARTMENT

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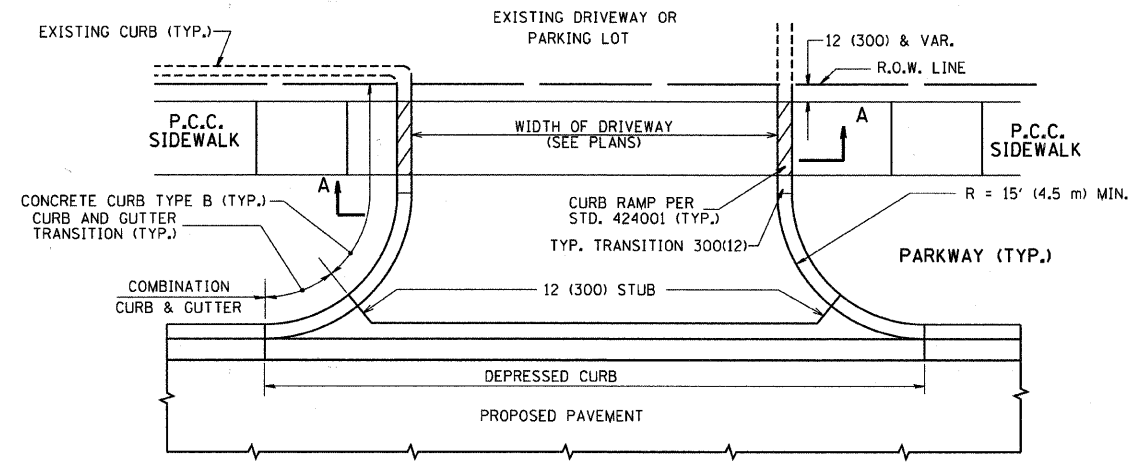


WEST LAKE AVENUE
 BIKE TRAIL & STORM SEWER PROFILE
 STA. 251+00 TO STA. 281+10

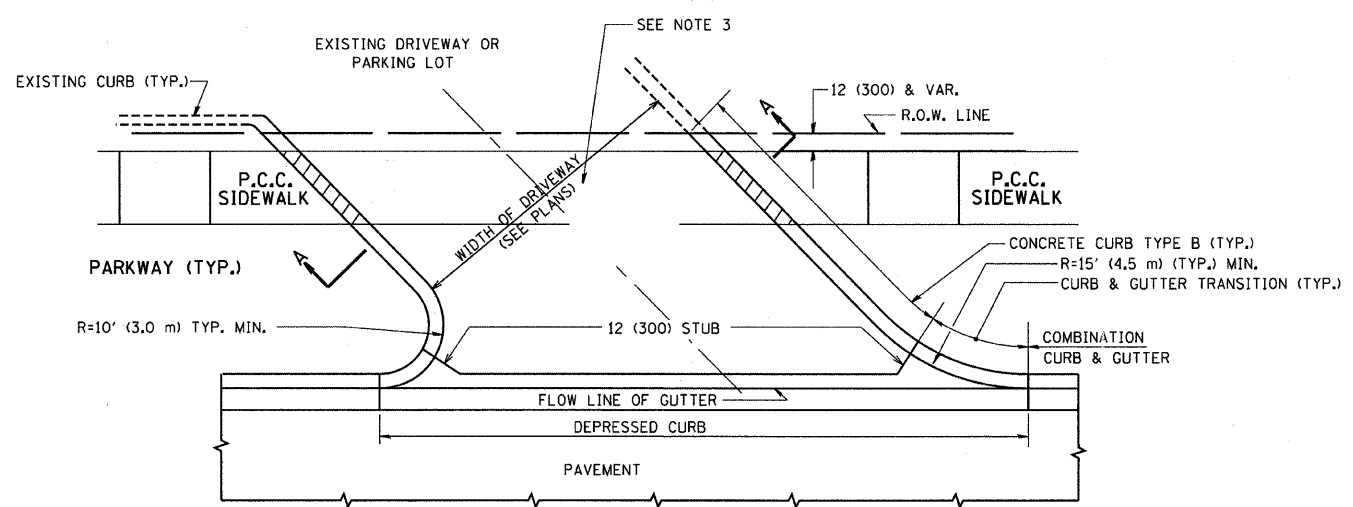
REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED

DESIGNED BY: E.L.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DATE: 11-10-2010	1284	07-00164-01-RS	COOK	34	18
DRAWN BY: Z.S.	JOB NO: C-91-275-11	FED. AID PROJECT: TE-00DI (841)			
DATE: 11-10-2010	FED. ROAD DIST. NO. 1	ILLINOIS CONTRACT NO. 83812			
CHECKED BY: E.L.					
DATE: 2-24-2011					

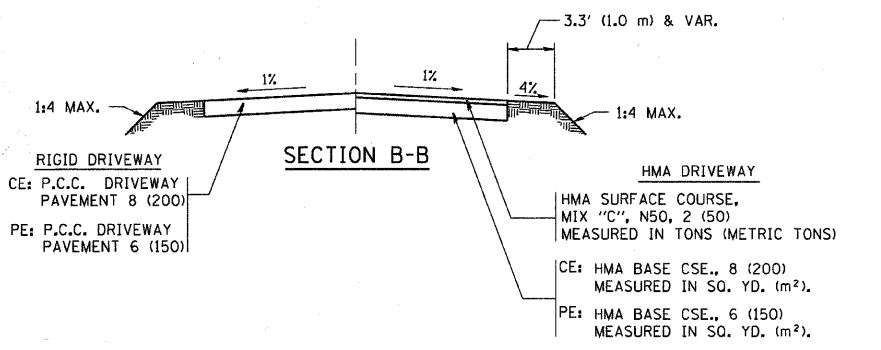
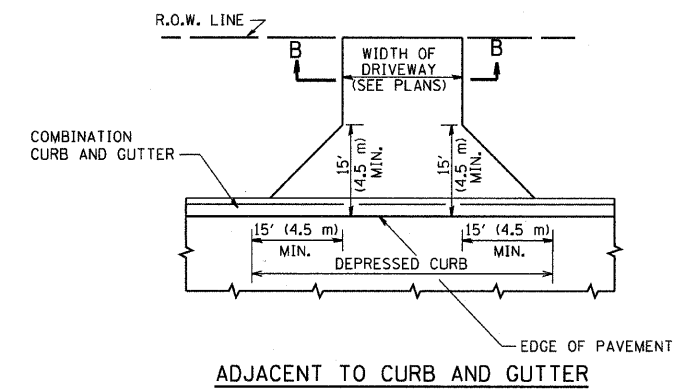
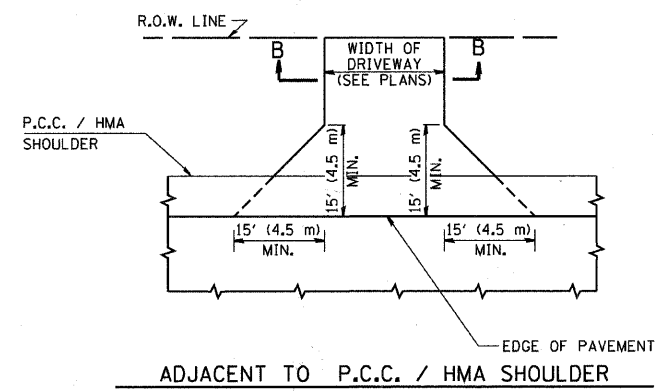
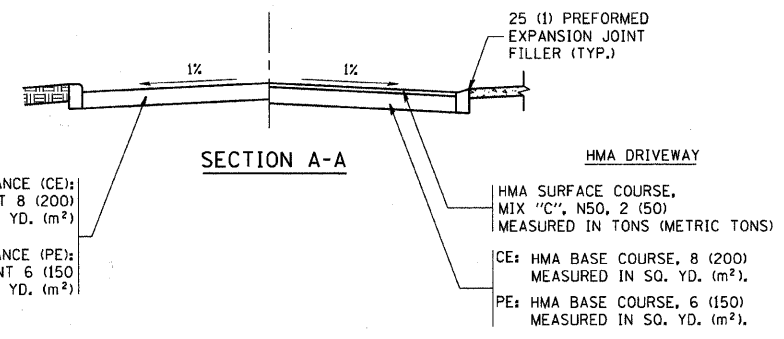




WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

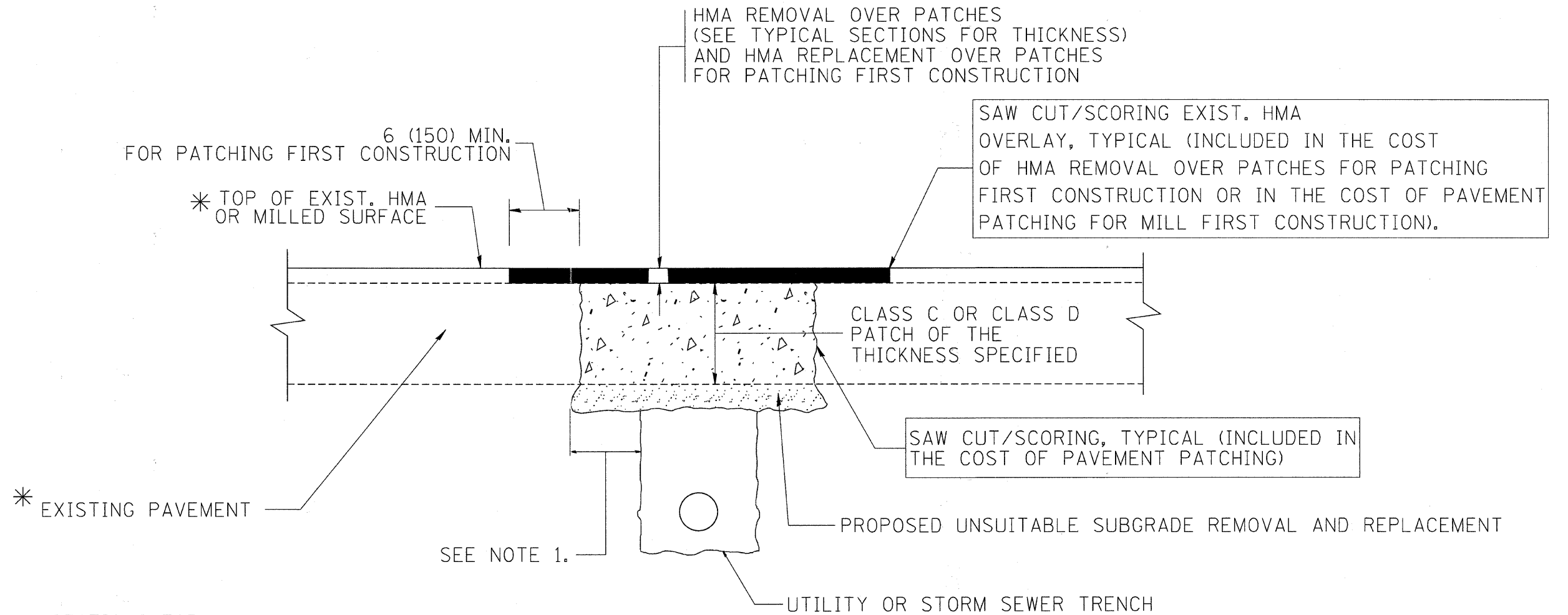
THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

FILE NAME = c:\projects\diststd22x34\bd01.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)			F.A.L.L. RTE. 1284	SECTION 07-00164-01-RS	COUNTY COOK	TOTAL SHEETS 34	SHEET NO. 19
PLOT SCALE = 49,9999' / IN.	PLOT DATE = 6/12/2008	DRAWN -	REVISED - P. LGFLUER 04-15-03		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	BD0156-07 (BD-01)			
		CHECKED -	REVISED - R. BORO 01-01-07		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TE-00D1(841)							
		DATE - 11-04-95	REVISED - R. BORO 06-11-08		JOB NO. C-91-275-11							



* 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)

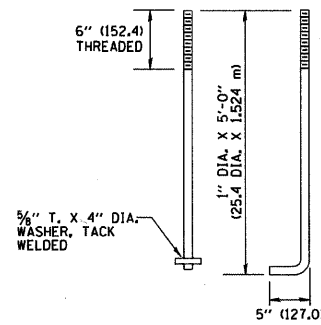
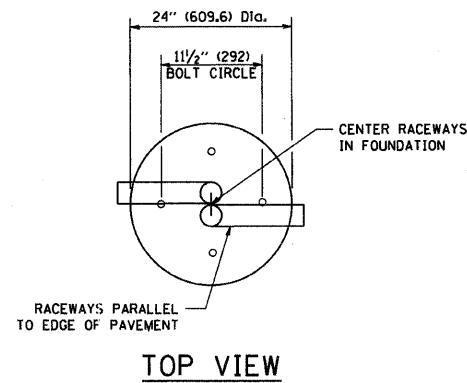
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

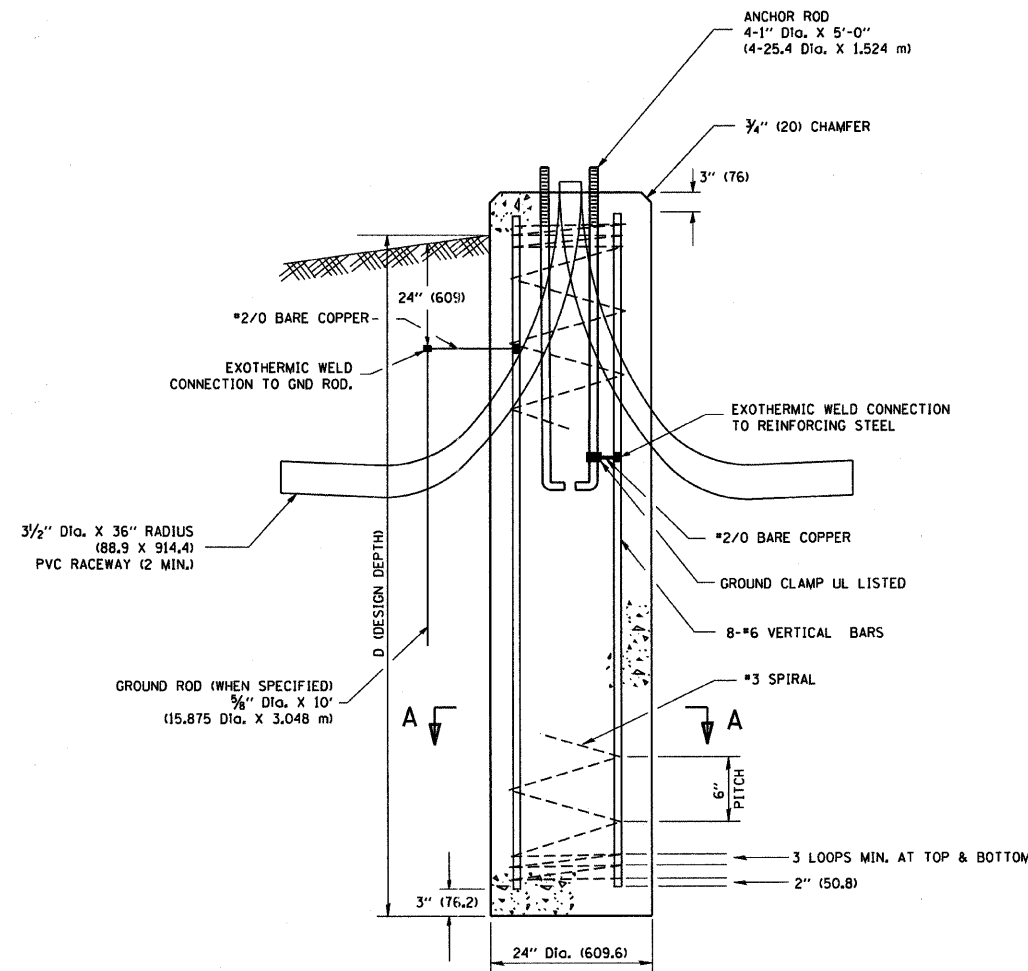
FILE NAME = c:\projects\diststd22x34\bd22.dgn	USER NAME = bouerd	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED - R. BORO 01-01-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	1284	07-00164-01-RS	COOK	34	20
		CHECKED -	REVISED - R. BORO 09-04-07					BD400-04 (BD-22)		CONTRACT NO.			
		DATE - 10-25-94	REVISED - K. ENG 10-27-08					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TE-00D1(841)			JOB NO. C-91-275-11		

LIGHT POLE FOUNDATION DEPTH TABLE
30 FT. (9.144 m) TO 35 FT. (10.668 m) MOUNTING HEIGHT

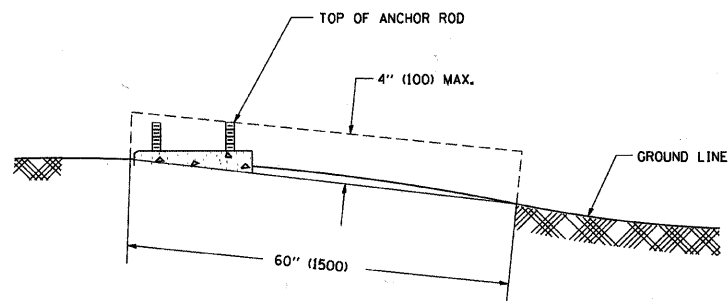
SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SO. FT.	11'-0" (3.35 m)	12'-8" (3.85 m)
MEDIUM CLAY Qu = 0.75 TON/SO.FT	9'-0" (2.74 m)	14'-10" (4.52 m)
STIFF CLAY Qu = 1.50 TON/SO. FT.	7'-6" (2.29 m)	8'-7" (2.61 m)
LOOSE SAND φ = 34°	9'-6" (2.90 m)	10'-7" (3.22 m)
MEDIUM SAND φ = 37.5°	9'-0" (2.74 m)	9'-10" (2.99 m)
DENSE SAND φ = 40°	8'-3" (2.51 m)	9'-7" (2.91 m)



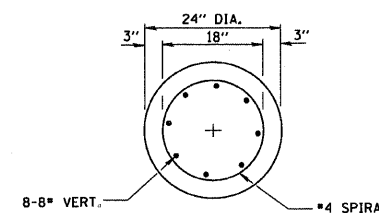
ANCHOR BOLT DETAIL



FOUNDATION DETAIL



FOUNDATION EXTENSION DETAIL

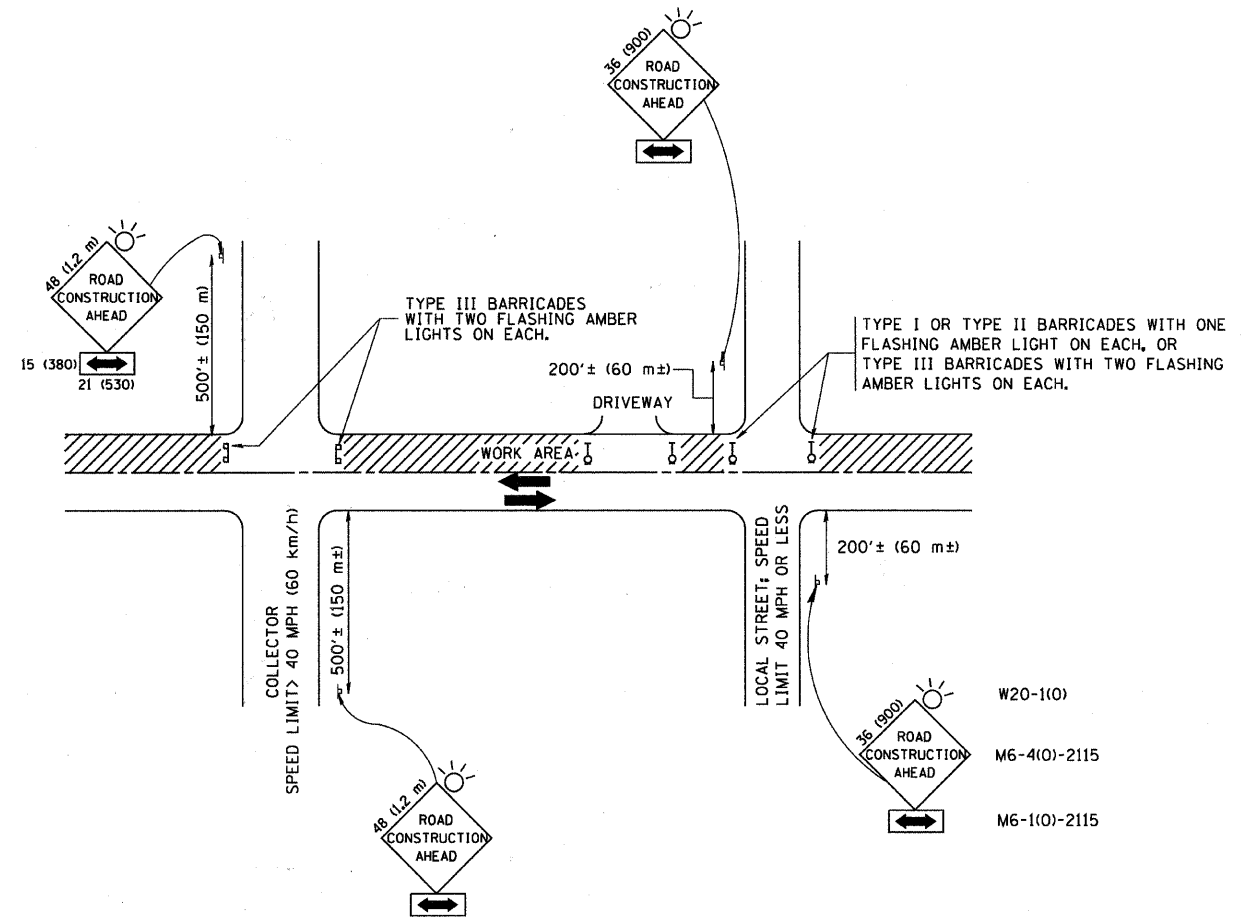


SECTION A-A

NOTES

- ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
- THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED.
- THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 4 IN. (100 mm) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
- THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
- THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3/4-IN. (20 mm).
- THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
- THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
- THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
- ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UMG MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
- THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
- ANCHOR RODS SHALL PROJECT 2 3/4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
- THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
- THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
- THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.

FILE NAME = W:\dststd\22x34\be300.dgn	USER NAME = gajlianabt	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHT POLE FOUNDATION			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 58.0000' / IN.	DRAWN -	REVISED -		30' (9.144 m) TO 35' (10.668 m) M.H. 11 1/2" (292 mm) BOLT CIRCLE			1284	07-00164-01-RS	COOK	34	21
	PLOT DATE = 1/4/2008	CHECKED -	REVISED -		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.			BE-300		CONTRACT NO.		
		DATE -	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TE-005(841)				



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.

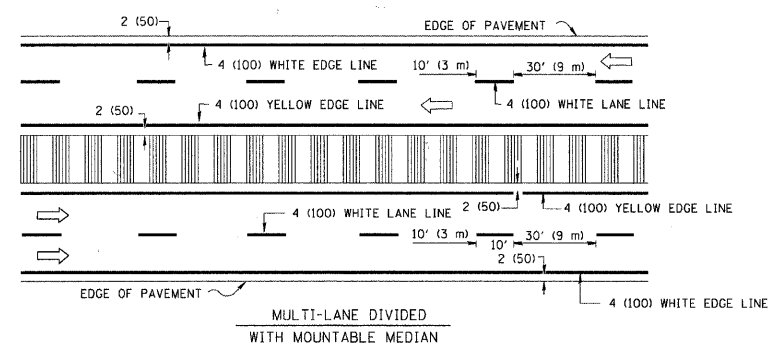
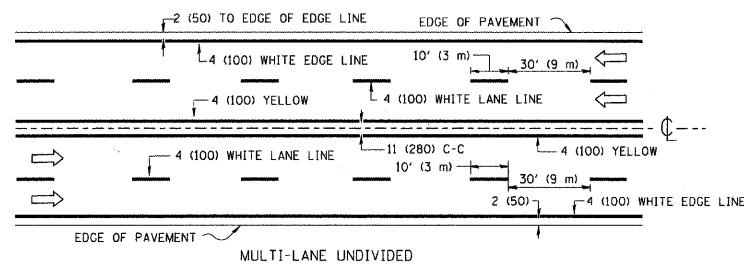
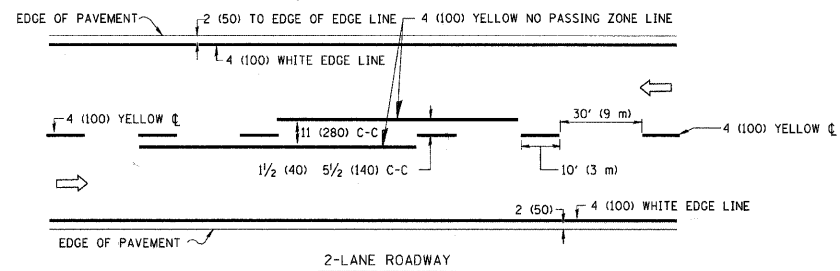
All dimensions are in millimeters (inches) unless otherwise shown.

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		DRAWN -	REVISED - A. HOUSEH 03-06-96
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

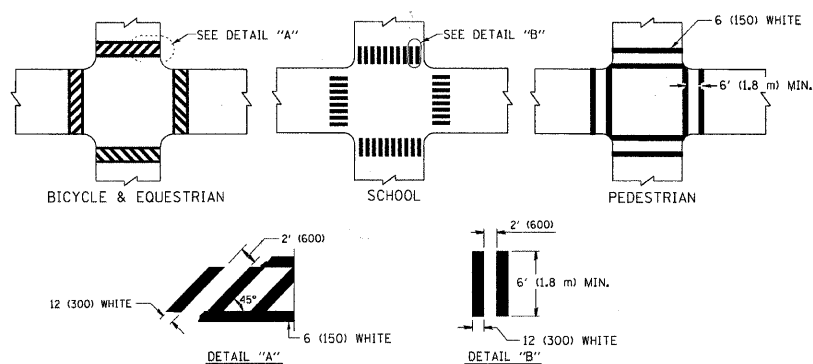
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1284	07-00164-01-RS	COOK	34	22
TC-10			CONTRACT NO.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TE-00D(841)				
JOB NO. C-91-275-11				

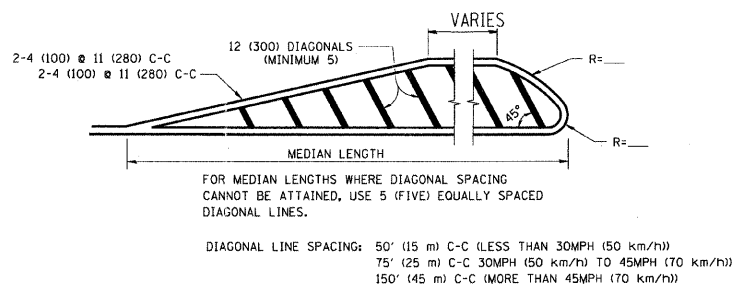
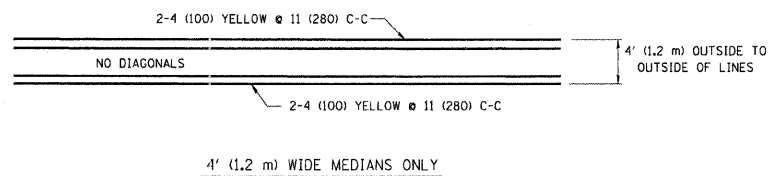


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

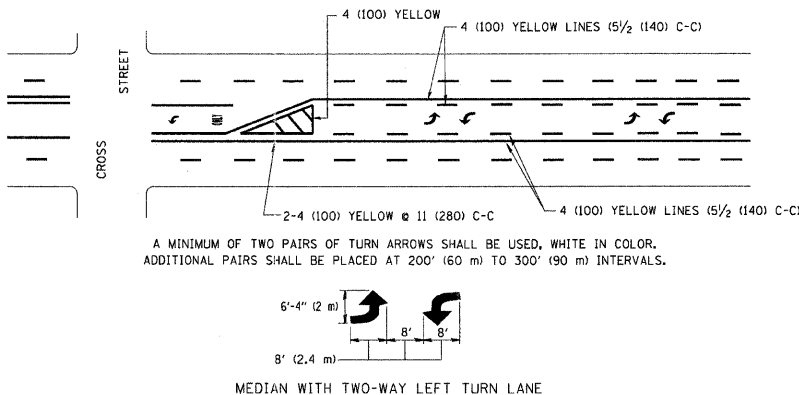
TYPICAL LANE AND EDGE LINE MARKING



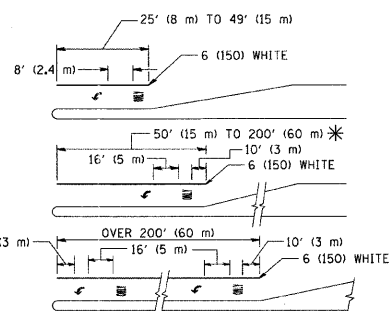
TYPICAL CROSSWALK MARKING



MEDIANS OVER 4' (1.2 m) WIDE



TYPICAL PAINTED MEDIAN MARKING

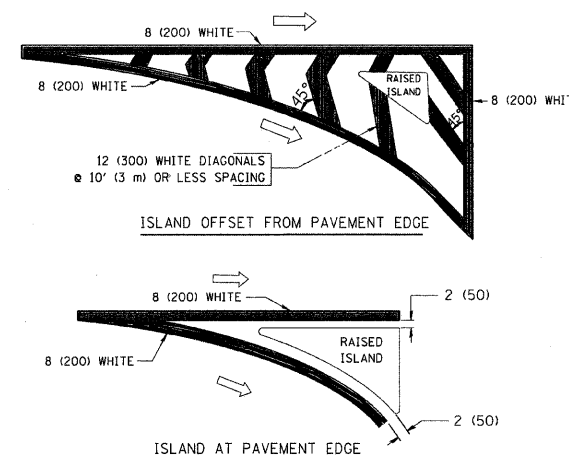


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

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

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION	4 (100)	SOLID	YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100)	SKIP-DASH	WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
	5 (125) ON FREEWAYS	SKIP-DASH	WHITE	
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN)	2 @ 6 (150)	SOLID	WHITE	NOT LESS THAN 6' (1.8 m) APART
A. DIAGONALS (BIKE & EQUESTRIAN)	12 (300) @ 45°	SOLID	WHITE	2' (600) APART
B. LONGITUDINAL BARS (SCHOOL)	12 (300) @ 90°	SOLID	WHITE	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	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
	NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS			
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 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.

FILE NAME =	USER NAME = drivakosgn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
c:\pwork\pwork\drivakosgn\d0108315\3.dgn		DRAWN -	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

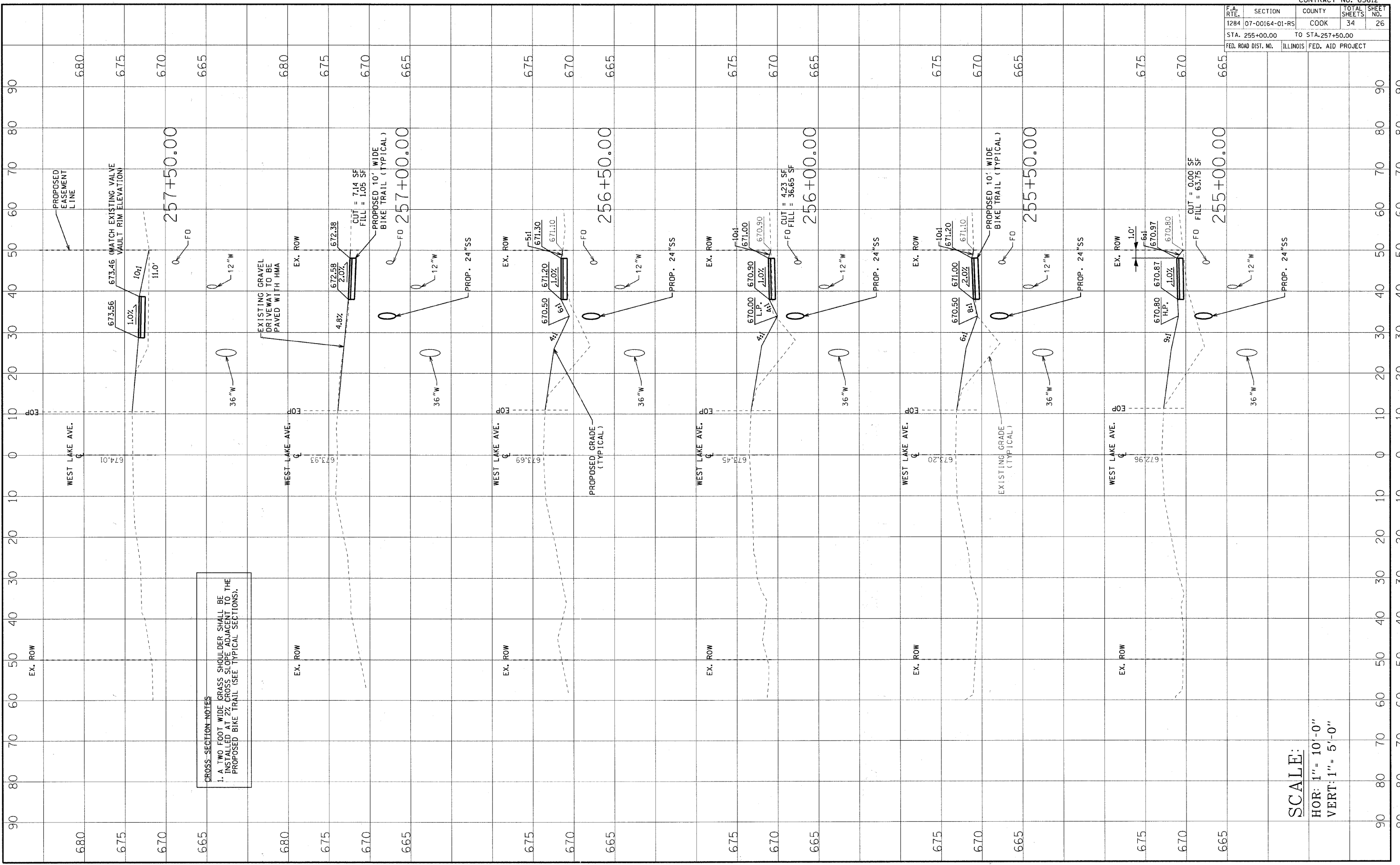
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1284	07-00164-01-RS	COOK	34	23
TC-13		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT TE-00D1(841)				
JOB NO. C-91-275-11				

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
1284	07-00164-01-R5	COOK	34
STA. 255+00.00		TO STA. 257+50.00	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
NO. _____	_____
BY _____	_____

ORIGINAL SURVEY	DATE
NO. _____	_____
BY _____	_____

PLOT DATE = 6/20/2011
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 USER NAME = 522-hm



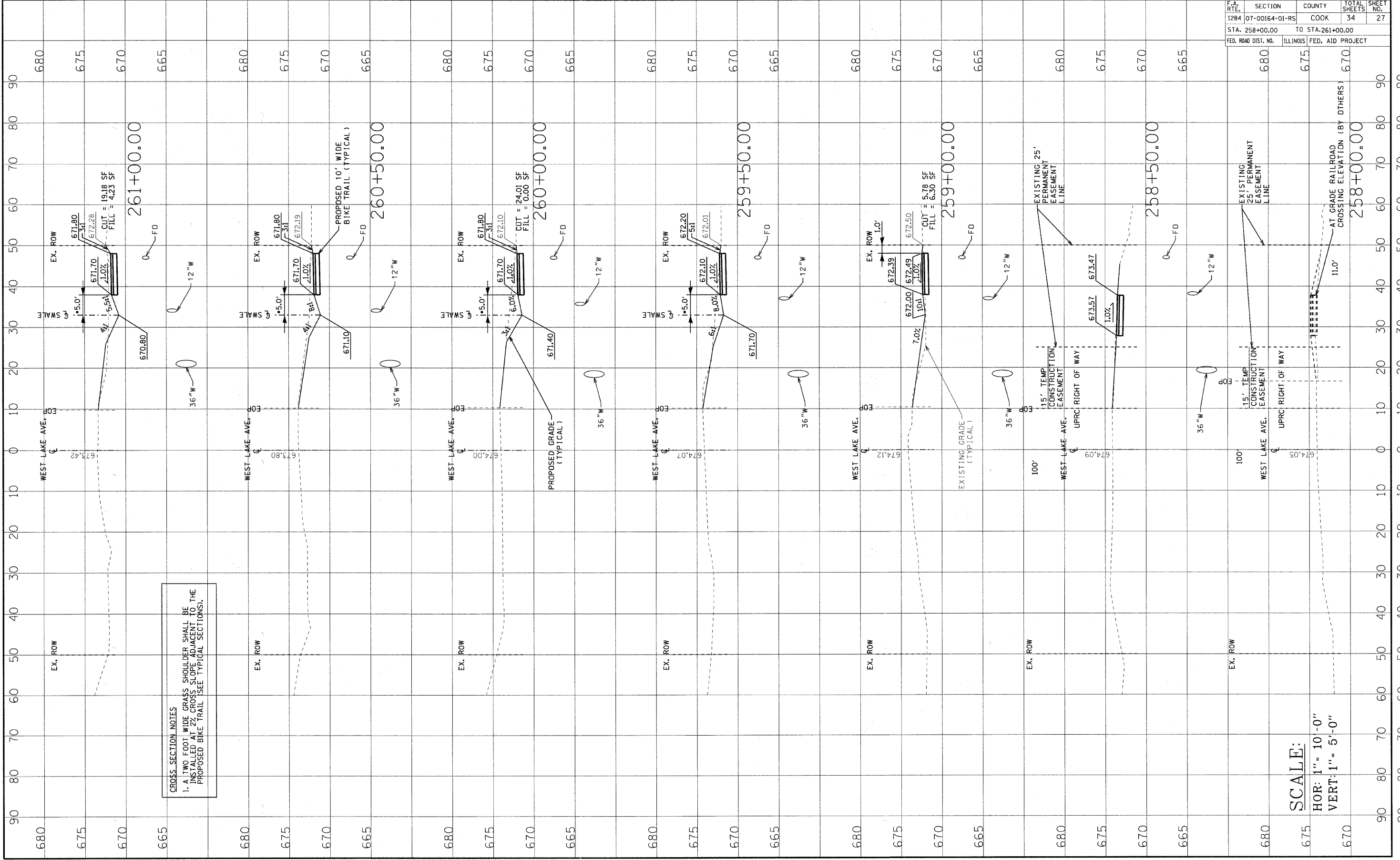
CROSS-SECTION NOTES
 1. A TWO FOOT WIDE GRASS SHOULDER SHALL BE INSTALLED AT 2% CROSS SLOPE ADJACENT TO THE PROPOSED BIKE TRAIL (SEE TYPICAL SECTIONS).

SCALE:
 HOR: 1" = 10'-0"
 VERT: 1" = 5'-0"

PLOT DATE = 6/25/2011
 FILE NAME = \\BKLFSV\p\A\GL\WV10025-Sup\A\10025-Sub\10025-Sub\SECTION CROSS SECTIONS.dgn
 PLOT SCALE = 18.59' / IN.
 USER NAME = B22-hm

ORIGINAL SURVEY
 SURVEYED BY: _____ DATE: _____
 PLOTTED BY: _____
 NOTE BOOK NO.: _____
 AREAS CHECKED: _____

FINAL SURVEY
 SURVEYED BY: _____ DATE: _____
 PLOTTED BY: _____
 NOTE BOOK NO.: _____
 AREAS CHECKED: _____



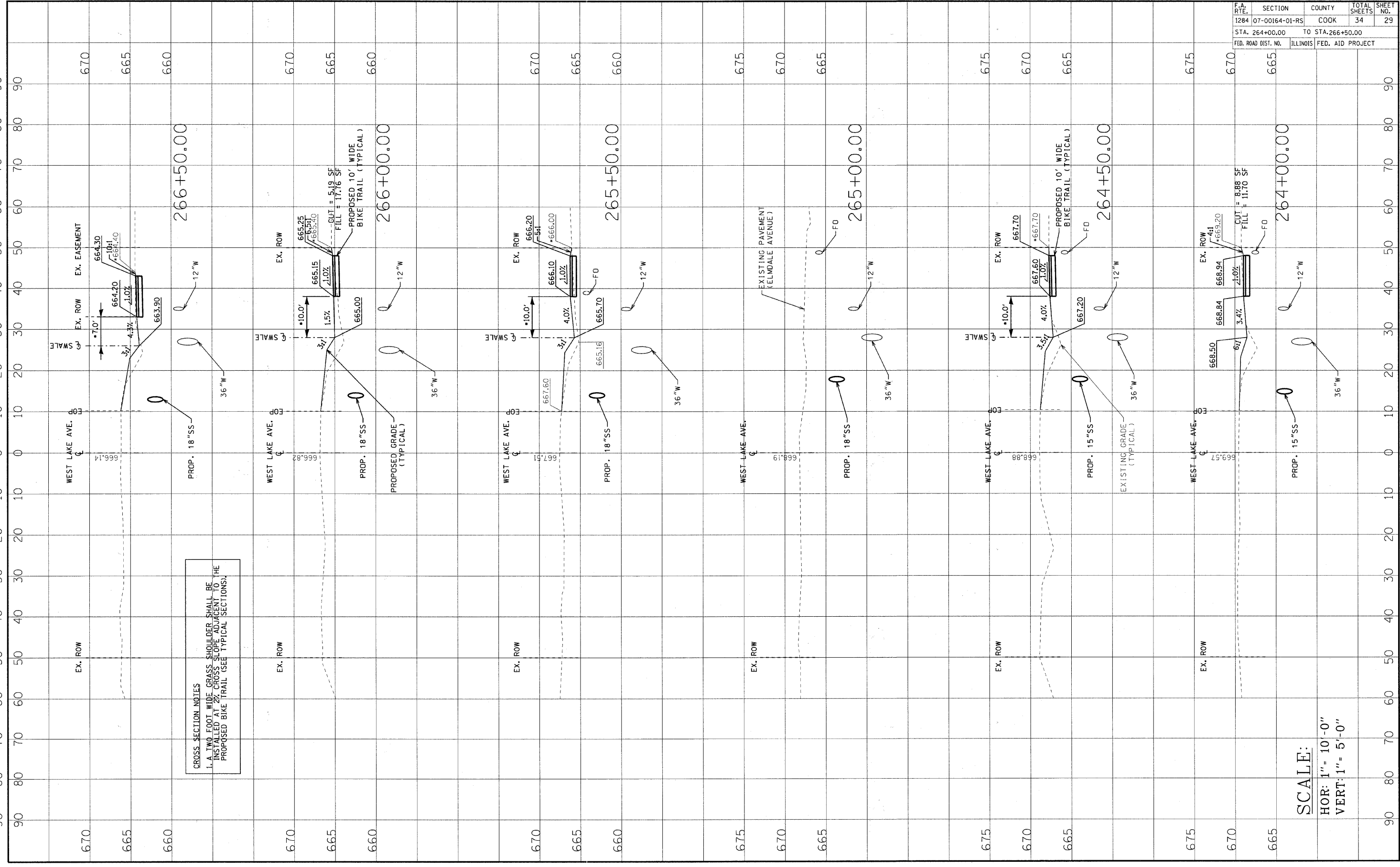
CROSS SECTION NOTES
 1. A TWO FOOT WIDE GRASS SHOULDER SHALL BE INSTALLED AT 2% CROSS SLOPE ADJACENT TO THE PROPOSED BIKE TRAIL (SEE TYPICAL SECTIONS).

SCALE:
 HOR: 1" = 10'-0"
 VERT: 1" = 5'-0"

CONTRACT NO. 63612			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
1284	07-00164-01-R5	COOK	34
STA. 258+00.00		TO STA. 261+00.00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
680	675	670	

PLOT DATE = 6/20/2011
 FILE NAME = \\S:\CLES\SP-4\VL\WV\118825-Subp\118825-Subp.dwg
 USER NAME = jg
 ORIGINAL SURVEY NO. 118825-Subp
 DATE 6/20/2011
 SURVEYED BY jg
 CHECKED BY jg
 SURVEYED DATE 6/20/2011
 CHECKED DATE 6/20/2011
 SHEET NO. 29
 TOTAL SHEETS 34

FINAL SURVEY NO. 118825-Subp
 DATE 6/20/2011
 SURVEYED BY jg
 CHECKED BY jg
 SHEET NO. 29
 TOTAL SHEETS 34



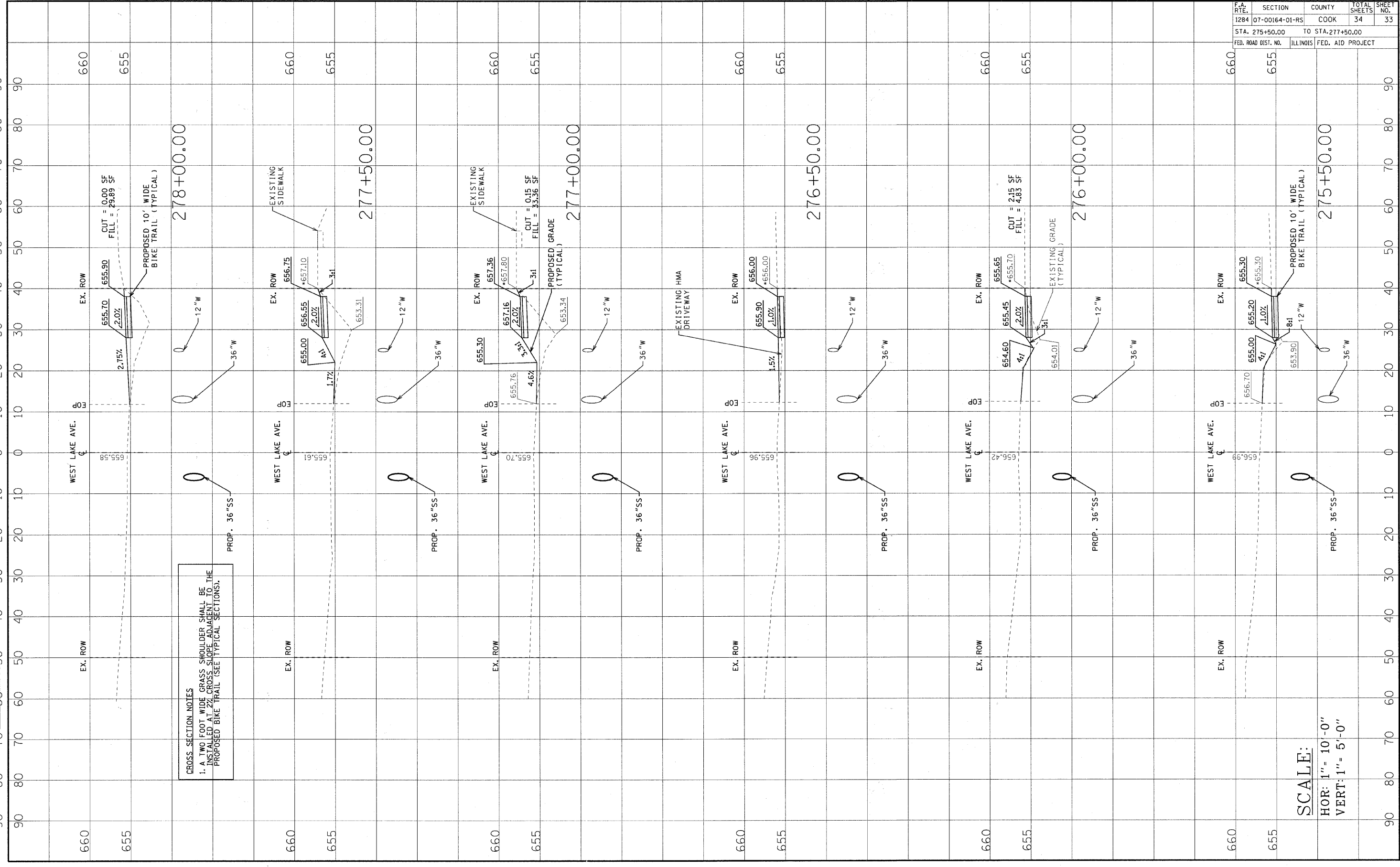
CROSS SECTION NOTES
 1. A TWO FOOT WIDE GRASS SHOULDER SHALL BE INSTALLED AT 2% CROSS SLOPE ADJACENT TO THE PROPOSED BIKE TRAIL (SEE TYPICAL SECTIONS).

SCALE:
 HOR: 1" = 10'-0"
 VERT: 1" = 5'-0"

CONTRACT NO. 63612			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
1284	07-00164-01-RS	COOK	34
STA. 264+00.00		TO STA. 266+50.00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

PLOT DATE = 6/20/2011
 FILE NAME = \\VKBLESVP2-AQL\W\110025-Subp\NOTEBOOK\110025-Cross Sections.dwg
 USER NAME = J93-um
 ORIGINAL SURVEY BY DATE
 SURVEYED BY DATE
 CHECKED BY DATE
 FINAL SURVEY BY DATE
 NOTE BOOK NO. 40
 CHECKED 50
 60
 70
 80
 90

ORIGINAL SURVEY BY DATE
 SURVEYED BY DATE
 CHECKED BY DATE
 FINAL SURVEY BY DATE
 NOTE BOOK NO. 40
 CHECKED 50
 60
 70
 80
 90



CROSS SECTION NOTES
 1. A TWO FOOT WIDE GRASS SHOULDER SHALL BE INSTALLED AT 2% CROSS SLOPE ADJACENT TO THE PROPOSED BIKE TRAIL (SEE TYPICAL SECTIONS).

SCALE:
 HOR: 1" = 10'-0"
 VERT: 1" = 5'-0"

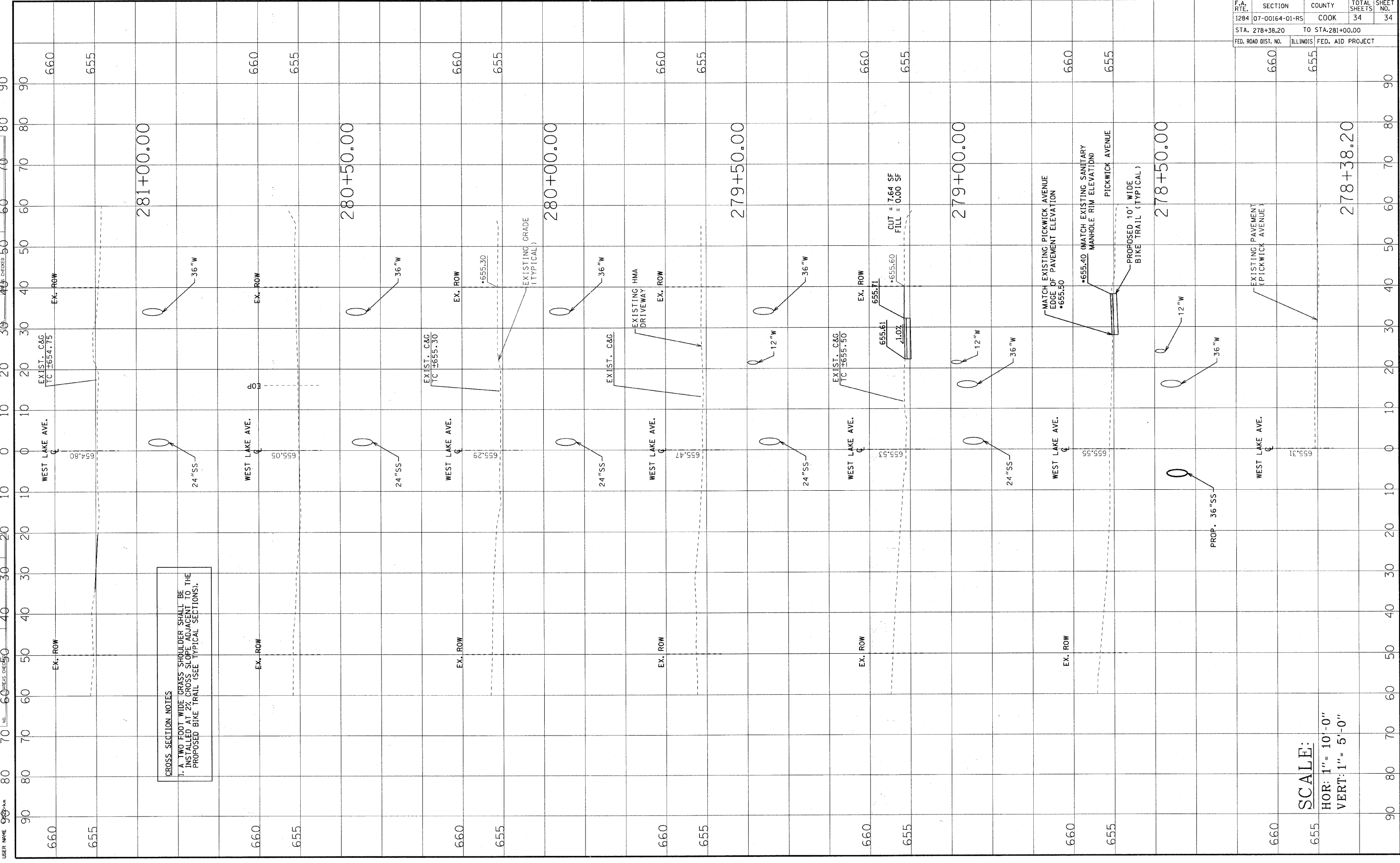
CONTRACT NO. 63612				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1284	07-00164-01-RS	COOK	34	33
STA. 275+50.00		TO STA. 277+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PLOT DATE = 6/25/2011
 PLOT SCALE = 1/8" = 10'-0" / IN.
 USER NAME = JAGLW\118225-Sup

ORIGINAL SURVEY NO. 60
 SURVEY PLOTTED BY JAGLW
 CHECKED BY JAGLW
 DATE 6/25/2011

FINAL SURVEY NO. 40
 SURVEY PLOTTED BY JAGLW
 CHECKED BY JAGLW
 DATE 6/25/2011

CROSS SECTION NOTES
 1. A TWO FOOT WIDE GRASS SHOULDER SHALL BE INSTALLED AT 2% CROSS SLOPE ADJACENT TO THE PROPOSED BIKE TRAIL (SEE TYPICAL SECTIONS).



SCALE:
 HOR: 1" = 10'-0"
 VERT: 1" = 5'-0"

CONTRACT NO. 63612			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
1284	07-00164-01-R5	COOK	34
STA. 278+38.20		TO STA. 281+00.00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	
660	655		