SECTION 36, TOWNSHIP 37, RANGE 13 SECTION 31, TOWNSHIP 37, RANGE 14

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS**

PLANS FOR PROPOSED

FEDERAL AID HIGHWAY

WESTERN AVENUE (FAP 0370) & VERMONT STREET (FAU 1594) WESTERN AVENUE (FAP 0370) & YORK STREET

INTERSECTION ENHANCEMENTS

PROJECT NO.: ARA-9003 (338)

L.A. SECTION NO.: 09-00183-00-SP

JOB NO.: C-91-654-09 CITY of BLUE ISLAND

COOK COUNTY

HIGHWAY STANDARDS

INDEX OF SHEETS

REMOVAL PLAN PLAN & PROFILE SHEETS

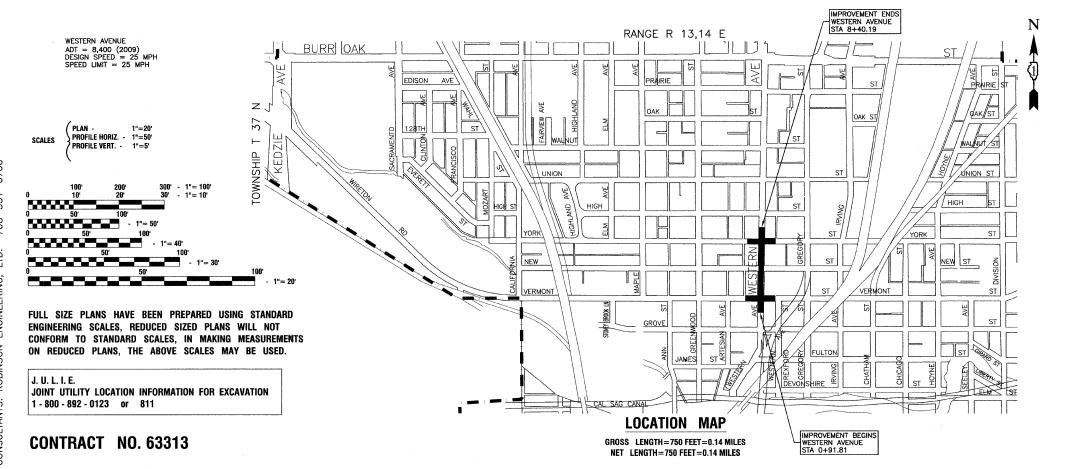
TYPICAL CROSS SECTIONS DETOUR PLAN

SUMMARY OF QUANTITIES & GENERAL NOTES

PAVEMENT MARKING AND SIGNAGE PLAN

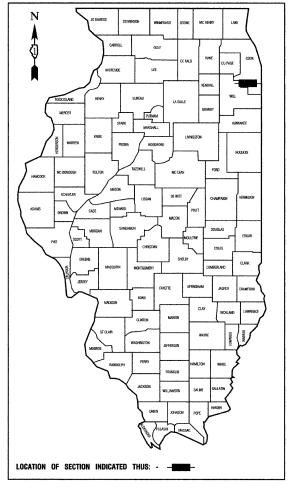
DISTRICT ONE STANDARD DETAILS

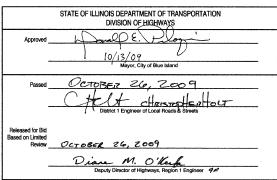
STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS PAVEMENT JOINTS PCC PAVEMENT ROUNDOUTS
24' PCC PAVEMENT 420601-05 24' PCC PAVEMENT
PAVEMENT FABRIC
CURB RAMPS FOR SIDEWALKS
CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
URBAN LANE CLOSURE, MULTILANE INTERSECTION
LAME CLOSURE MULTILANE INTERSECTION
LAME CLOSURE MULTILANE INTERSECTION 420701-02 424001-05 606001-04 701006-03 ORBAN LANE CLUSURE, MULTILANE INTERSECTION
LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
TRAFFIC CONTROL DEVICES
SIGN PANEL MOUNTING DETAILS
SIGN PANEL ERECTION DETAILS 720001-01



0370 09--00183--00--SP COOK ILLINOIS FED. AD PROJECT ARA-9003 (338)

CONTRACT #63313





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> PREPARED BY OR UNDER THE DIRECT SUPERVISION OF





		SUMMARY OF QUANTITIES			PAVEMENT	
S.I.	CODE NO.	PAY ITEM	UNIT	QUAN	IOOO	N TYPE CODE
· /////	28000510	INLET FILTERS	EACH	7	7	
	31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	2076	2076	
	42001100	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10"	SQ YD	1590	1590	
	42001300	PROTECTIVE COAT	SQ YD	1913	1913	
	42400800	DETECTABLE WARNINGS	SQ FT	128	128	
	44000100	PAVEMENT REMOVAL	SQ YD	1936	1936	
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	603	603	
	44000600	SIDEWALK REMOVAL	SQ FT	5294	5294	
	56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	3	3	
	60255500	MANHOLES TO BE ADJUSTED	EACH	6	6	
	60266600	VALVE BOXES TO BE ADJUSTED	EACH	7	7	
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	7	7	
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	10	10	
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	610	610	
	67100100	MOBILIZATION	L SUM	1	1	
	70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	- 1	
	70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	1	1	
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	9	9	
	72000100	SIGN PANEL - TYPE 1	SQ FT	36	36	
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	4	4	
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1	
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	100	100	
*	78001110	PAINT PAVEMENT MARKING — LINE 4"	FOOT	900	900	
*	78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	217	217	
*	78008210	POLYUREA PAVEMENT MARKING TYPE I — LINE 4"	FOOT	1352	/352	
*	78008230	POLYUREA PAVEMENT MARKING TYPE I — LINE 6"	FOOT	1544	1544	
*	78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	208	208	
*	78300100	PAVEMENT MARKING REMOVAL	SQ FT	736	736	
	xx08232	BICYCLE RACKS TO BE MOVED	EACH	1	1	
	XX005370	PATTERN, COLOR, PORTLAND CEMENT SIDEWALK, 5 INCH, SPECIAL	SQ FT	5548	5548	
	X0322256	TEMPORARY INFORMATION SIGNING	SQ FT	155	155	
	XX008225	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 10", STAMPED & COLORED	SQ YD	325	325	

* - INDICATES SPECIALTY ITEMS

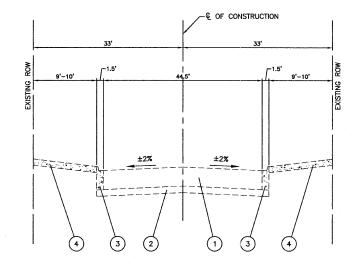
GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
- BOTH THE ROBINSON ENGINEERING, LTD. FIELD OFFICE (708-331-6700) AND THE CITY OF BLUE ISLAND (708-597-1221) SHALL BE NOTIFIED TWO (2) WORKING DAYS BEFORE CONSTRUCTION BEGINS.
- WHEN IN THE CONSTRUCTION OPERATION, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF GUTTERS, OR OTHER DRAINAGE STRUCTURES SO THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH DAY BY THE CONTRACTOR AT HIS EXPENSE.
- 4. EXISTING DRAINAGE FACILITIES SHALL NOT BE UNNECESSARILY DISTURBED. THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE FACILITIES WHEREVER NECESSARY TO MAINTAIN EXISTING DRAINAGE OUTLETS. THIS WORK SHALL BE INCLUDED IN THE COST OF CONTRACT.
- 5. AREAS DISTURBED BY CONSTRUCTION SHALL BE KEPT TO A MINIMUM. ALL AREAS DISTURBED UNNECESSARILY SHALL BE RESTORED AS REQUIRED IN THE SPECIAL PROVISIONS AT THE CONTRACTOR'S EXPENSE.
- 6. ALL PAVEMENT, CURB AND SIDEWALK REMOVALS, INCLUDING PAVEMENT AND SIDEWALK TO BE REMOVED BETWEEN CONSTRUCTION STAGES, SHALL BE MADE BY MEANS OF A STRAIGHT SAW CUT JOINT. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS ITEMS.
- 7. THE APPROXIMATE LOCATION OF KNOWN PUBLIC UTILITIES ARE PROVIDED FOR THE CONTRACTOR'S USE, AND ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF THE ADVERTISEMENT FOR BIDS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OF UTILITIES INFORMATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO EXCAVATION TO VERIFY LOCATIONS OF ALL UTILITIES.
- 8. TO THE EXTENT FEASIBLE, SIDEWALK ACCESS SHALL BE MAINTAINED AT ALL TIMES. WHEN NECESSARY, AND APPROVED IN ADVANCE BY THE ENGINEER, CLOSED SIDEWALKS SHALL BE BARRICADED. EXCAVATED AREAS ADJACENT TO SIDEWALKS SHALL BE PROTECTED BY THE CONTRACTOR TO PROHIBIT PEDESTRIAN ENTRY INTO THE WORK ZONE. TEMPORARY ACCESS TO BUILDING ENTRANCES SHALL BE MAINTAINED AT ALL TIMES AND AS OTHERWISE DESCRIBED IN THE SPECIAL PROVISION ENTITLED "PEDESTRIAN SIDEWALK CONTROL".
- THE CITY OF BLUE ISLAND (708-597-1221) SHALL BE NOTIFIED PRIOR TO THE OPENING OR CLOSING OF ALL WATER VALVES, FIRE HYDRANTS, AND/OR OTHER WATER SYSTEM APPURTENANCES.
- 10. CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR TRAFFIC CONTROL AND PROTECTION IN ACCORDANCE WITH IDOT STANDARD SPECIFICATIONS ADOPTED JANUARY 1, 2007, THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, AND THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- 11. THE TOP OF ALL MANHOLES, VALVE VAULTS, CATCH BASINS, WATER VALVES, AND WATER SERVICE BOXES SHALL BE FLUSH WITH THE ADJACENT PROPOSED SURFACE OR THE INDICATED ELEVATION SHOWN ON THE PLANS. FRAME ELEVATIONS ARE GIVEN ONLY TO ASSIST IN DETERMINING THE OVERALL HEIGHT OF THE STRUCTURE.
- 12. ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES NOT SPECIFICALLY CALLED OUT ON THE PLANS SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER.
- 13. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 14. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH VIDEOTAPE DETAILING ALL SURFACE CONDITIONS WITHIN THE PROJECT AREA PRIOR TO EXCAVATION AND SHALL BE INCLEDED IN THE COST OF THE CONTRACT. ALL RESTORATION SHALL BE COMPLETED TO THE SATISFACTION OF THE OWNER AND ENGINEER.
- 15. ALL CONSTRUCTION OPERATIONS SHALL BE IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS ADOPTED JANUARY 1, 2007.
- 16. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE CONTRACTOR AND/OR SUBCONTRACTORS BEAR THE RESPONSIBILITY OF PROTECTION OF FRESH CONCRETE BEFORE IT HAS SET. ANY DAMAGE AND/OR VANDALISM TO THE CONCRETE SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- 17. CONTRACTOR TO PREPARE AND SUBMIT AN INTERSECTION JOINTING PATTERN TO THE ENGINEER FOR APPROVAL PRIOR TO THE START OF CONSTRUCTION.

FILE NAME = 09285-QUAN-01 - IDOT P01	USER NAME =	DESIGNED ~	HLG	REVISED	
TIEL IVINE - USES GOVERNO TO ISSUED	COLITY WIL	CHECKED -	– HLG	REVISED —	STATE OF ILLINOIS
	PLOT SCALE =	DRAWN -	– PS	REVISED —	DEPARTMENT OF TRANSPORTATION
	PLOT DATE =	CHECKED -	– AG	REVISED —	

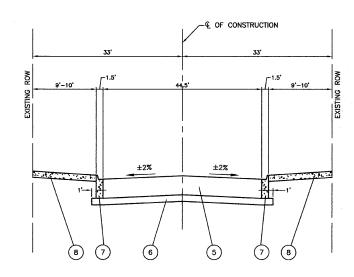
INTERSECTION ENHA		F.A.P. RTE.	SEC.	TION	COUNTY	TOTAL SHEETS	SHEE NO.
SUMMARY OF QUANTITIES 8	0370	09-0018	COOK	16	2		
					CONTRACT	NO. 6331	13
SHEET NO. 2 OF 16 SHEETS	STA. TO STA.	FED. RO	AD DIST. NO. 1	ILLINOIS FEE	D. AID PROJECT ARA-9	003 (338)	

SCALE: NONE



EXISTING TYPICAL CROSS SECTION

WESTERN AVENUE STA 0+91.81 TO STA 2+09.45 STA 7+17.83 TO STA 8+40.19



PROPOSED TYPICAL CROSS SECTION

WESTERN AVENUE STA 0+91.81 TO STA 2+09.45 STA 7+17.83 TO STA 8+40.19

EXISTING LEGEND

- EXISTING PAVEMENT TO BE REMOVED (±4" BITUMINOUS & ±10" P.C. CONCRETE)
- 2 EXISTING SUBGRADE TO REMAIN
- 3 EXISTING CURB & GUTTER TO BE REMOVED
- 4 EXISTING P.C. CONCRETE SIDEWALK TO BE REMOVED

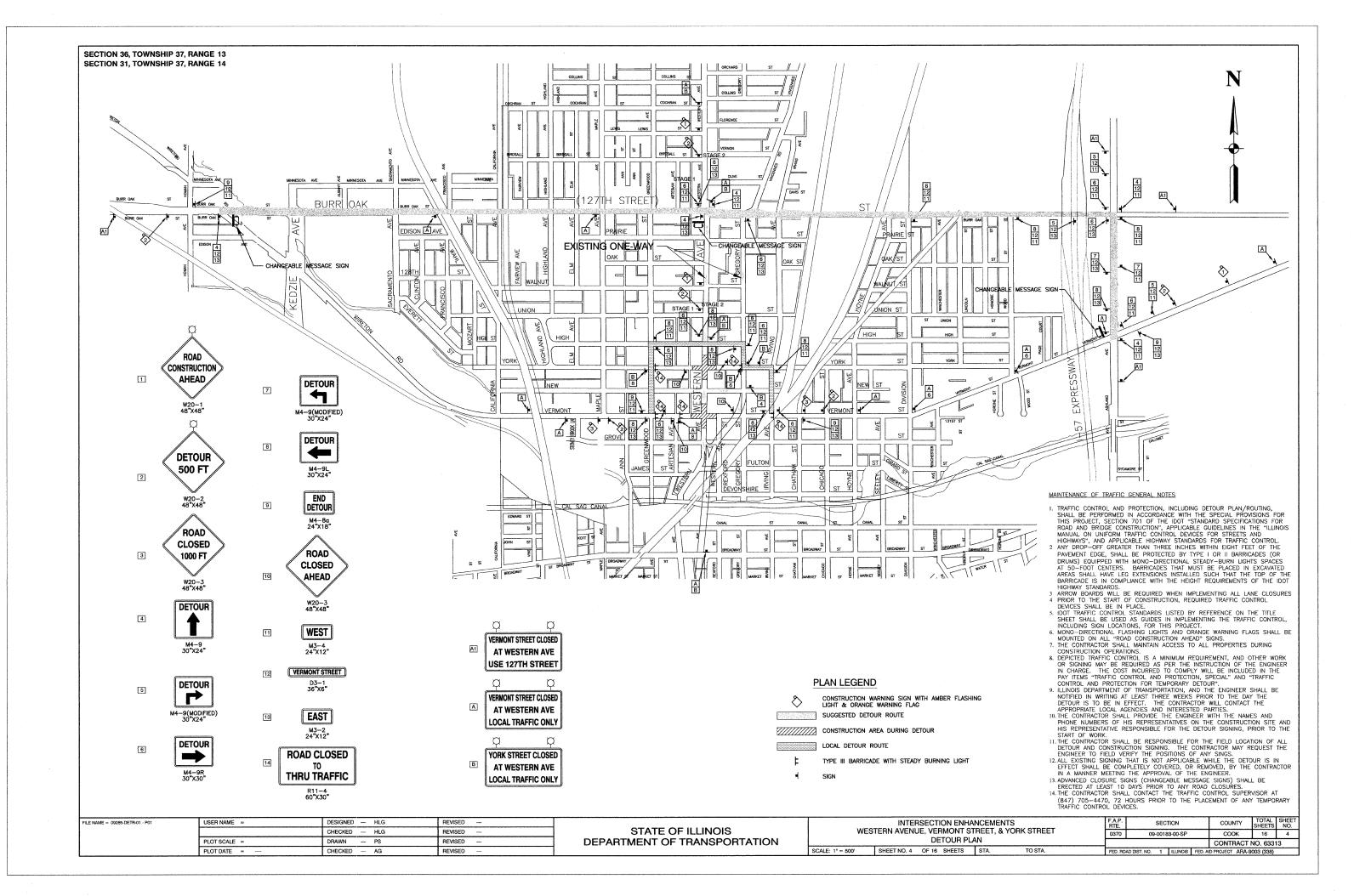
PROPOSED LEGEND

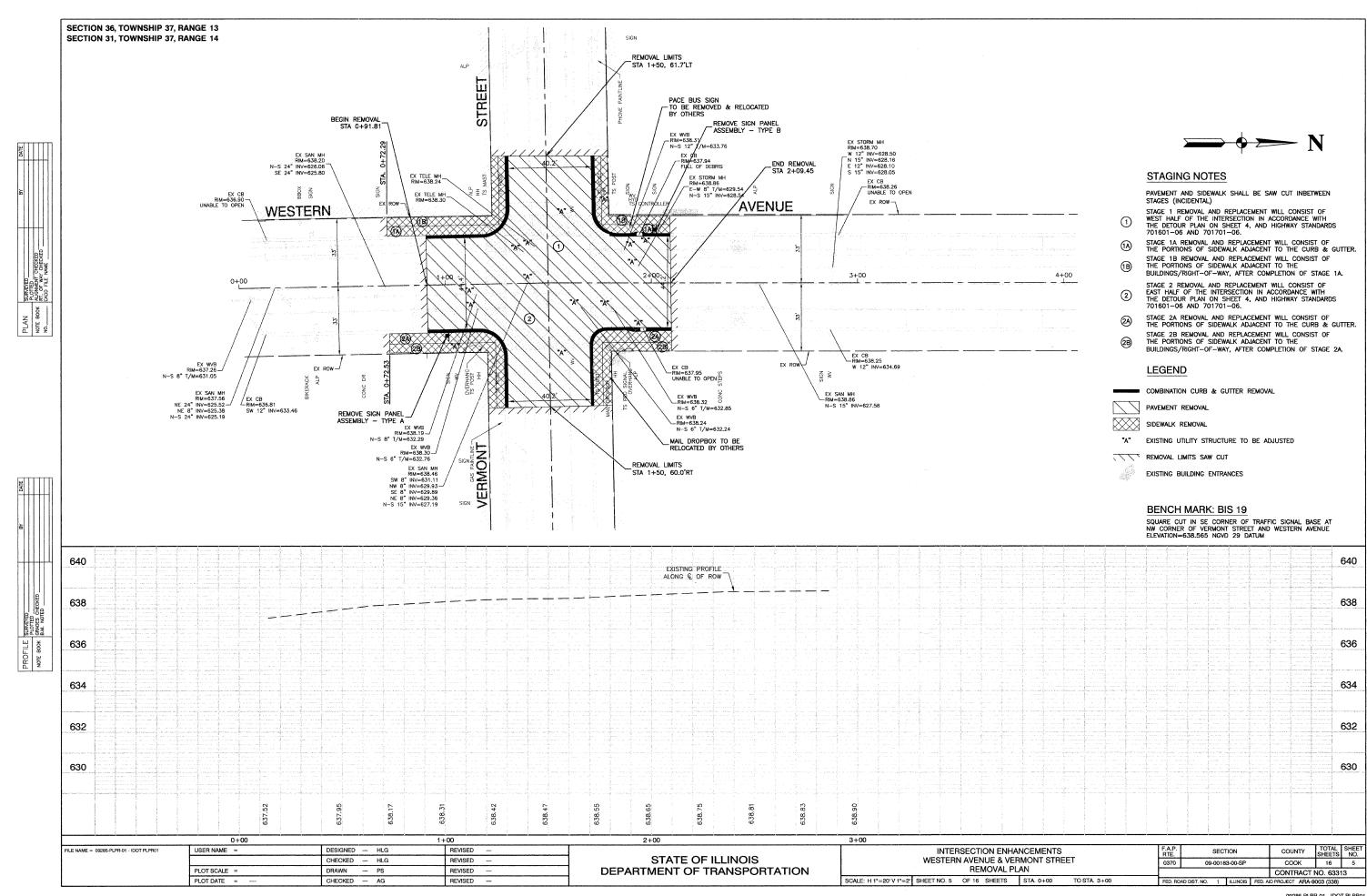
- (In Crosswalks)

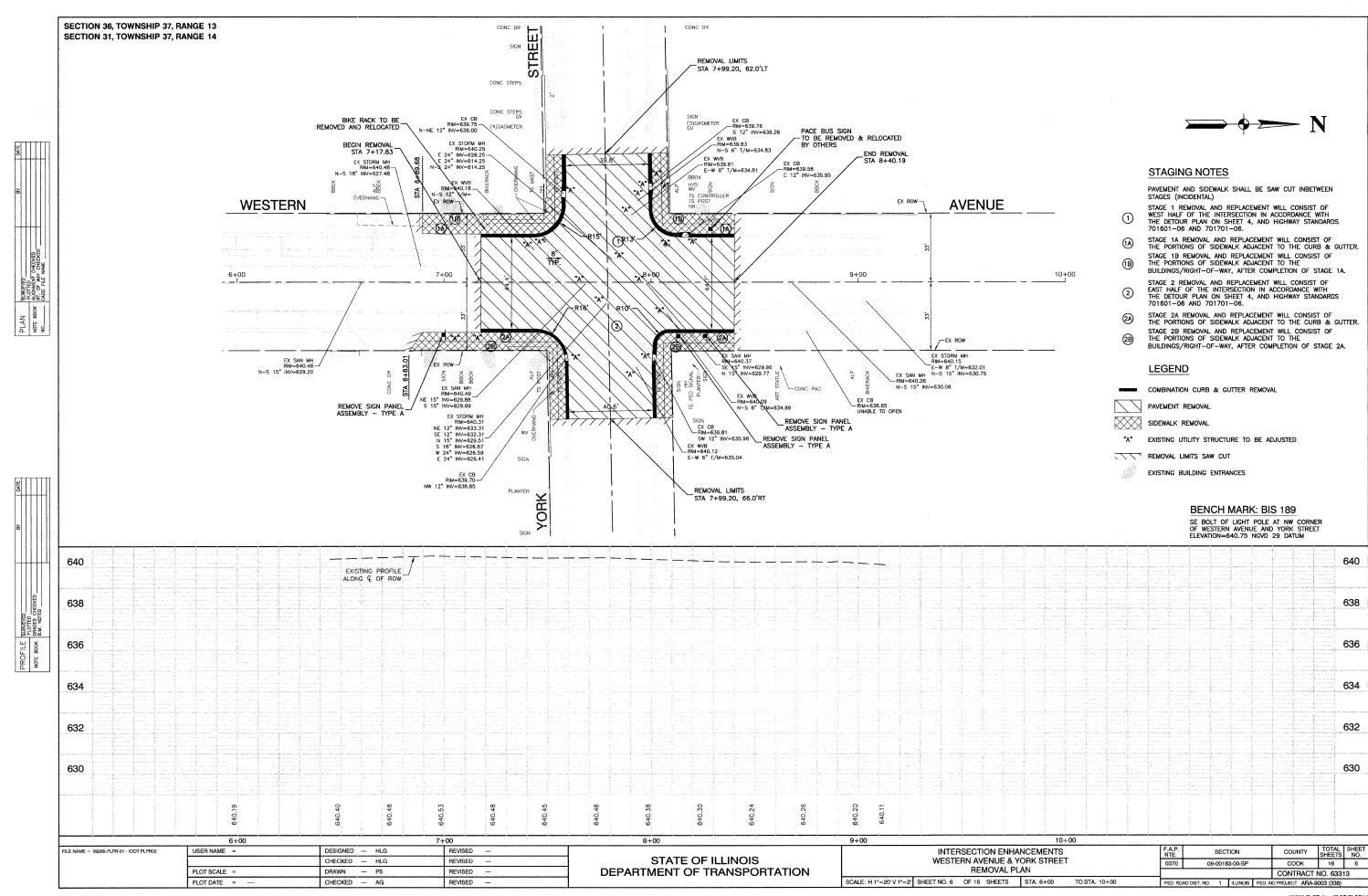
 PROPOSED HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 10"
 OR
 PROPOSED HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT, 10", STAMPED & COLORED (IN CROSSWALKS)
- 6 PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- 7 PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- PROPOSED PATTERN, COLOR, PORTLAND CEMENT CONCRETE SIDEWALK, 5", SPECIAL

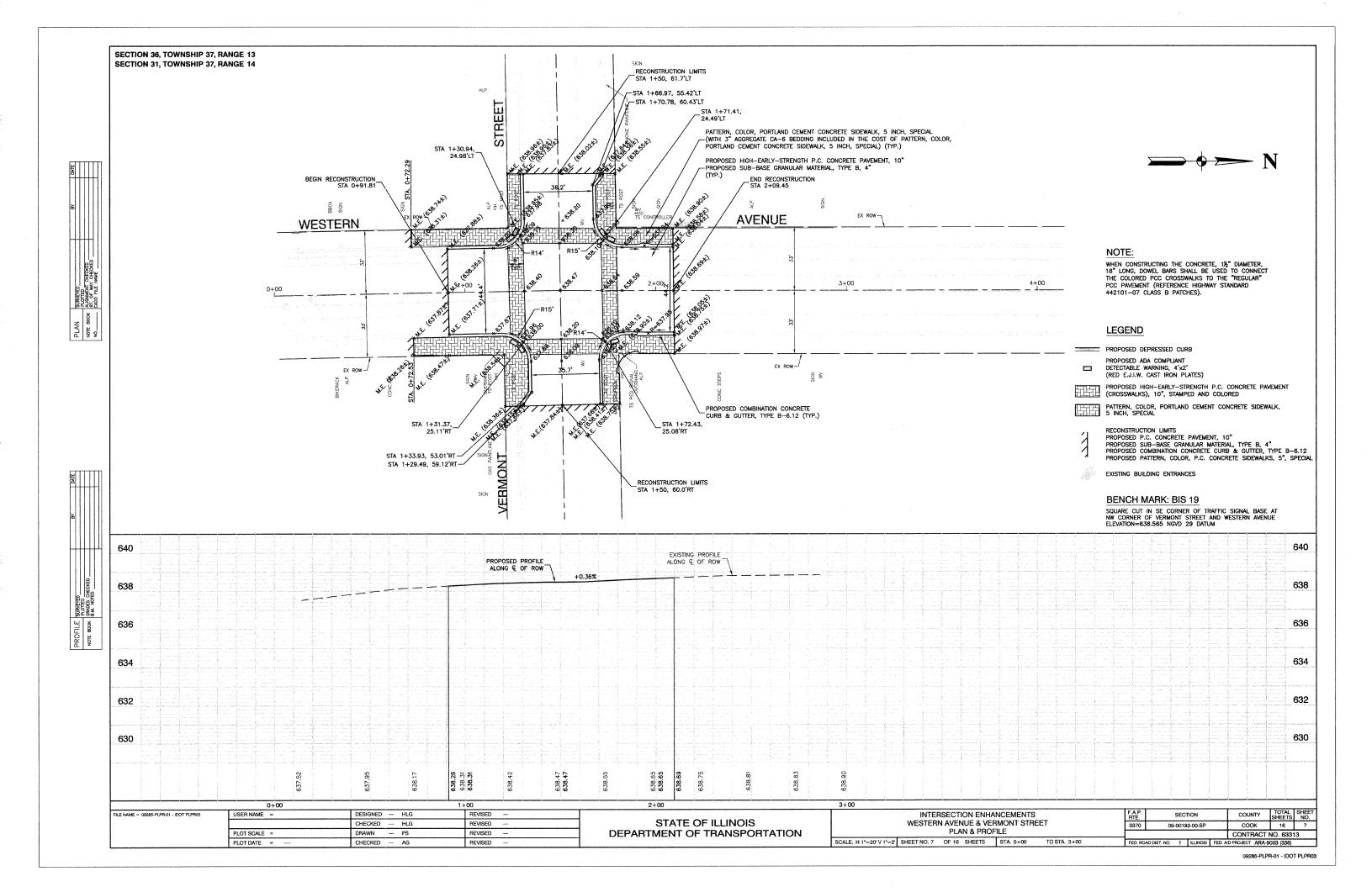
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	PLOT DATE =	CHECKED — AG	REVISED —	

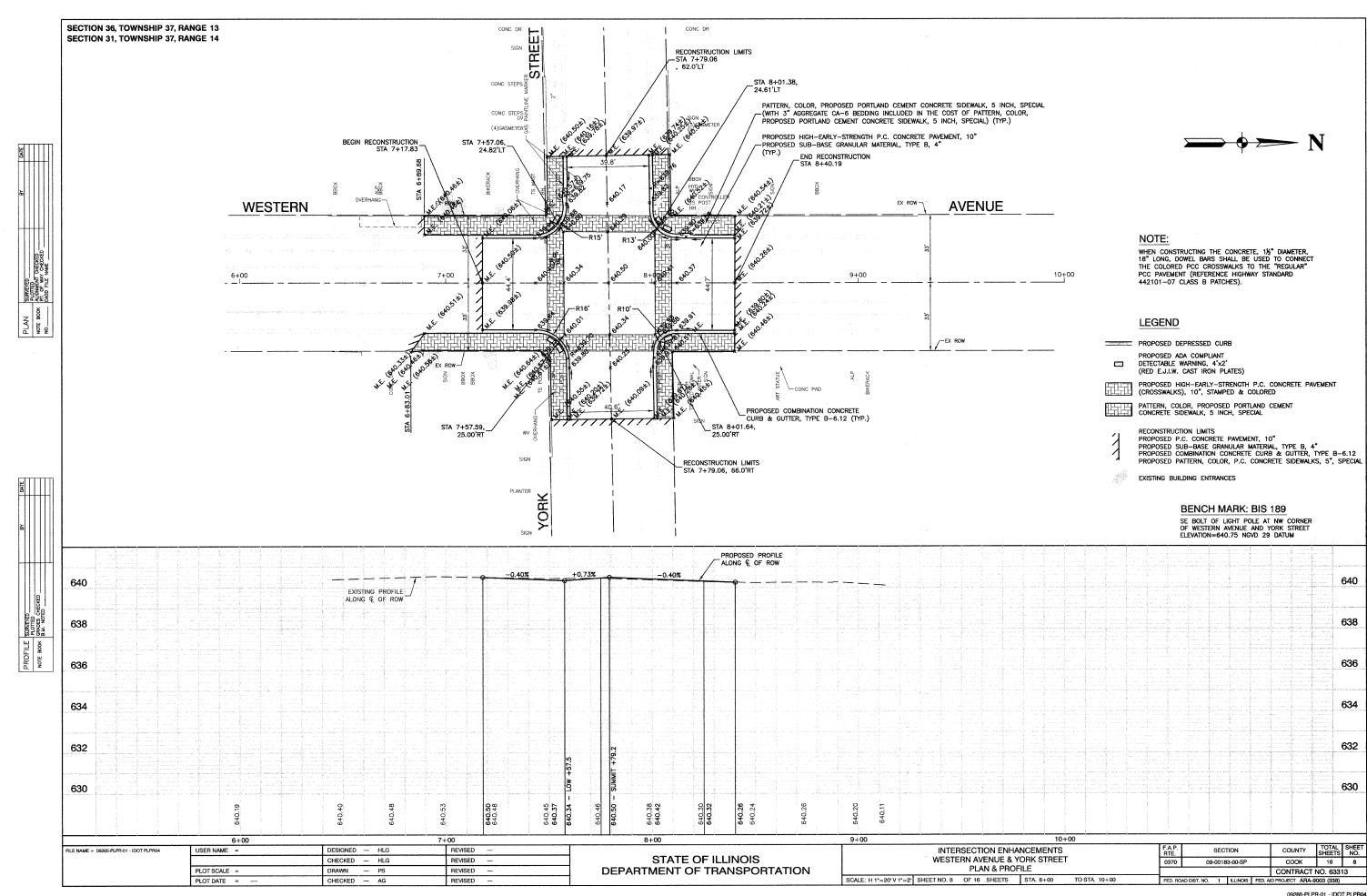
WES	TERN AVENU	E, VERM	N ENHAN ONT STE ROSS SEC	REET, &	YORK STREET
SCALE: NONE	SHEET NO. 3	OF 16 SF	HEETS	STA.	TO STA.



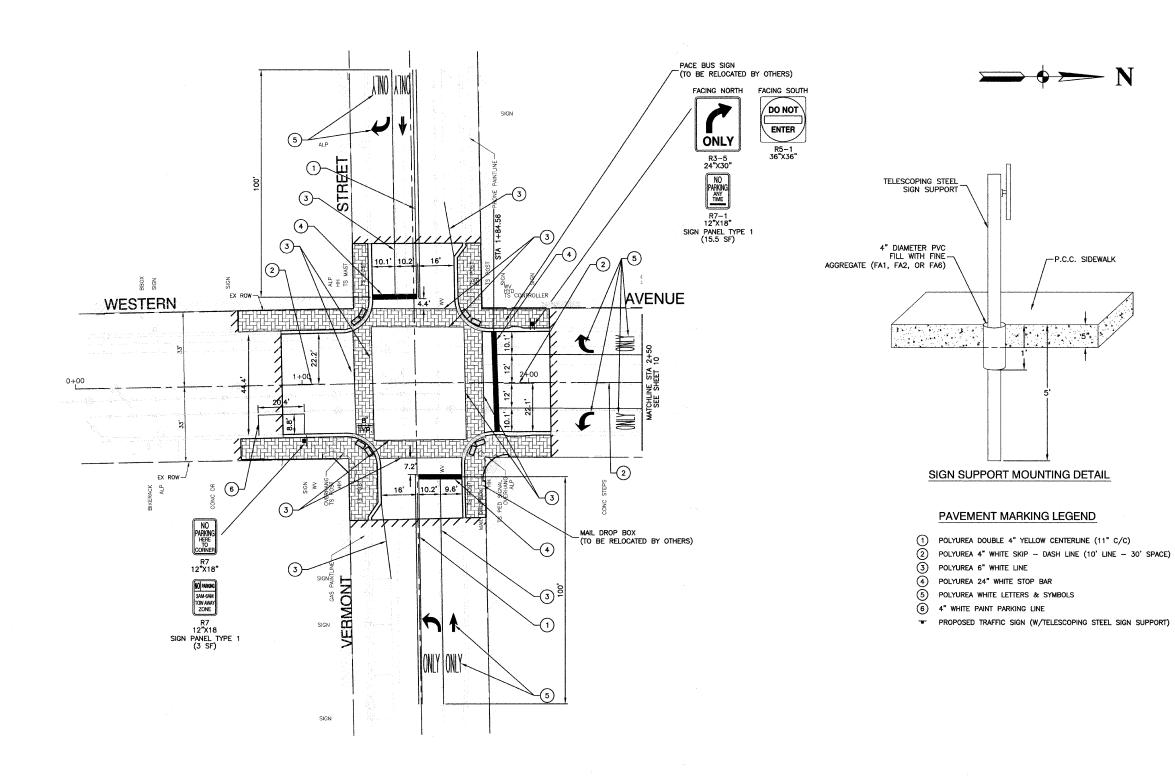








SECTION 36, TOWNSHIP 37, RANGE 13 SECTION 31, TOWNSHIP 37, RANGE 14

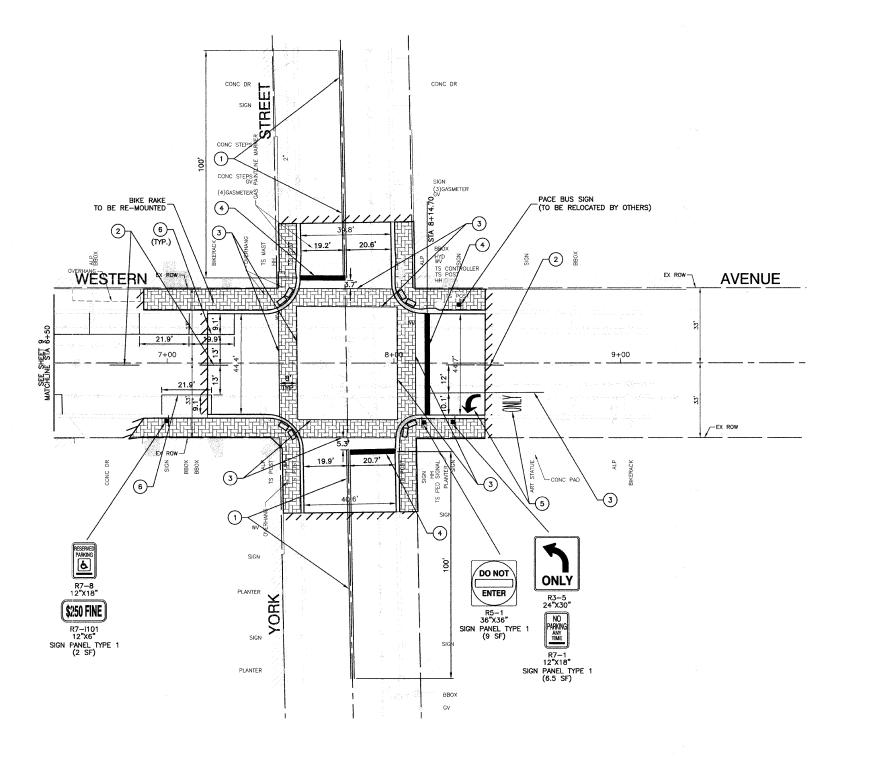


BENCH MARK: BIS 19

SQUARE CUT IN SE CORNER OF TRAFFIC SIGNAL BASE AT NW CORNER OF VERMONT STREET AND WESTERN AVENUE ELEVATION=638.565 NGVD 29 DATUM

FILE NAME = 09285-PLPR-01 - IDOT PLPR05	USER NAME =	DESIGNED — HLG	REVISED —		INTERSECTION ENHANCEMENTS	F.A.P. SECTION	COUNTY TOTAL SHEET
1		CHECKED — HLG	REVISED	STATE OF ILLINOIS	PAVEMENT MARKING AND SIGNAGE	0370 09-00183-00-SP	COOK 16 9
	PLOT SCALE =	DRAWN — PS	REVISED	DEPARTMENT OF TRANSPORTATION			CONTRACT NO. 63313
	PLOT DATE =	CHECKED — AG	REVISED —		SCALE: 1" = 20' SHEET NO. 9 OF 16 SHEETS STA. TO STA.		ID PROJECT ARA-9003 (338)

SECTION 36, TOWNSHIP 37, RANGE 13 SECTION 31, TOWNSHIP 37, RANGE 14





PAVEMENT MARKING LEGEND

- 1) POLYUREA DOUBLE 4" YELLOW CENTERLINE (11" C/C)
- 2 POLYUREA 4" WHITE SKIP DASH LINE (10' LINE 30' SPACE)
- 3 POLYUREA 6" WHITE LINE
- 4 POLYUREA 24" WHITE STOP BAR
- 5 POLYUREA WHITE LETTERS & SYMBOLS
- 6 4" WHITE PAINT PARKING LINE
- PROPOSED TRAFFIC SIGN (W/TELESCOPING STEEL SIGN SUPPORT)

BENCH MARK: BIS 189

SE BOLT OF LIGHT POLE AT NW CORNER OF WESTERN AVENUE AND YORK STREET ELEVATION=640.75 NGVD 29 DATUM

Γ	FILE NAME = 09285-PLPR-01 - IDOT PLPR06	USER NAME =	DESIGNED — HLG	REVISED —	INTERSECTION ENHANCEMENTS Par		F.A.P.	SECTION	COUNTY	TOTAL SHEET	
			CHECKED HLG	REVISED —	STATE OF ILLINOIS	PAVEMENT MARKING AND SIGNAGE		0370	09-00183-00-SP	соок	16 10
		PLOT SCALE =	DRAWN PS	REVISED —	DEPARTMENT OF TRANSPORTATION					CONTRACT	NO. 63313
		PLOT DATE =	CHECKED — AG	REVISED —		SCALE: 1' = 20'	SHEET NO. 10 OF 16 SHEETS STA. TO STA.	FED. ROAD	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-900		9003 (338)

SECTION 36, TOWNSHIP 37, RANGE 13 SECTION 31, TOWNSHIP 37, RANGE 14 NEW STREET 3 [2] (TYP.) EX ROW-**WESTERN AVENUE** 9' & VARIES-9' & VARIES (TYP.) PAVEMENT MARKING LEGEND 1 POLYUREA DOUBLE 4" YELLOW CENTERLINE (11" C/C) MATCH EXISTING PARKING STALL LAYOUT (TYP.)-2 POLYUREA 4" WHITE SKIP - DASH LINE (10' LINE - 30' SPACE)
3 POLYUREA 6" WHITE LINE
4 POLYUREA 24" WHITE STOP BAR
5 POLYUREA WHITE LETTERS & SYMBOLS
6 4" WHITE PAINT PARKING LINE

BENCH MARK: BIS 19

SQUARE CUT IN SE CORNER OF TRAFFIC SIGNAL BASE AT NW CORNER OF VERMONT STREET AND WESTERN AVENUE ELEVATION=638.565 NGVD 29 DATUM

FILE NAME = 09285-PLPR-01 - IDOT PLPR07	USER NAME =	DESIGNED — HLG	REVISED —		INTERSECTION ENHANCEMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
		CHECKED — HLG	REVISED —	STATE OF ILLINOIS	PAVEMENT MARKING AND SIGNAGE		09-00183-00-SP	соок	16 11
	PLOT SCALE =	DRAWN PS	REVISED	DEPARTMENT OF TRANSPORTATION			**************************************	CONTRACT	NO. 63313
	PLOT DATE =	CHECKED AG	REVISED		SCALE: 1" = 20' SHEET NO. 11 OF 16 SHEETS STA. TO STA.	FED. ROAD DI	IST. NO. 1 ILLINOIS FED. A	ID PROJECT ARA-	-9003 (338)

FRAME EXTENSION INTO PAVEMENT	INNER HOOP REINFORCEMENT DIAMETER	SEMI CIRCULAR FORM DIAMETER	OUTER HOOP REINFORCEMENT DIAMETER
UP TO 8" (200)	3′-6″ (1.1 m)	4'-0'' (1.2 m)	5′-0″ (1.5 m)
> 8" (200) T0 14" (360)	4'-0" (1.2 m)	4′-6″ (1.4 m)	5′-0″ (1.5 m)

DESIGNER NOTE: THIS DETAIL IS TO BE USED WHEN THE GUTTER FLAG IS

LEGEND:

DRAWN

CHECKED - A. ABBAS

PLOT SCALE = 50.0000 '/ IN.

PLOT DATE = 1/4/2008

TOM MATOUSEK

01-04-99

REVISED - T. MATOUSEK 10-02-00

REVISED - T. MATOUSEK 04-25-02

REVISED - P. LAFLEUR 08-27-02

FILE NAME =

W:\diststd\22x34\bd48.dqn

NOTES:

- 1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.
- 2. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT, EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 12" (300) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
- 3. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
- 4. ALL REINFORCED BARS SHALL BE EPOXY COATED.
- 5. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 2" (50) CLEARANCE.
- 6. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES. AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE FRAMES FILLED WITH NON SHRINK GROUT.

TOTAL SHEET NO.

COOK 16 12

09285-DTLS-01 - IDOT P01

CONTRACT NO. 63313

09-00183-00-SP

DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003 (338)

BD-48

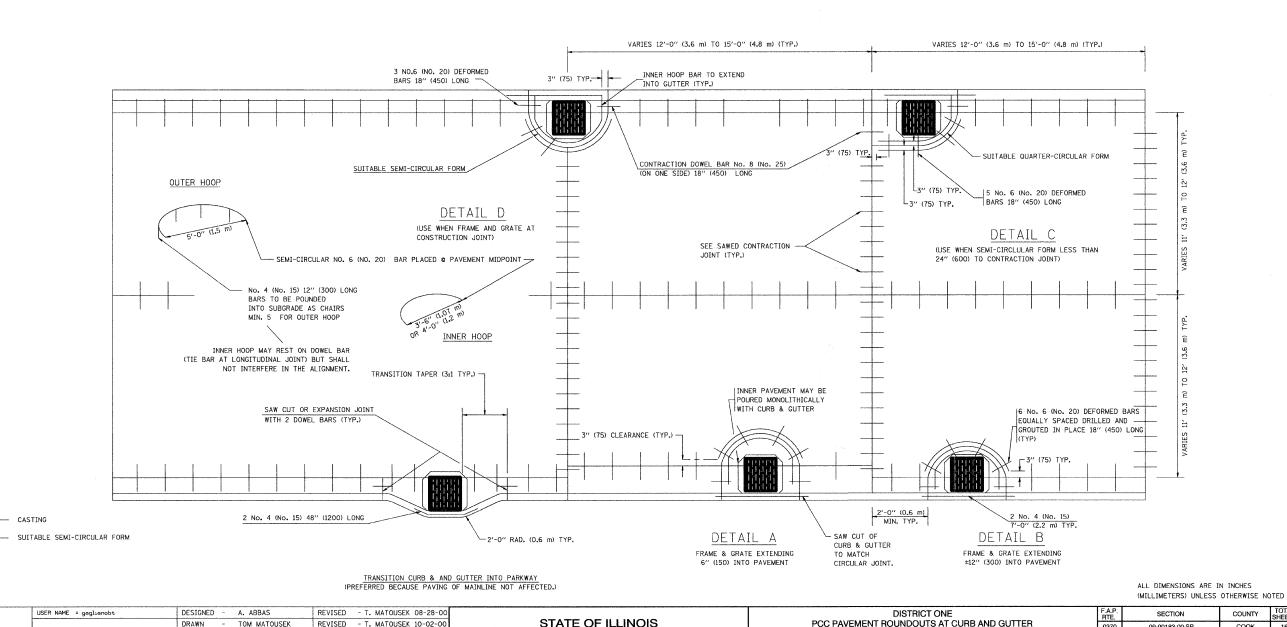
- 7. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
- 8. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
- 9. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.

DETAILS

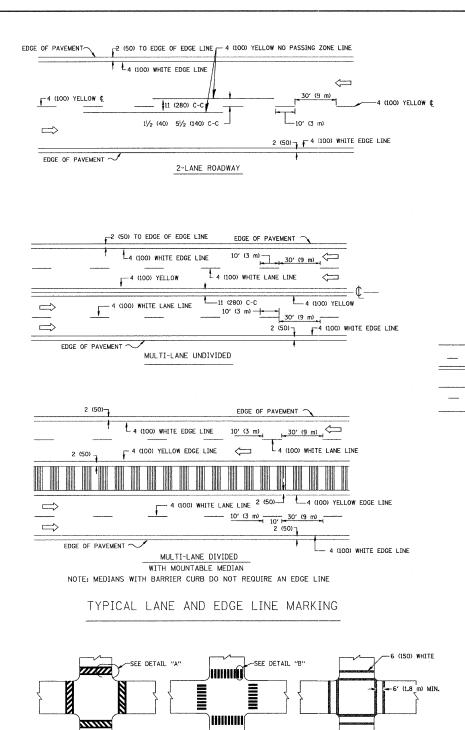
TO STA.

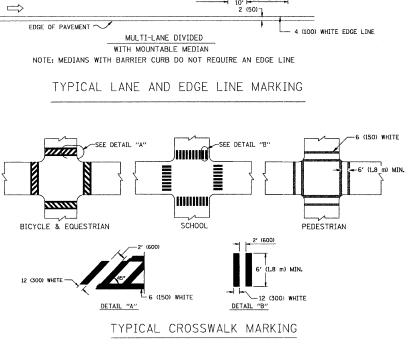
SHEET NO. 12 OF 16 SHEETS STA.

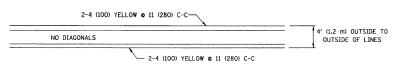
SCALE: NONE



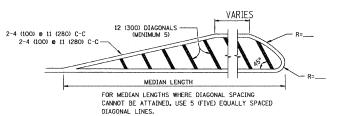
DEPARTMENT OF TRANSPORTATION





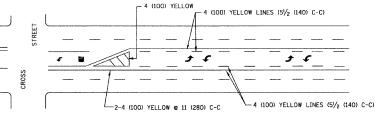


4' (1.2 m) WIDE MEDIANS ONLY

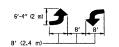


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

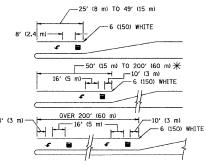


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

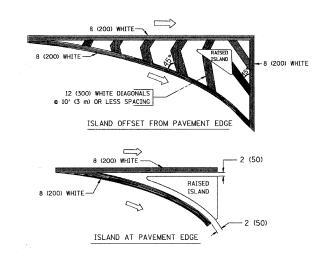


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. \P AREA = 15.6 SQ. FT. (1.5 m²) \P AREA = 20.8 SQ. FT. (1.9 m²)

 \divideontimes 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 FOR BOTH DIRECTIONS	4 (100) 2 m 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE 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; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (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.
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) c 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)) 1150' (45 m) C-C (OVER 45MPH (70 km/h))

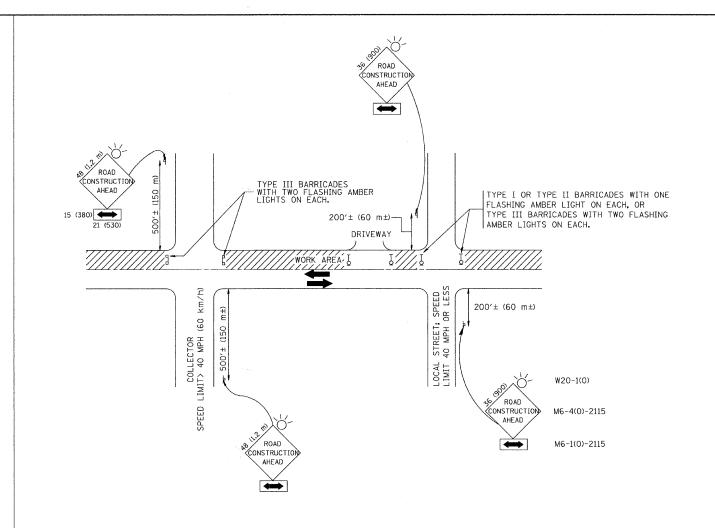
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

FILE NAME = USER NAME = drivakosgn		DESIGNED	-	EVERS	REVISED	-T.	RAMMACHER	10-27-94
c:\pw_work\pwidot\drivakosgn\d0108315\tc 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					F.A.P. RTE.	SECTION	COUNTY TOT		SHEET NO.
	TYPICAL PAVEMEN		GS		0370	09-00183-00-SP	соок	16	13
DETAILS						TC-13	CONTRACT NO. 63313		
SCALE: NONE	SHEET NO. 13 OF 16 SHEETS		FED. RO	AD DIST, NO. 1 ILLINOIS FED. A	ID PROJECT ARA-	9003 (338)			



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:
- d) 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:
- d) ONE ROAD CONSTRUCTION AHEAD SIGN 48 \times 48 (1.2 m \times 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 (MG-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (MG-4).

SCALE: NONE

- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE 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 = gaglianobt DESIGNED - LHA REVISED - J. OBERLE 10-18-95
Wi\dastatd\22x34\tol@.dgn

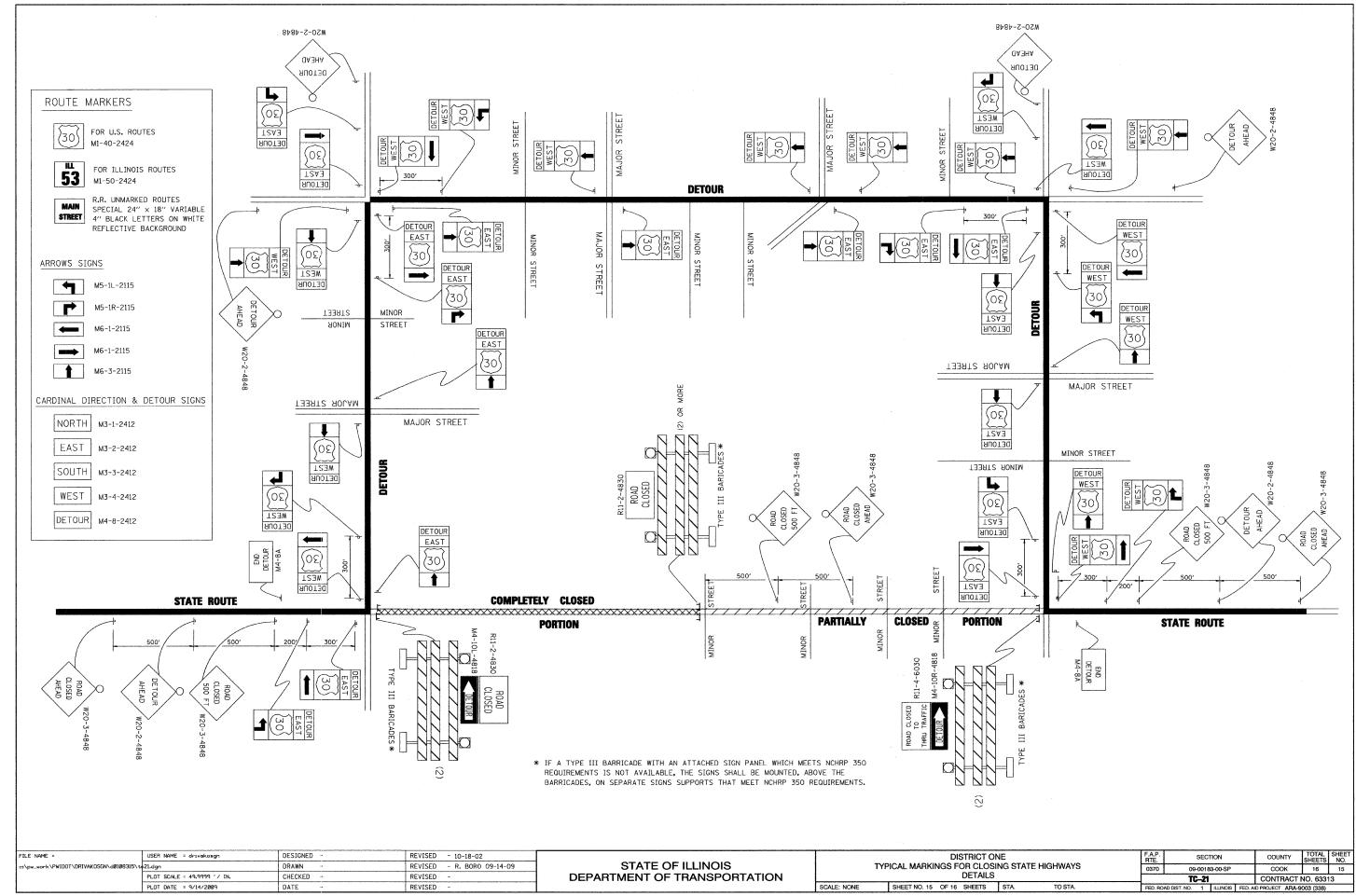
DRAWN - REVISED - A. HOUSEH 03-06-96
PLOT SCALE = 56.8000 '/ IN. CHECKED - REVISED - A. HOUSEH 10-15-96
PLOT DATE = 1/4/2008 DATE - 06-89 REVISED -T. RAMMACHER 01-06-00

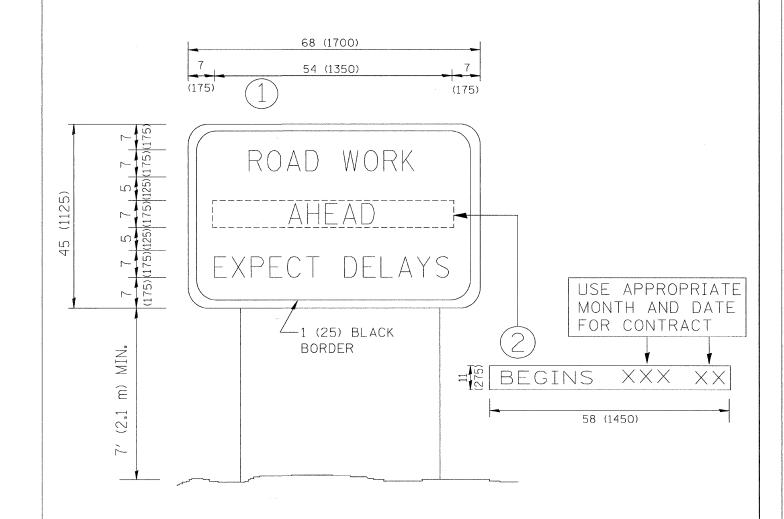
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SHEET NO. 14 OF 16 SHEETS STA. TO STA.

09285-DTLS-01 - IDOT P03





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.

COUNTY TOTAL SHEET NO.

COOK 16 16 FILE NAME = DESIGNED REVISED - R. MIRS 09-15-97 DISTRICT ONE SECTION STATE OF ILLINOIS W:\dietetd\22x34\to22.dgn REVISED - R. MIRS 12-11-97 ARTERIAL ROAD INFORMATION SIGN 09-00183-00-SP **DETAILS** PLOT SCALE = 50.000 '/ IN. CHECKED REVISED -T. RAMMACHER 02-02-99 DEPARTMENT OF TRANSPORTATION CONTRACT NO. 63313 REVISED - C. JUCIUS 01-31-07 SHEET NO. 16 OF 16 SHEETS STA. TO STA. PLOT DATE = 1/4/2008 DATE SCALE: NONE