

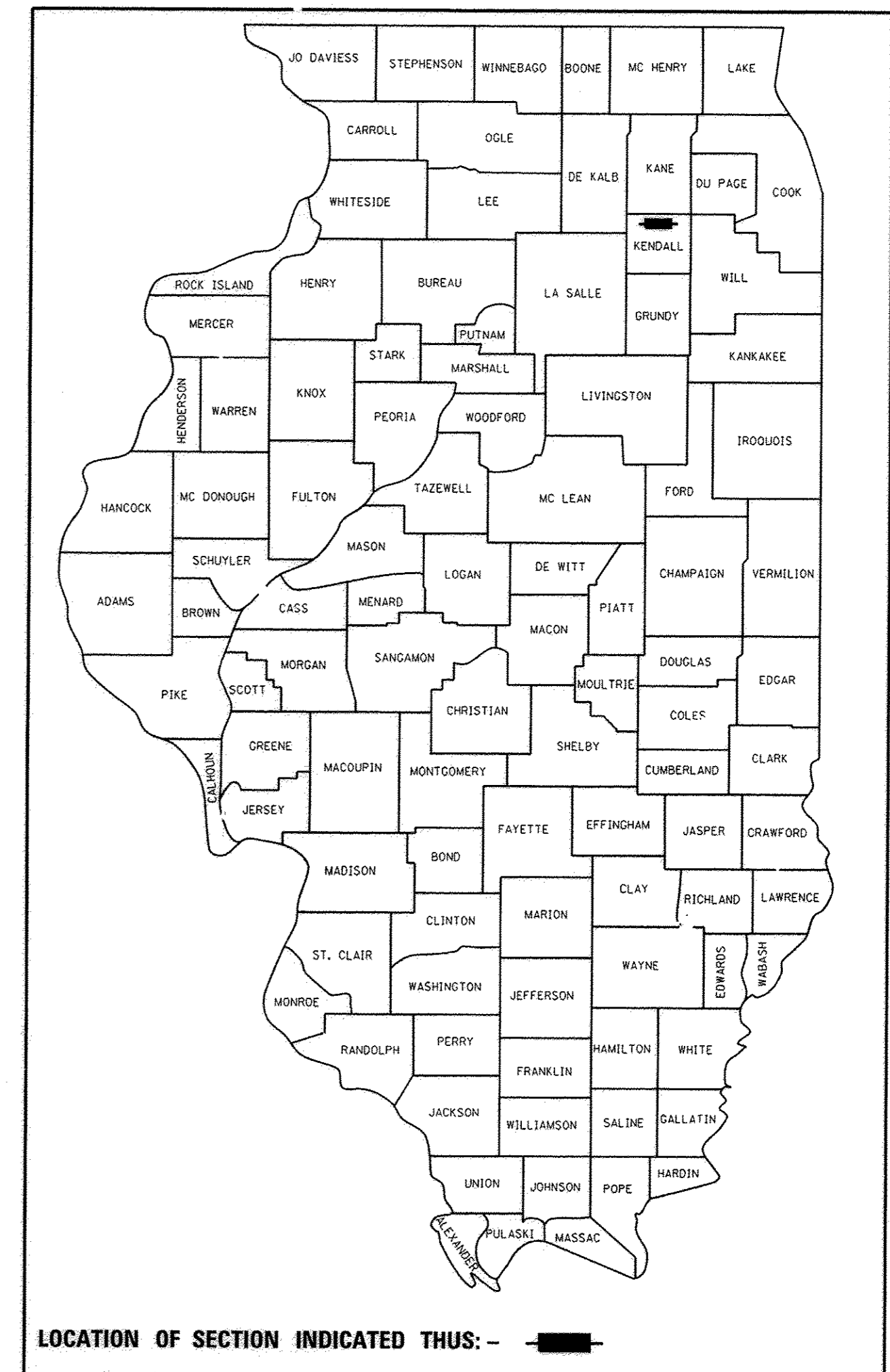
11-4-2016 LETTING ITEM 078

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY  
STP FUNDS**

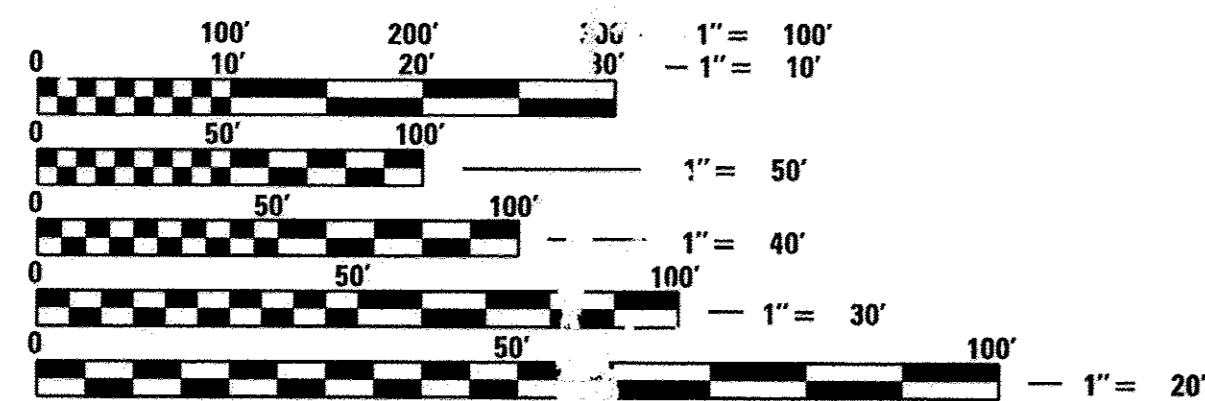
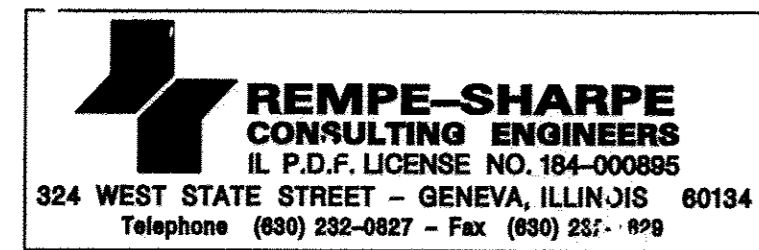
FAU ROUTE 6469 (MAIN STREET - STAGE 1)  
SECTION 15-00046-00-PV  
PROJECT M-4003(803)  
RESURFACING / WIDENING  
CITY OF PLANO  
KENDALL COUNTY  
C-93-109-16

FOR INDEX OF SHEETS, SEE SHEET NO. 2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6469	15-00046-00-PV	KENDALL	24	1
FED. ROAD DISTRICT NO. 3 ILLINOIS		CONTRACT NO. 87661		



**TRAFFIC DATA**  
ADT (2030) = 1,340  
POSTED SPEED LIMIT = 25 MPH  
CLASSIFICATION = MAJOR COLLECTOR

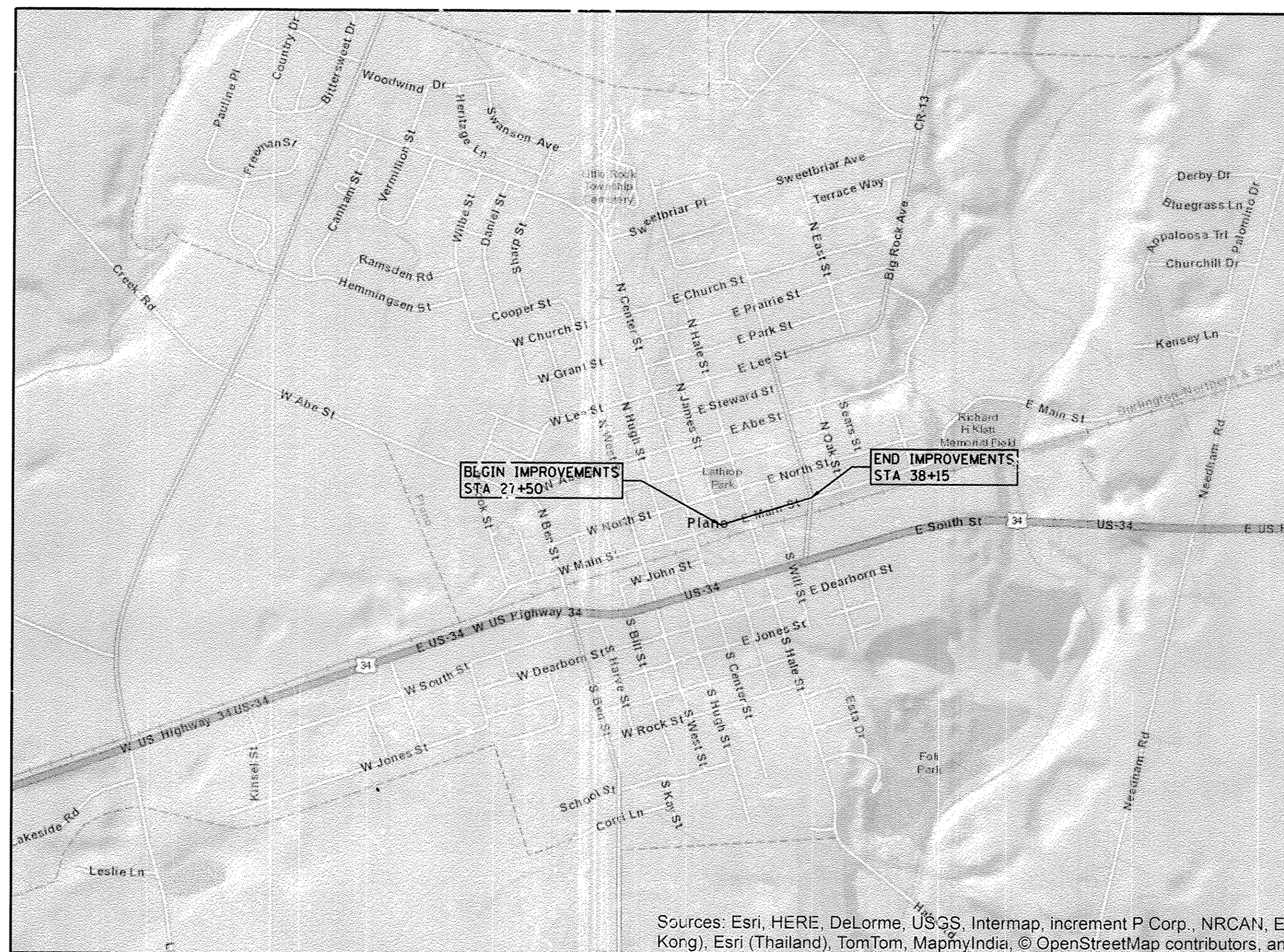


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER - JAMES J. BIBBY, P.E.  
PROJECT MANAGER - JAMES J. BIBBY, P.E.

CONTRACT NO. 87661



GROSS LENGTH = 1,065 FT. = 0.20 MILE  
NET LENGTH = 1,065 FT. = 0.20 MILE

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Korg), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED *Robert Hausler* 20 16  
MAYOR ROBERT HAUSLER, CITY OF PLANO

PASSED *David R. E.* 8/29 20 16  
DISTRICT THREE ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW *Kevin Hauke* 8/29 20 16  
DEPUTY OF HIGHWAYS, REGION THREE ENGINEER

*James J. Bibby*  
JAMES J. BIBBY  
ILLINOIS REGISTERED PROFESSIONAL ENGINEER  
NO. 62-039785 EXPIRES 11-30-17

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**



**INDEX OF SHEETS  
NO. DESCRIPTION**

1	TITLE SHEET
2	INDEX OF SHEETS, APPLICABLE HIGHWAY STANDARDS, GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	SCHEDULE OF QUANTITIES
6	ALIGNMENT AND BENCHMARKS
7	CONTROL TIES
8	REMOVAL PLAN
9-10	MAIN STREET PLAN AND PROFILE
11	EROSION CONTROL PLAN
12-13	MAIN STREET DRAINAGE AND UTILITY PLAN
14-17	INTERSECTION PLAN
18	SIGNAGE AND PAVEMENT MARKING PLAN
19-20	MAIN STREET CROSS SECTIONS
21-24	DISTRICT 3 DETAILS

**APPLICABLE IDOT HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-08	PERPENDICULAR CURB RAMPS AND SIDEWALKS
424011-02	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-03	DEPRESSED CORNER FOR SIDEWALKS
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
602301-04	INLET - TYPE A
602306-03	INLET - TYPE B
602401-03	MANHOLE TYPE A
602601-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS TYPE 1
604406-05	FRAME AND GRATE TYPE 3
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-06	URBAN LANE CLOSING, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS, 2L, 2W, ROAD CLOSED TO THROUGH TRAFFIC

**GENERAL NOTES:**

1. SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS:  
ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED APRIL 1, 2016; THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN IN ILLINOIS, THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE "DETAILS" ON THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
2. EXISTING UTILITIES:  
ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE DEPARTMENT.  
EXISTING UTILITIES ARE SHOWN ON THE PLANS ACCORDING TO INFORMATION OBTAINED FROM THE UTILITY COMPANIES, CITY, AND FIELD SURVEYS. THE ACCURACY AND COMPLETENESS OF SAID INFORMATION IS NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE, NATURE, AND EXACT LOCATIONS OF ALL UTILITY LINES AND APPURTENANCES WITHIN THE LIMITS OF THE IMPROVEMENTS. THE CONTRACTOR SHALL GIVE PRIOR NOTIFICATION TO THE UTILITY COMPANIES AND THE CITY OF HIS INTENTION TO BEGIN WORK.  
SHOULD CERTAIN EXISTING UTILITY FACILITIES INTERFERE WITH THE PROPOSED CONSTRUCTION, THEY WILL HAVE TO BE REMOVED AND RELOCATED BY THE UTILITY COMPANIES. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE THIS WORK WITH ALL AFFECTED UTILITY COMPANIES AND THE CITY SO AS TO INSURE THE TIMELY COMPLETION AND MAINTENANCE OF SAID UTILITY FACILITIES.  
THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE INTERFERENCE WITH OR DAMAGE TO ANY EXISTING UTILITY FACILITY AND APPURTENANCES SUCH AS WATER MAINS, SEWERS, GAS MAINS, ELECTRIC AND SIGNAL CABLES, CONDUITS, ETC., RESULTING FROM THE OPERATIONS OF HIS EQUIPMENT OR MEN AND SHALL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE AND WITH THE LEAST POSSIBLE DELAY. NO EXTRA COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY EXPENSES INCURRED BECAUSE OF THE DELAYS, INCONVENIENCES, OR INTERRUPTIONS TO HIS WORK RESULTING FROM COMPLIANCE WITH THE ABOVE REQUIREMENTS.
3. PROTECTION OF PUBLIC/PRIVATE PROPERTY:  
THE CONTRACTOR SHALL PROTECT ALL EXISTING TREES, PARKWAYS, SHRUBS, FENCES, DRAIN LINES, POWER LINES, AND OTHER PUBLIC/PRIVATE PROPERTY. ANY ITEM THAT IS DAMAGED SHALL BE REPLACED OR REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER AT NO COST TO THE CONTRACT.
4. CONNECTIONS TO EXISTING STORM SEWERS:  
ANY ADDITIONAL COSTS INVOLVED IN CONNECTING PROPOSED STORM SEWER LINES TO EXISTING STORM SEWER STRUCTURES AND PIPES SHALL BE CONSIDERED INCIDENTAL TO THE ITEM BEING CONSTRUCTED AND NO ADDITIONAL COMPENSATION ALLOWED.
5. EXISTING STREET CLEANLINESS:  
THE CONTRACTOR SHALL KEEP EXISTING AND ADJACENT STREETS CLEAN OF DIRT, MUD, AND OTHER DEBRIS AND, WHEN NECESSARY, CLEAN SAID PAVEMENTS ON A DAILY BASIS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
6. REMOVAL, MAINTENANCE AND RESETTING EXISTING, STREET SIGNS AND STOP SIGNS:  
EXISTING STREET SIGNS, AND STOP SIGNS WHICH INTERFERE WITH CONSTRUCTION SHALL BE REMOVED AND TEMPORARILY RELOCATED DURING CONSTRUCTION BY THE CONTRACTOR. AFTER THE WORK HAS BEEN COMPLETED, SAID SIGNS SHALL BE RESET AT A LOCATION SPECIFIED BY THE ENGINEER. THE COST OF THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE CONTRACT WITH NO ADDITIONAL COMPENSATION ALLOWED. ANY SIGN DAMAGED OR LOST SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. TEMPORARY STOP SIGNS SHALL BE PLACED AS REQUIRED BY THE VILLAGE AS PART OF THE TRAFFIC CONTROL AND PROTECTION PAY ITEM
7. EXPANSION JOINTS IN CONCRETE CONSTRUCTION:  
EXPANSION JOINTS OF THE THICKNESS SPECIFIED SHALL BE PLACED AT ALL LOCATIONS SHOWN ON THE DRAWINGS AS SPECIFIED IN THE SPECIAL PROVISIONS, OR AS DIRECTED BY THE ENGINEER. THE COST OF FURNISHING AND PLACING ALL EXPANSION JOINT MATERIAL SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR THE VARIOUS CONCRETE CONSTRUCTION ITEMS OF WORK.
8. BEFORE STARTING ANY EXCAVATIONS, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE CABLE AND GAS FACILITIES (48 HOUR NOTIFICATIONS IS REQUIRED).
9. BARRICADES: (AS NEEDED)  
THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE, ONE (1) WEIGHTED SANDBAG ACROSS EACH BOTTOM RAIL.
10. THE CONTRACTOR SHALL MAKE ALL SAW CUTS REQUIRED FOR THE REMOVAL OF CONCRETE CURB AND GUTTER, CONCRETE SIDEWALK, CONCRETE DRIVEWAYS, BITUMINOUS DRIVEWAYS AND BITUMINOUS PAVEMENTS OR AS DIRECTED BY THE ENGINEER. THE COST FOR SAW CUTTING SHALL BE INCLUDED TO THE ASSOCIATED WORK ITEM AND SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT.
11. WORK HOURS MAY BEGIN NO EARLIER THAN 7:00 AM, MONDAY THROUGH FRIDAY, AND NO EARLIER THAN 8:00 AM ON SATURDAY.
12. ALL DAY OPERATIONS WHICH REQUIRE SHIFTING TRAFFIC LANES SHALL ONLY BE PERMITTED ONE BLOCK AT A TIME AND SHALL BE LIMITED TO THE HOURS OF 7:00 AM TO 5:00 PM, MONDAY THROUGH FRIDAY.
13. ALL INTERSECTIONS SHALL BE OPENED EACH NIGHT TO ALLOW TWO-WAY TRAFFIC OVER A MINIMUM 24-FOOT WIDE TEMPORARY SURFACE. TEMPORARY ACCESS MAY OPTIONALLY BE PROVIDED BY USE OF STEEL PLATES, AT NO ADDITIONAL COMPENSATION TO TEMPORARY ACCESS - ROAD.
14. ALL PRIVATE AND COMMERCIAL ENTRANCES SHALL BE OPENED EACH NIGHT TO ALLOW ACCESS OVER A MINIMUM 12-FOOT WIDE (PRIVATE) AND 24-FOOT WIDE (COMMERCIAL) TEMPORARY SURFACE. (A COMMERCIAL DRIVE MAY BE CLOSED FOR NO MORE THAN FIVE (5) CALENDAR DAYS, IF THE SITE HAS MULTIPLE ACCESS DRIVES.) TEMPORARY ACCESS MAY OPTIONALLY BE PROVIDED BY USE OF STEEL PLATES, AT NO ADDITIONAL COMPENSATION TO TEMPORARY ACCESS - PRIVATE ENTRANCE OR TEMPORARY ACCESS - COMMERCIAL ENTRANCE.
15. SPECIAL COORDINATION SHALL BE REQUIRED TO ASSURE 24-HOUR ACCESS, OVER A MINIMUM 24-FOOT WIDE TEMPORARY SURFACE AT POLICE STATION , AT NO ADDITIONAL COMPENSATION TO TEMPORARY ACCESS - COMMERCIAL ENTRANCE.
16. PUMPING, IF REQUIRED TO MAINTAIN DRAINAGE OR FOR THE CONTRACTOR'S CONVENIENCE, SHALL NOT BE COMPENSATED FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
17. NO BARRICADES OR UNEVEN SURFACES SHALL BE ALLOWED OVER WINTER. ANY AREAS MILLED SHALL BE RESURFACED IN THE SAME SEASON. ANY DETECTOR LOOPS REMOVED SHALL BE REPLACED IN THE SAME SEASON.
18. ADJUSTMENTS AND RECONSTRUCTION -  
IN THE SPECIAL PROVISION FOR ADJUSTMENTS AND RECONSTRUCTIONS, ALL REFERENCES TO "CLASS PP CONCRETE" AND " CLASS PP-1 CONCRETE" SHALL BE REPLACED WITH " HIGH EARLY STRENGTH CONCRETE". THIS SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

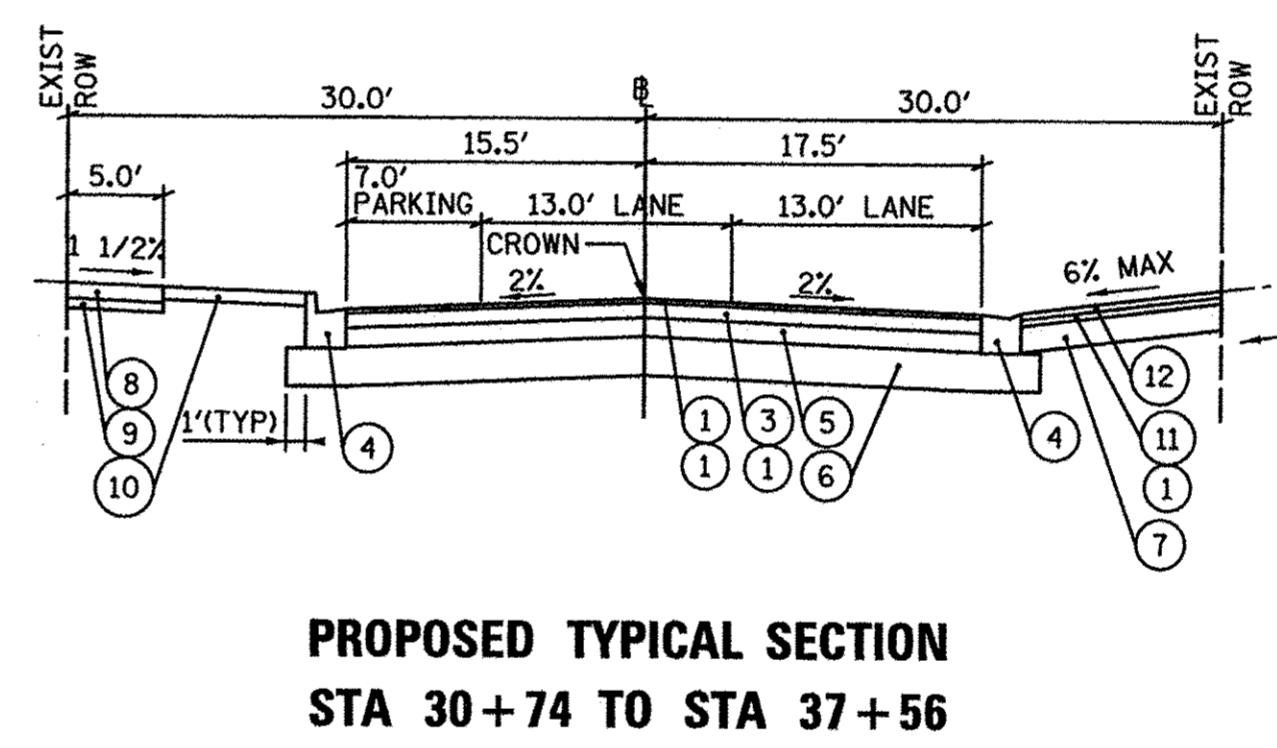
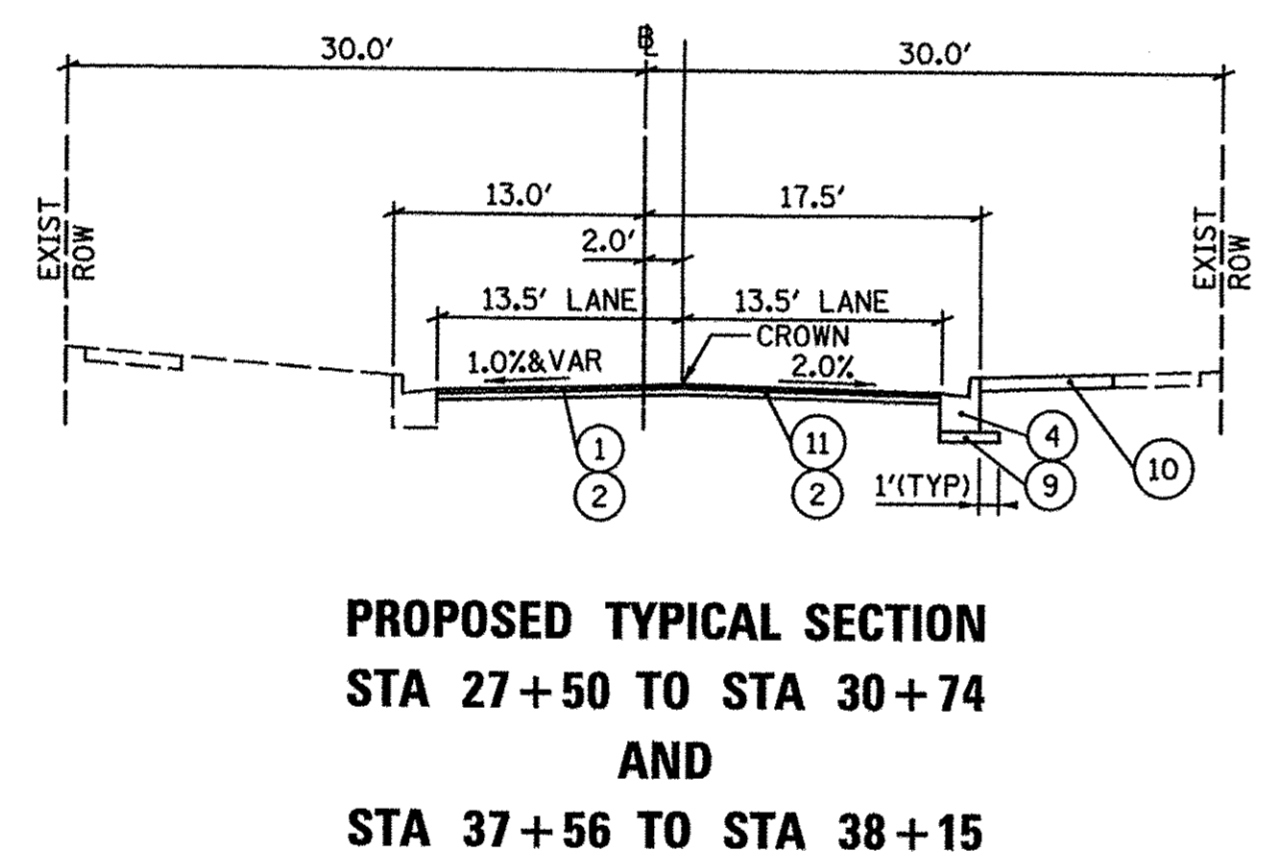
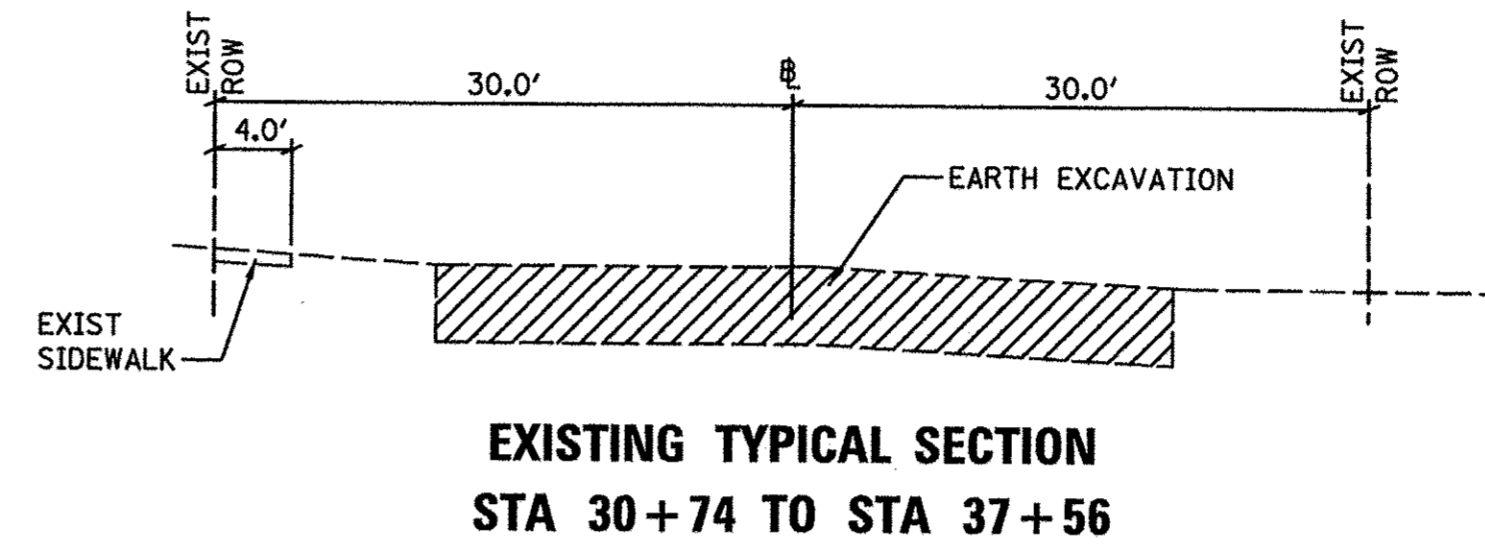
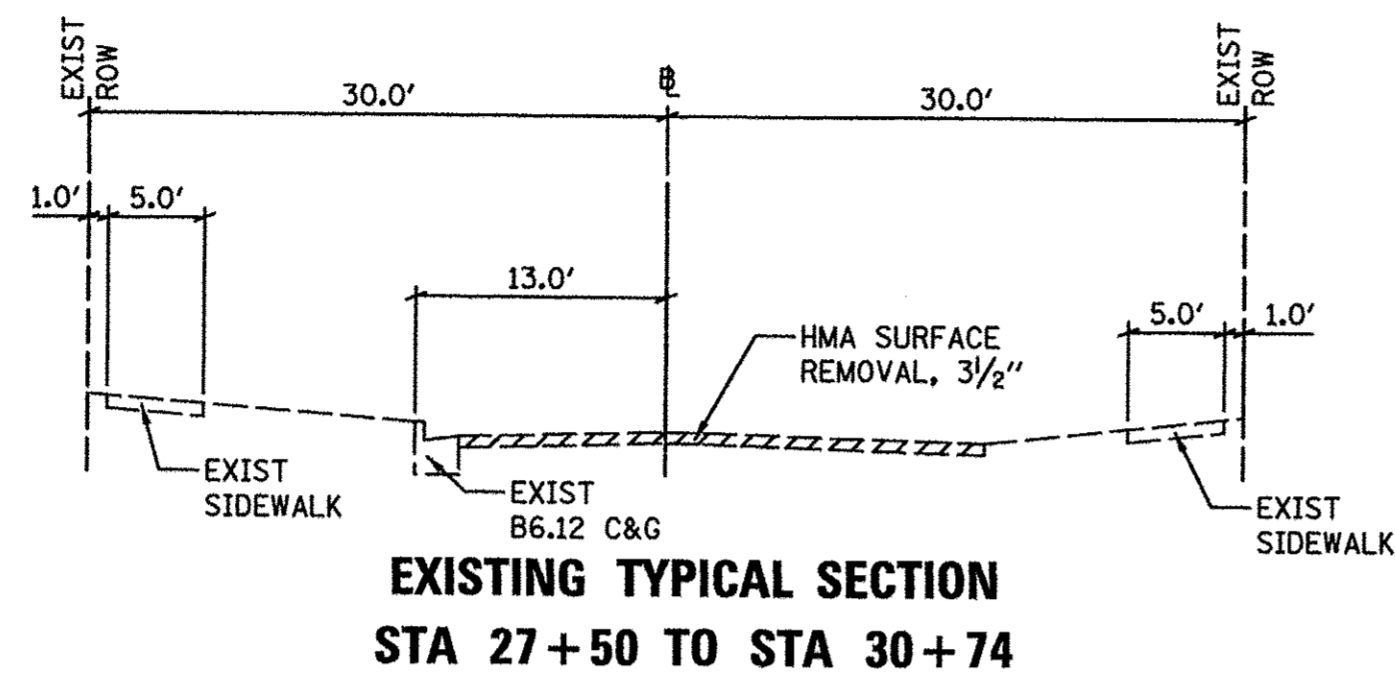
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PLA01Phase1.Index_HighwayStandard.GeneralNotes.dgn		DRAWN -- LV	REVISED --						6469	15-00046-00-PV	KENDALL	24	2
MODELNAME#	PLOT SCALE = 1.0000 ft / in.	CHECKED -- JB/ LV	REVISED --		SCALE: NONE SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 87661				
	PLOT DATE = 7/15/2016	DATE -- JULY 2016	REVISED --		FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT								

ITEM NO.	ITEM DESCRIPTION	UNITS	TOTAL QUANTITY
20100210	TREE REMOVAL, OVER 15 UNIT DIAMETER	UNIT DIA	96
20101200	TREE ROOT PRUNING, OVER 15 UNIT DIAMETER	EACH	10
20200100	EARTH EXCAVATION	CU YD	2541
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	250
20700220	POROUS GRANULAR EMBANKMENT	CU YD	250
20800150	TRENCH BACKFILL	CU YD	397
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	750
21101615	TOPSOIL, FURNISH AND PLACE, 4"	SQ YD	1105
25000100	SEEDING, CLASS 1	ACRE	0.23
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	25
25000500	PHOSPHOROUS FERTILIZER NUTRIENT	POUND	25
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	25
25100630	EROSION CONTROL BLANKET	SQ YD	1105
28000510	INLET FILTERS	EACH	19
31102712	SUBBASE GRANULAR MATERIALS, TYPE C, 12"	SQ YD	3194
35101800	AGGREGATE BASE COURSE, TYPE B, 6"	SQ YD	2750
35102000	AGGREGATE BASE COURSE, TYPE B, 8"	SQ YD	683
35800100	PREPARATION OF BASE	SQ YD	2160
35800200	AGGREGATE BASE REPAIR	TON	27
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	23770
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	14265
40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TON	10
40600982	HOT MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	298
40603080	HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	1055
40603335	HOT MIX ASPHALT SURFACE COURSE, MIX D, N50	TON	499
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	SQ FT	3020
42400800	DETECTABLE WARNINGS	SQ FT	90
44000163	HOT MIX ASPHALT SURFACE REMOVAL, 3-1/2"	SQ YD	2160
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1024
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	900
44000600	SIDEWALK REMOVAL	SQ FT	3085
48101200	AGGREGATE SHOULDER, TYPE B	TON	10
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 12"	FOOT	631
550A2330	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 15"	FOOT	150
55100300	STORM SEWER REMOVAL, 8"	FOOT	55
55100500	STORM SEWER REMOVAL, 12"	FOOT	39
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	1
56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	4
60108106	PIPE UNDERDRAINS, TYPE 1, 6"	FOOT	127
60218400	MANHOLE, TYPE A, W/TYPE 1 FRAME & CLOSED LID	EACH	1
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	4
60235700	INLETS, TYPE A, TYPE 3, FRAME AND GRATE	EACH	5
60240220	INLETS, TYPE B, WITH TYPE 3 FRAME AND GRATE	EACH	4
60255500	MANHOLES TO BE ADJUSTED	EACH	1
60255700	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME AND OPEN LID	EACH	3
60260100	INLETS TO BE ADJUSTED	EACH	1
60265900	VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME AND CLOSED LID	EACH	6
60500040	REMOVING MANHOLES	EACH	1
60500080	REMOVING INLETS	EACH	2
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.18	FOOT	1725
68900200	NON-SPECIAL WASTE DISPOSAL	CU YD	500
67100100	MOBILIZATION	LSUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2000
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	SQ FT	81
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2110
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	697
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	170
78300150	PAVEMENT MARKING REMOVAL	SQ FT	250
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	4
X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	10
X4023000	TEMPORARY ACCESS (ROAD)	EACH	3
X8028056	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	6
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	126
Z0048885	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1

\* SPECIAL PROVISIONS    Δ SPECIALTY ITEMS

FILE NAME = PLA01Phase1_SummaryofQuantities.dgn	USER NAME = .USER.	DESIGNED - EJ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>				F.A. U. RTE. 6469	SECTION 15-00046-00-PV	COUNTY KENDALL	TOTAL SHEETS 24	SHEET NO. 3
*MODELNAME*	PLOT SCALE = 1.0000 ft / in.	CHECKED - JB/ LV	REVISED -		SCALE: NONE	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 87661		
	PLOT DATE = 7/15/2016	DATE - JULY 2016	REVISED -		FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT								





STRUCTURAL PAVEMENT DESIGN INFORMATION:  
 STRUCTURAL NUMBER, D+ = 3.0 REQUIRED  
 STRUCTURAL NUMBER, D+ = 4.6 PROVIDED

**PROPOSED PAVEMENT LEGEND**

- ① HMA SURFACE COURSE, MIX "D", N50 (1 1/2")
- ② BITUMINOUS MATERIAL (PRIME COAT)
- ③ HMA BINDER COURSE, IL-19.0, N50 (4 1/2")
- ④ COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.18
- ⑤ AGGREGATE BASE COURSE, TYPE B, (CA-6) 6"
- ⑥ SUB-GRADE GRANULAR MATERIAL, (CA-1) 12"
- ⑦ AGGREGATE BASE COURSE, TYPE B, (CA-6) 8"
- ⑧ PCC SIDEWALK, 5", 6" AT DRIVEWAYS
- ⑨ AGGREGATE BASE COURSE, TYPE B, (CA-6) 3"
- ⑩ TOPSOIL FURNISH AND PLACE, 4"  
SEEDING CLASS 1, FERTILIZERS  
EROSION CONTROL BLANKET
- ⑪ HMA BINDER COURSE, IL-19.0, N50, 2 1/4"
- ⑫ HMA SURFACE COURSE, MIX D, N50, 2"

**HOT-MIX ASPHALT DESIGN TABLE**

MIXTURE TYPE	AIR VOIDS @ Ndes
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 IL 9.5mm	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	4% @ 50 GYR

\* THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

FILE NAME = PLA01Phase1_TypicalSections.dgn	USER NAME = .USER.	DESIGNED - EJ	REVISED -
		DRAWN - LV	REVISED -
	PLOT SCALE = 10.0000 ft / in.	CHECKED - JB/ LV	REVISED -
MODELNAME*	PLOT DATE = 7/15/2016	DATE - JULY 2016	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

<b>MAIN STREET TYPICAL SECTIONS</b>			
SCALE: NONE	SHEET	OF SHEETS	STA. TO STA.

F.A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6469	15-00046-00-PV	KENDALL	24	4
CONTRACT NO. 87661			FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT	



INLET FILTERS	
STATION	QUANTITY (EACH)
27+40, LT	1
27+40, RT	1
27+90, LT	1
27+90, RT	1
30+40, LT	1
30+40, RT	1
31+15, LT	1
31+65, RT	1
32+00, RT	1
32+26, 18.5' LT	1
32+26, 18.5' RT	1
32+26, 28' RT	1
32+82, RT	1
33+50, LT	1
34+10, LT	1
34+10, RT	1
37+40, LT	1
38+20, LT	1
38+25, RT	1
<b>TOTAL</b>	<b>19 EACH</b>

TOPSOIL FURNISH AND PLACE, 4 INCH SEEDING, CLASS 1 EROSION CONTROL BLANKET	
STATION	QUANTITY (SQ YD)
28+00 to 30+50, RT	190
31+00 to 37+70, LT	515
31+00 to 37+70, RT	400
<b>TOTAL</b>	<b>1105 SQ YD</b>
	= 0.23 ACRES

COMBINATION CURB AND GUTTER REMOVAL	
STATION	QUANTITY (FOOT)
30+90 to 33+45, LT	280
30+90 to 31+10, RT	45
34+00 to 37+70, LT	450
36+50 to 37+15, RT	100
37+65 to 37+90, RT	25
<b>TOTAL</b>	<b>900 FOOT</b>

SIDEWALK REMOVAL	
STATION	QUANTITY (SQ FT)
28+00 to 28+05, RT	50
29+00 to 30+60, RT	900
31+00 to 33+60, LT	1320
31+00 to 31+85, RT	320
33+90 to 37+70, LT	400
37+70 to 37+85, RT	75
<b>TOTAL</b>	<b>3065 SQ FT</b>

HMA SURFACE REMOVAL - BUTT JOINT	
STATION	QUANTITY (SQ YD)
27+50, CL	35
27+70, LT	22
30+74, LT	28
30+76, RT	18
30+87, CL	60
33+70, LT	16
37+50, CL	62
37+50, RT	21
37+80, LT	16
38+15, CL	20
<b>TOTAL</b>	<b>298 SQ YD</b>

HMA SURFACE REMOVAL, 3.5 INCHES	
STATION	QUANTITY (SQ YD)
27+50 to 30+87, CL	1500
33+65 to 33+85, LT	70
37+15 to 38+15, CL	590
<b>TOTAL</b>	<b>2160 SQ YD</b>

DRIVEWAY PAVEMENT REMOVAL	
STATION	QUANTITY (SQ YD)
28+70, RT	24
29+90, RT	21
30+25, RT	1
31+75, RT	106
32+00, RT	15
32+50, RT	832
35+55, LT	11
35+90, LT	17
<b>TOTAL</b>	<b>1024 SQ YD</b>

MANHOLES TO BE ADJUSTED	
STATION	QUANTITY (EACH)
34+10, LT	1
<b>TOTAL</b>	<b>1 EACH</b>

REMOVING INLETS	
STATION	QUANTITY (EACH)
31+00, LT	1
37+40, LT	1
<b>TOTAL</b>	<b>2 EACH</b>

REMOVING MANHOLE	
STATION	QUANTITY (EACH)
27+55, LT	1
<b>TOTAL</b>	<b>1 EACH</b>

STORM SEWER REMOVAL, 8" DIA.	
STATION	QUANTITY (FOOT)
27+60, LT	55
<b>TOTAL</b>	<b>55 FOOT</b>

STORM SEWER REMOVAL, 12" DIAMETER	
STATION	QUANTITY (FOOT)
31+80, LT	18
37+80, LT	23
<b>TOTAL</b>	<b>38 FOOT</b>

MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME AND CLOSED LID	
STATION	QUANTITY (EACH)
30+90, LT	1
37+50, RT	1
38+05, LT	1
<b>TOTAL</b>	<b>3 EACH</b>

SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME AND LID	
STATION	QUANTITY (EACH)
28+40, LT	1
29+60, LT	1
32+00, LT	1
33+85, RT	1
35+75, LT	1
37+60, LT	1
<b>TOTAL</b>	<b>6 EACH</b>

FIRE HYDRANT TO BE ADJUSTED (AS NEEDED)	
STATION	QUANTITY (EACH)
36+70, RT	1
<b>TOTAL</b>	<b>1 EACH</b>

DOMESTIC WATER BOXES TO BE ADJUSTED	
STATION	QUANTITY (EACH)
30+30, RT	1
35+40, LT	1
36+25, LT	1
37+00, LT	1
<b>TOTAL</b>	<b>4 EACH</b>

VALVE VAULTS TO BE ADJUSTED WITH NEW TYPE 1 FRAME AND LID	
STATION	QUANTITY (EACH)
27+60, LT	1
29+90, RT	1
30+25, RT	1
30+60, RT	1
33+60, RT	1
34+20, RT	1
<b>TOTAL</b>	<b>6 EACH</b>

MANHOLE TY A W/TY 1 FRAME, CLOSED LID	
STATION	QUANTITY (EACH)
27+55, LT	1
<b>TOTAL</b>	<b>1 EACH</b>

INLETS TO BE ADJUSTED	
STATION	QUANTITY (EACH)
38+19, LT	1
<b>TOTAL</b>	<b>1 EACH</b>

THERMOPLASTIC PAVEMENT MARKING, LINE 4"	
STATION	QUANTITY (FOOT)
28+00 to 30+50, CL	480
31+10 to 35+00, LT	180
31+10 to 35+00, RT	780
35+00 to 37+70, LT	150
35+00 to 36+86, RT	380
38+10 to 38+80, CL	140
<b>TOTAL</b>	<b>2110 FEET</b>

THERMOPLASTIC PAVEMENT MARKING, LINE 6"	
STATION	QUANTITY (FOOT)
27+50, CL	100
27+50, LT	70
28+00, CL	60
30+50, CL	70
30+80, LT	100
30+80, RT	75
33+75, LT	70
37+80, LT	50
37+90, CL	102
<b>TOTAL</b>	<b>697 FEET</b>

THERMOPLASTIC PAVEMENT MARKING, LINE 24"	
STATION	QUANTITY (FOOT)
27+60, LT	16
30+40, RT	15
31+10, LT	20
33+60, LT	13
36+85, RT	14
37+25, RT	50
37+25, RT	15
37+75, LT	12
38+05, LT	15
<b>TOTAL</b>	<b>170 FEET</b>

THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS	
STATION	QUANTITY (SQ FT)
37+25, RT	81
<b>TOTAL</b>	<b>81 SQ FT</b>

TREE REMOVAL, 15 OVER UNIT DIAMETER	
STATION	QUANTITY (UNIT)
33+00, 19' LT	24
34+16, 25' RT	24
34+88, 25' RT	24
35+26, 26' RT	24
<b>TOTAL</b>	<b>96 UNIT</b>

TRENCH BACKFILL	
STATION	QUANTITY (CU YD)
27+50, LT	10
27+50, CL	9
27+75, LT	30
27+75, RT	25
30+50, RT	21
31+00, LT	13
32+00, LT	48
32+00, RT	6
32+65, RT	4
32+24, CL	11
32+82, RT	13
33+75, LT	26
34+12, CL	15
35+00, LT	155
37+45, CL	11
<b>TOTAL</b>	<b>397 CU YD</b>

MIXTURE FOR CRACKS, JOINTS & FLANGWAYS	
STATION	QUANTITY (TONS)
28+00 to 30+87	5
33+75, LT	1
37+50 to 38+15	4
<b>TOTAL</b>	<b>10 TONS</b>

COMB CONC CURB & GUTTER, TYPE B6.18	
STATION	QUANTITY (FOOT)
27+90 to 30+65, RT	288
30+90 to 33+60, LT	312
30+90 to 37+30, RT	680
33+90 to 37+70, LT	420
37+60 to 37+80, RT	25
<b>TOTAL</b>	<b>1725 FEET</b>

PCC SIDEWALK, 5" (6" AT DRIVEWAY)	
STATION	QUANTITY (SQ FT)
28+00, RT	50
29+00 to 30+60, RT	800
31+00 to 33+60, LT	1405
31+00 to 32+20, RT	280
33+90 to 35+00, LT	150
35+00 to 37+70, LT	260
37+75, RT	75
<b>TOTAL</b>	<b>3020 SQ FT</b>

PIPE UNDERDRAINS, TYPE 1, 6"	
STATION	QUANTITY (FT)
31+65, RT	35
32+00, RT	26
32+26, RT	10
32+82, RT	56
<b>TOTAL</b>	<b>127 FOOT</b>

STORM SEWER, RUBBER GASKET, CLASS A, TYPE 1, 12" (RCP)		
STORM SEWER, RUBBER GASKET, CLASS A, TYPE 1, 15" (RCP)		
*DENOTES WATERMAIN QUALITY PIPE REQUIRED AT WATERMAIN CROSSING		
STATION	QUANTITY (FOOT)	
	12"	15"
27+50, LT		10
27+50, CL		10
27+75, LT		* 38
27+75, RT		* 46
30+50, RT		* 55
31+00, LT		23
32+00, LT		117
32+24, CL		* 35
33+75, LT		* 61
34+12, CL		* 35
35+00, LT		328
37+45, CL		23
<b>TOTAL</b>	<b>631 FEET</b>	<b>150 FEET</b>

INLETS, TYPE A, 2' DIA W/TY 3 FRAME AND GRATE		
INLETS, TYPE B, 3' DIA W/TY 3 FRAME AND GRATE		
STATION	QUANTITY (EACH)	
	TYPE A	TYPE B
27+90, RT	1	
30+40, RT	1	
31+11, LT		1
32+26, LT		1
32+26, RT	1	
33+52, LT	1	
34+12, LT		1
34+12, RT	1	
37+40, LT		1
<b>TOTAL</b>	<b>5 EACH</b>	<b>4 EACH</b>

INLETS, TYPE A, 2' DIA W/TY 1 FRAME AND GRATE	
STATION	QUANTITY (EACH)
31+65, RT	1
32+00, RT	1
32+26, RT	1
32+82, RT	1
<b>TOTAL</b>	<b>4 EACH</b>

AGGREGATE BASE COURSE, TYPE B, 8" (DRIVEWAYS)	
STATION	QUANTITY (SQ YD)
28+70, RT	26
29+90, RT	24
31+75, RT	34
32+10, RT	20
32+60, RT	65
32+70, LT	15
33+00, RT	470
35+60, LT	16
35+80, LT	13
<b>TOTAL</b>	<b>683 SQ YD</b>

AGGREGATE BASE COURSE, TYPE B, 6"	
STATION	QUANTITY (SQ YD)
30+87 to 37+56	2750
<b>TOTAL</b>	<b>2750 SQ YD</b>

SUBBASE GRANULAR MATERIALS, TYPE C, 12"	
STATION	QUANTITY (SQ YD)
30+87 to 37+56	3194
<b>TOTAL</b>	<b>3194 SQ YD</b>

HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50									
HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50									
BITUMINOUS MATERIALS (PRIME COAT)									
BITUMINOUS MATERIALS (TACK COAT)									
STATION	SY	BINDER		SURFACE		PRIME COAT		TACK COAT	
		INCHES	TONS	INCHES	TONS	GALLONS	POUNDS	GALLONS	POUNDS
27+50 to 30+87	1500	2-1/4"	189	1.5"	126	750	6375	450	3825
30+87 to 37+56	2750	4.5"	695	1.5"	232	1375	11690	825	7013
33+60 to 33+80	70	2-1/4"	9	1.5"	6	35	300	21	179
37+15 to 38+15	590	2-1/4"	75	1.5"	50	295	2500	177	1505
Driveways	683	2-1/4"	87	2"	78	341	2905	205	1743
<b>TOTAL</b>			<b>1055 TONS</b>		<b>499 TONS</b>	<b>2796 GAL</b>	<b>23770 POUNDS</b>	<b>1678 GAL</b>	<b>14265 POUNDS</b>

PREPARATION OF BASE		
AGGREGATE BASE REPAIR		
STATION	PREP (SY)	AGGR (TONS)
27+50 to 30+87, CL	1500	18
33+65 to 33+85, LT	70	1
37+15 to 38+15, CL	590	8
<b>TOTAL</b>	<b>2160 SQ YD</b>	<b>27 TONS</b>

DETECTABLE WARNINGS	
STATION	QUANTITY (SQ FT)
28+00, RT	10
30+50, RT	20
31+00, LT	10
31+00, RT	10
33+50, LT	10
34+00, LT	10
37+60, LT	10
37+75, RT	10
<b>TOTAL</b>	<b>90 SQ FT</b>

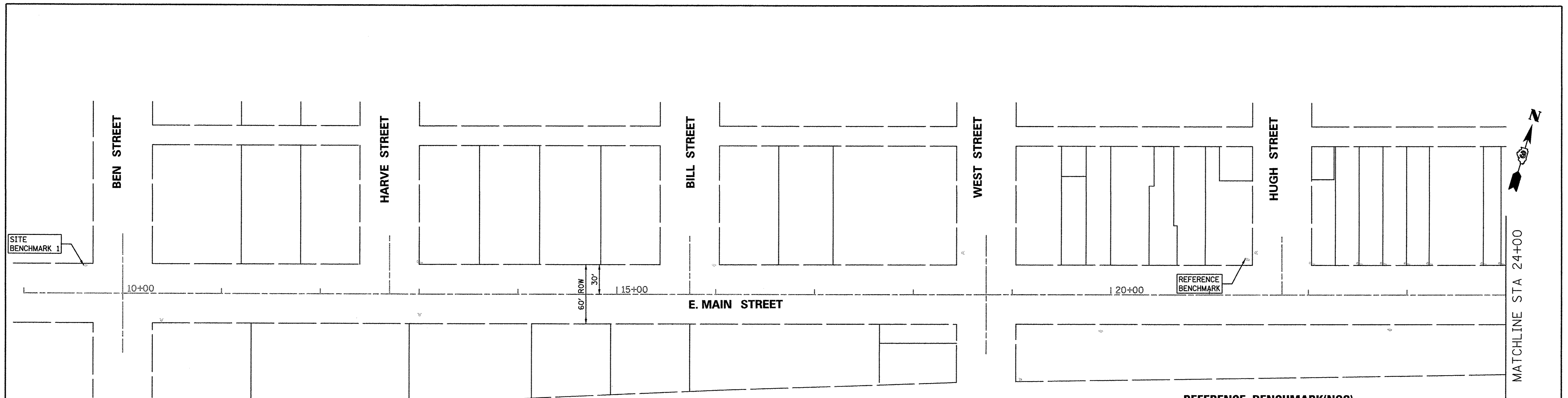
TEMPORARY ACCESS (PRIVATE ENTRANCE)	
STATION	QUANTITY (EACH)
29+90, RT	1
31+75, RT	1
35+50, LT	1
35+80, LT	1
<b>TOTAL</b>	<b>4 EACH</b>

TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	
STATION	QUANTITY (EACH)
27+50, RT	1
28+50, LT	1
30+00, LT	1
32+50, RT	1
32+60, LT	1
33+50, RT	1
34+50, RT	1
35+00, RT	1
36+00, RT	1
<b>TOTAL</b>	<b>10 EACH</b>

TEMPORARY ACCESS (ROAD)	
STATION	QUANTITY (EACH)
30+87, CL	1
33+70, LT	1
37+50, CL	1
<b>TOTAL</b>	<b>3 EACH</b>

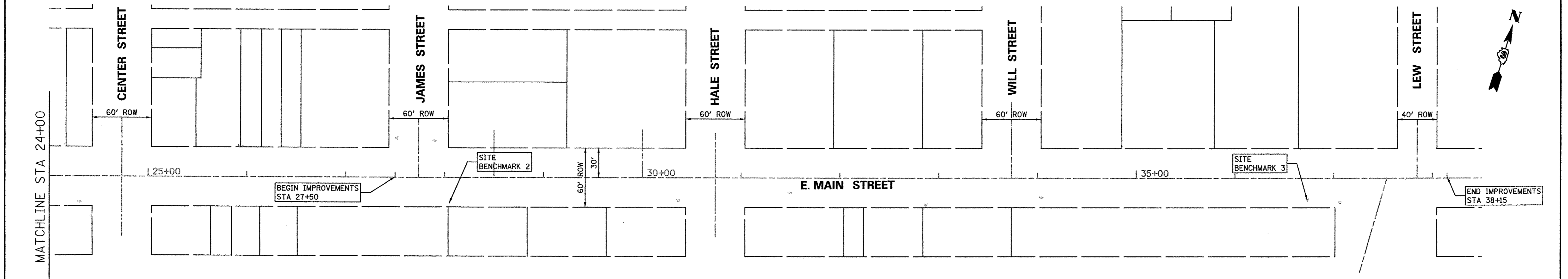
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**SITE BENCHMARK 1**  
 CHISELED CROSS CUT IN SIDEWALK LOCATED AT  
 THE NORTHWEST INTERSECTION OF BEN ST. AND MAIN ST.  
 ELEV. = 650.45

**REFERENCE BENCHMARK(NGS)**  
 ID MF0522  
 DESCRIBED BY COAST AND GEODETIC SURVEY 1934 AT PLANO,  
 AT PLANO, KENDALL COUNTY, AT THE FIRST STATE BANK BUILDING, 5  
 FEET EAST OF THE SOUTH ENTRANCE, 6-1/2 FEET WEST OF THE SOUTHEAST  
 CORNER OF THE BUILDING, BETWEEN A CONCRETE COLUMN AND THE CORNER  
 WALL, IN THE TOP OF THE WATER TABLE, AND 1 FOOT ABOVE THE  
 SIDEWALK. A STANDARD DISK, STAMPED PLANO 1934  
 ELEVATION = 649.50



**SITE BENCHMARK 2**  
 TOP OF SOUTHEAST CORNER TO DECORATIVE WALL  
 LOCATED AT THE INTERSECTION OF JAMES ST AND  
 MAIN ST, CITY OF PLANO VILLAGE HALL.  
 ELEV. = 653.11

**SITE BENCHMARK 3**  
 TOP OPERATING NUT OF FIRE HYDRANT LOCATED AT  
 THE SOUTHWEST INTERSECTION OF LEW ST. AND MAIN ST.  
 ELEV. = 649.53

FILE NAME = PLA01Phase1_Alignment&Benchmarks.dgn	USER NAME = .USER_	DESIGNED - EJ	REVISED -
		DRAWN - GR	REVISED -
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\$MODELNAME\$	PLOT DATE = 7/15/2016	DATE - JULY 2016	REVISED -

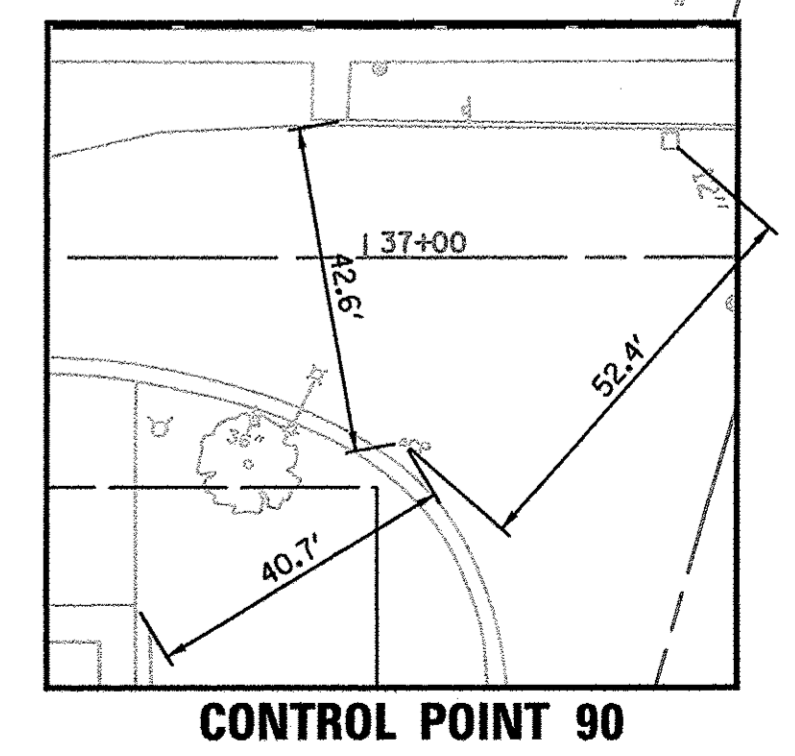
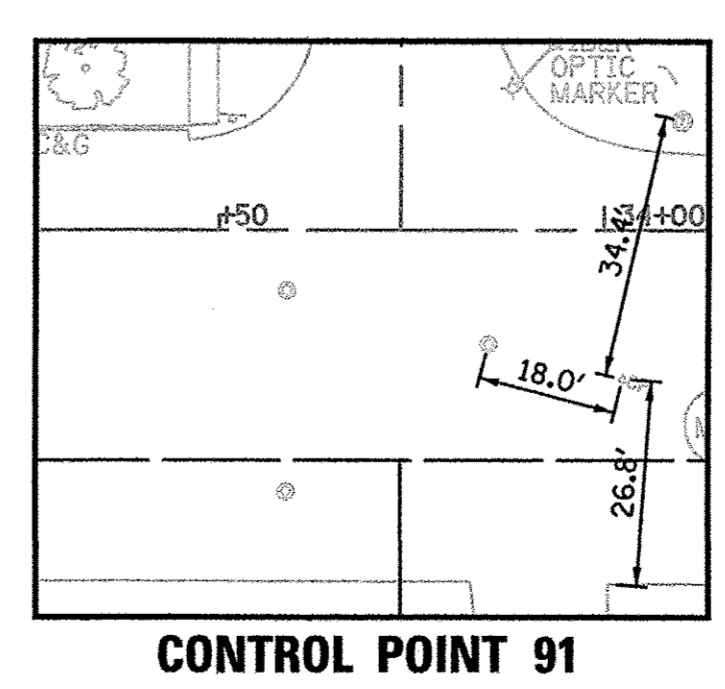
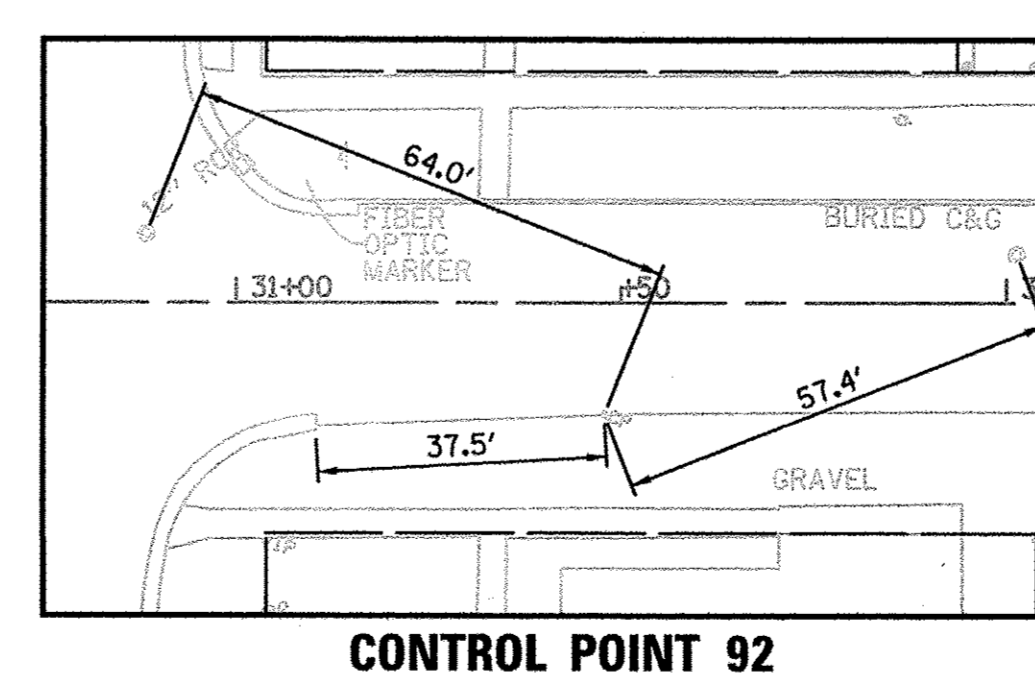
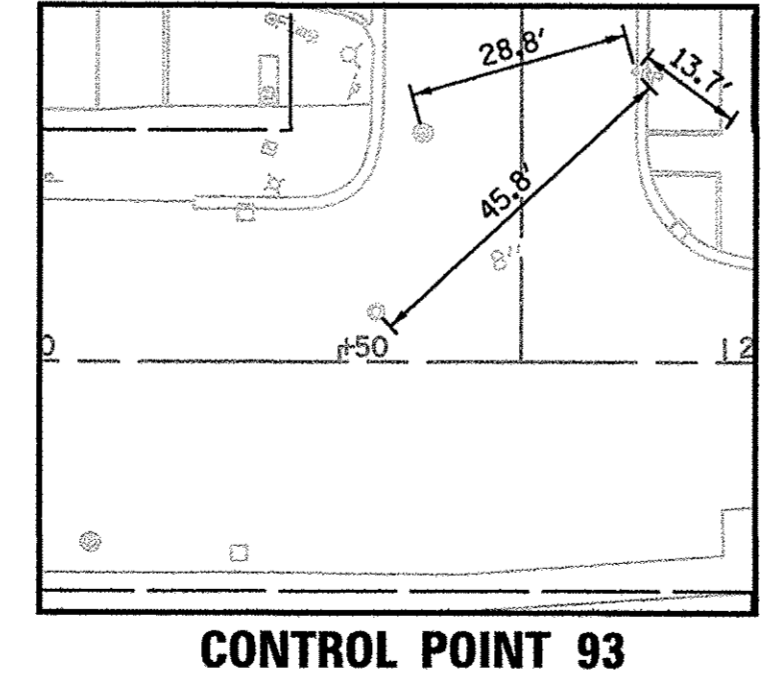
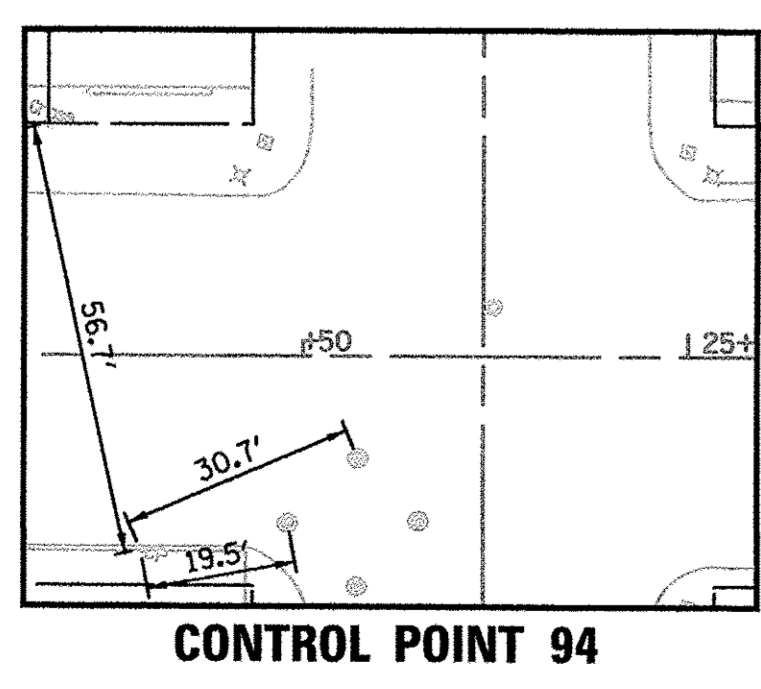
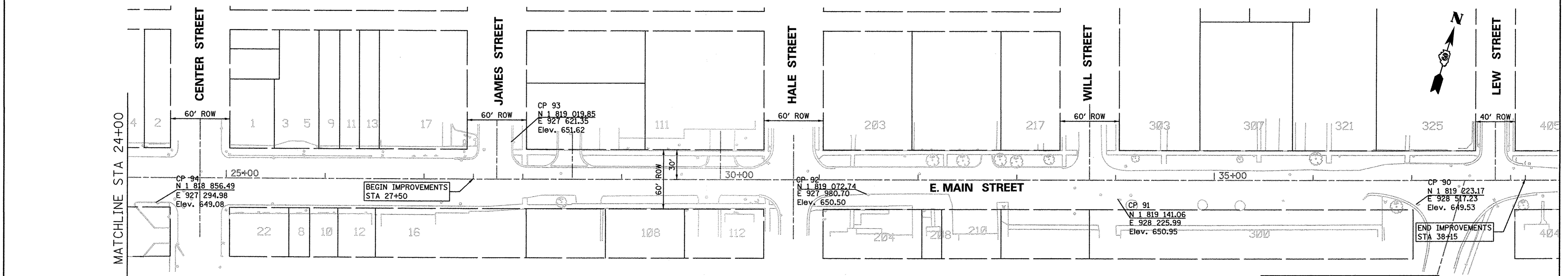
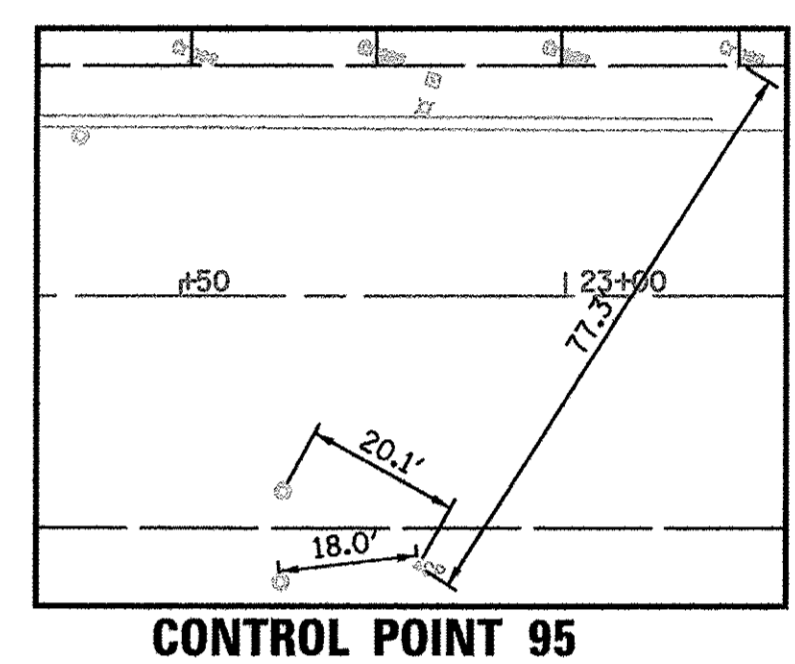
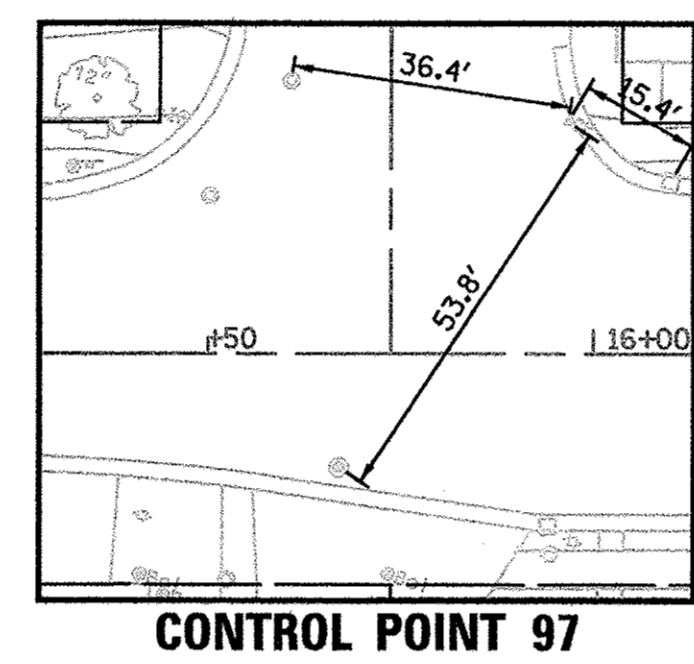
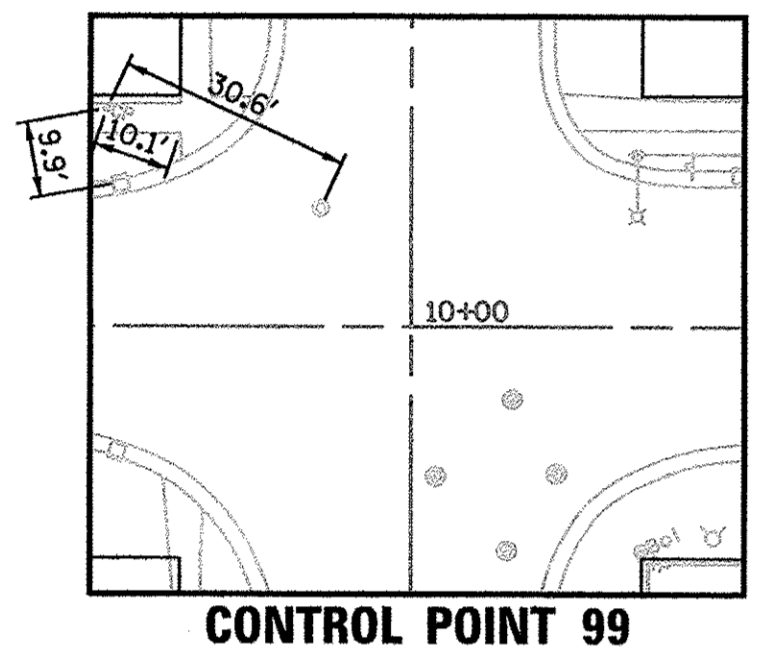
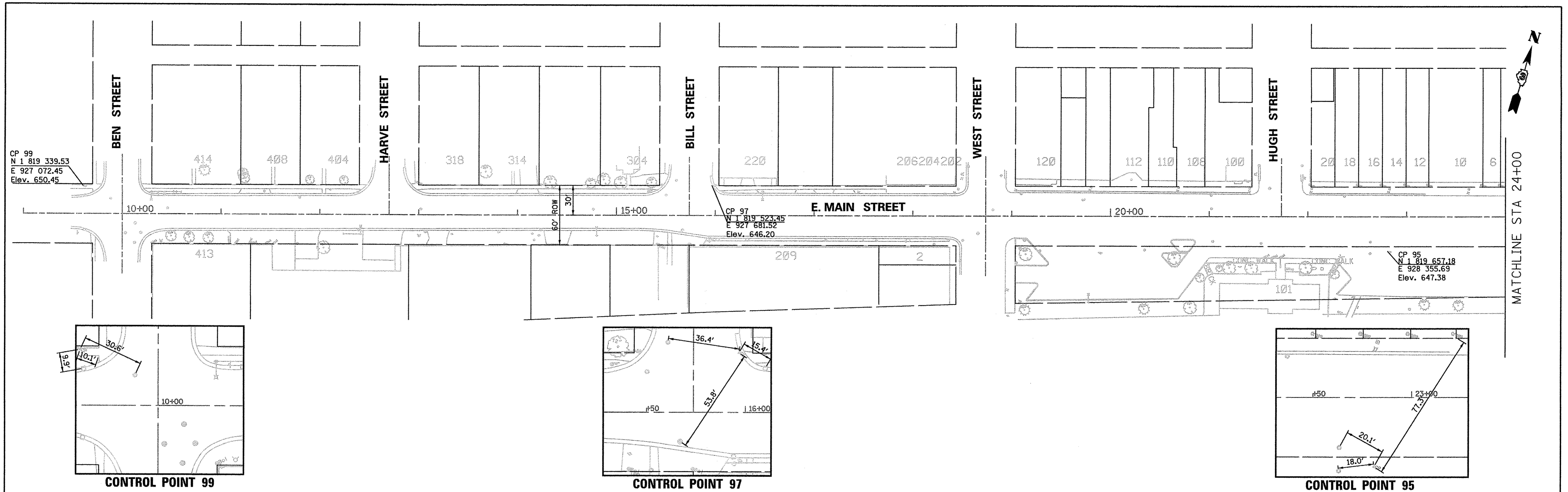
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ALIGNMENT AND BENCHMARKS**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

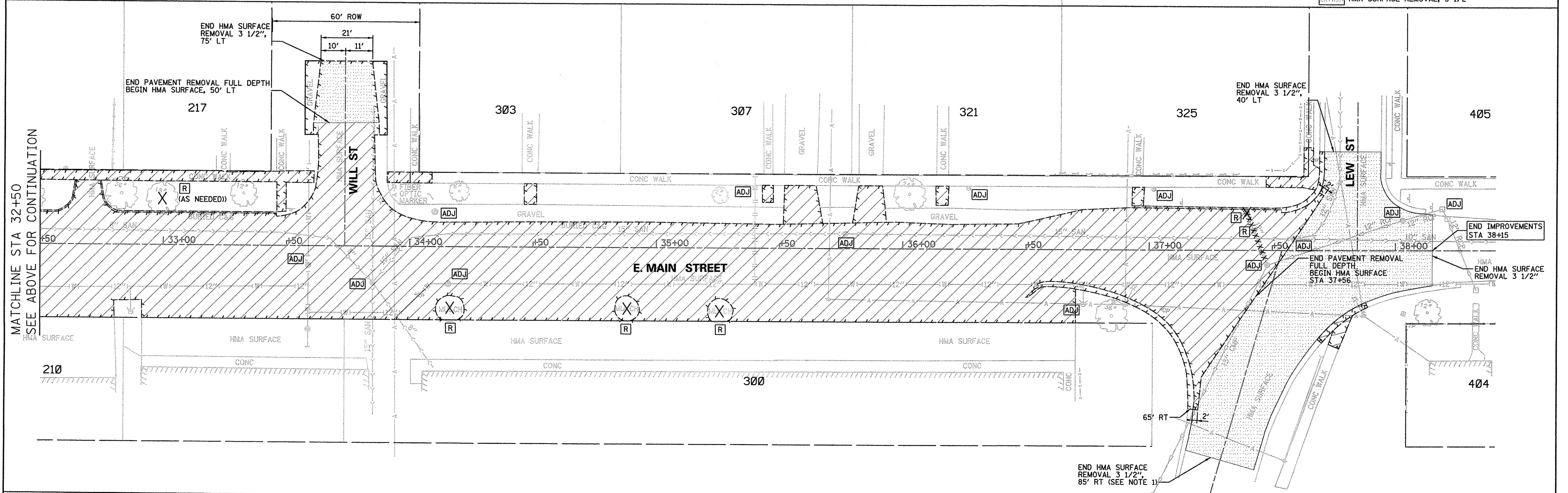
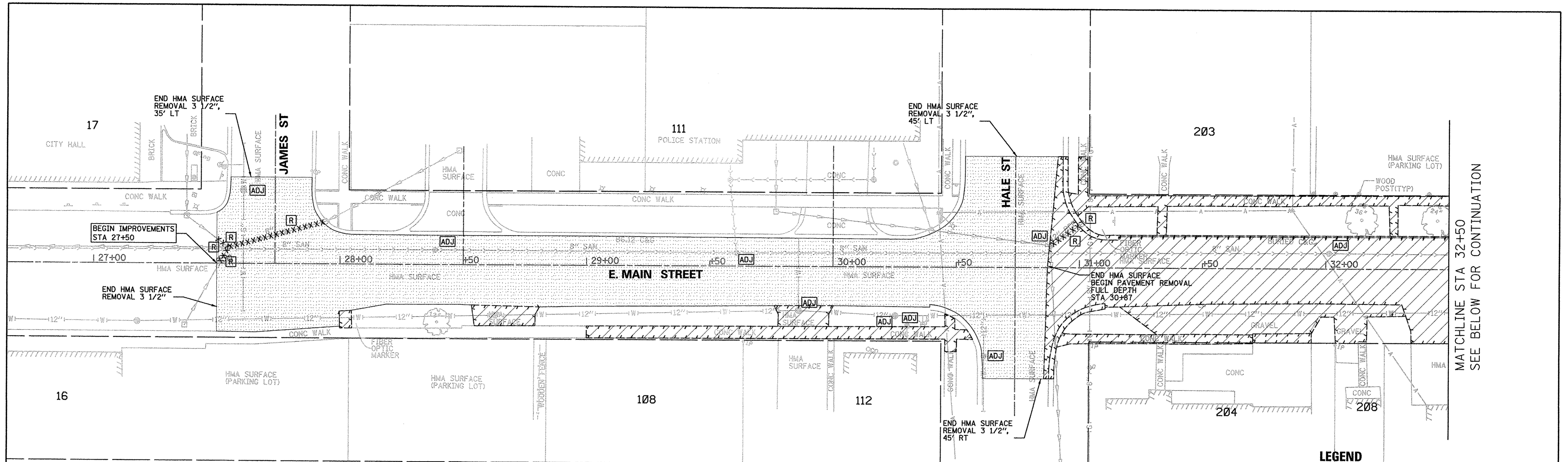
F.A.U. RTE. 6469	SECTION 15-00046-00-PV	COUNTY KENDALL	TOTAL SHEETS 24	SHEET NO. 6
CONTRACT NO. 87661				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				





FILE NAME = PLA01Phase1.Ties.dgn	USER NAME = USER	DESIGNED - EJ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CONTROL POINT &amp; TIES</b>			F.A.U. RTE. 6469	SECTION 15-00046-00-PV	COUNTY KENDALL	TOTAL SHEETS 24	SHEET NO. 7
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	PLOT DATE = 7/15/2016	CHECKED - JB/ LV	REVISED -		FED. ROAD DIST. NO. 3   ILLINOIS   FED. AID PROJECT							
		DATE - JULY 2016	REVISED -									





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 USER NAME = \_USER\_  
 PLOT SCALE = 20.0000 Ft / in.  
 PLOT DATE = 7/15/2016

DESIGNED - EJ	REVISED -
DRAWN - LV	REVISED -
CHECKED - JB/ LV	REVISED -
DATE - JULY 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLAN**

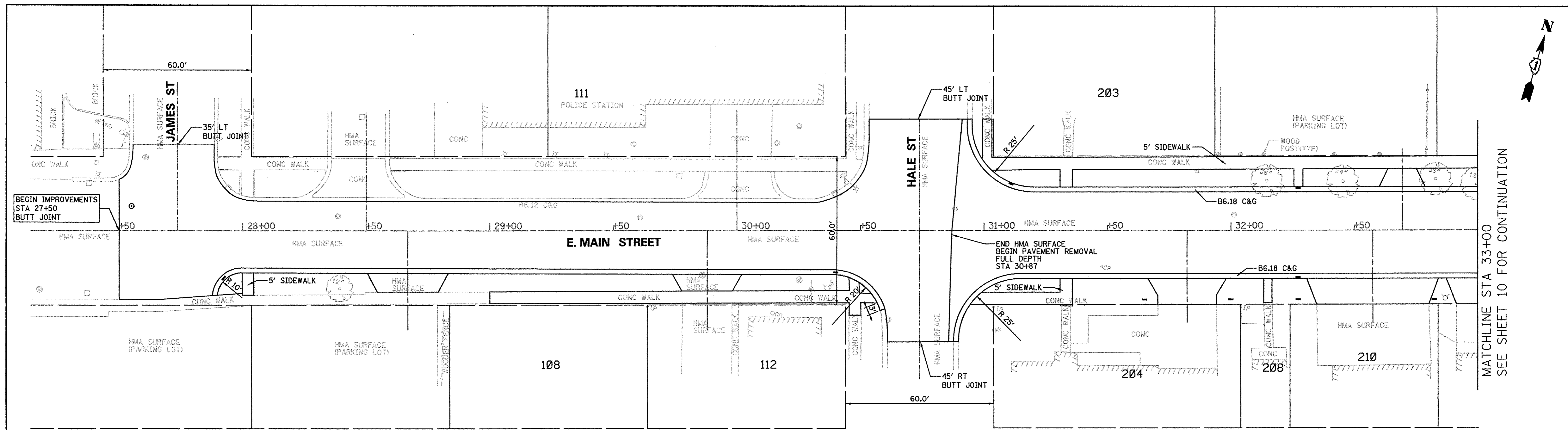
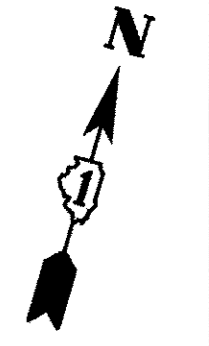
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6469	15-00046-00-PV	KENDALL	24	8
CONTRACT NO. 87661				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

MATCHLINE STA 32+50  
SEE ABOVE FOR CONTINUATION

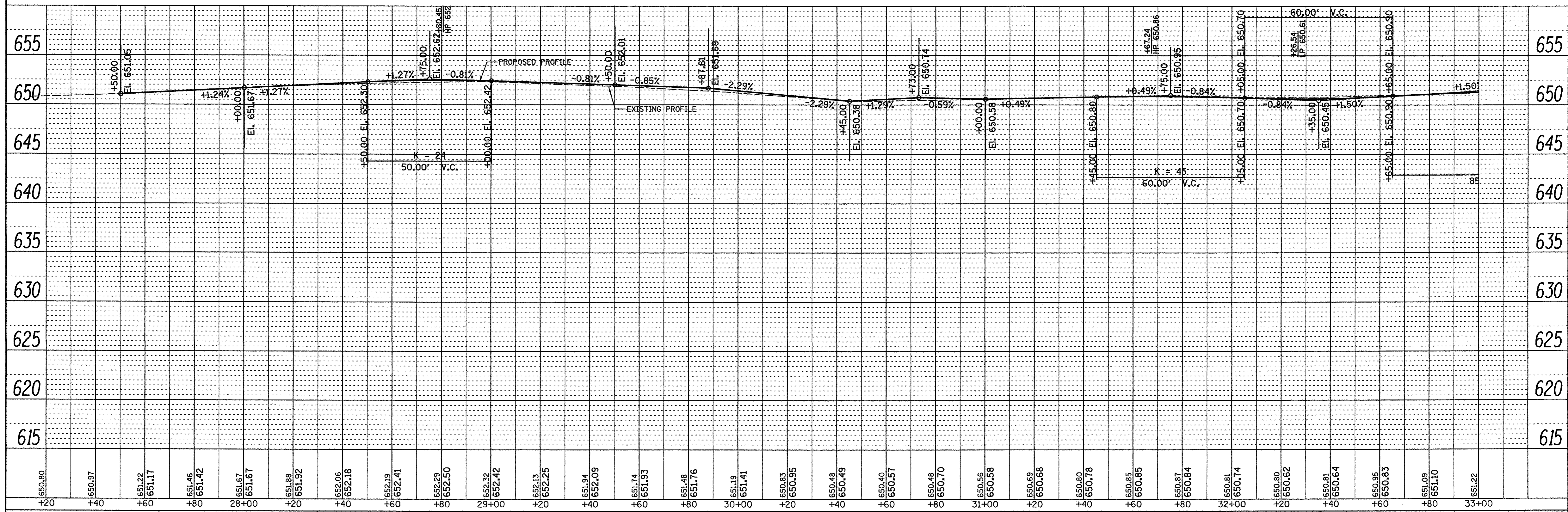
MATCHLINE STA 32+50  
SEE BELOW FOR CONTINUATION





MATCHLINE STA 33+00  
SEE SHEET 10 FOR CONTINUATION

PLAN	SURVEYED	DATE
NOTE BOOK NO.	ALIGNED	
	CHECKED	
	BY	
	FILE NAME	



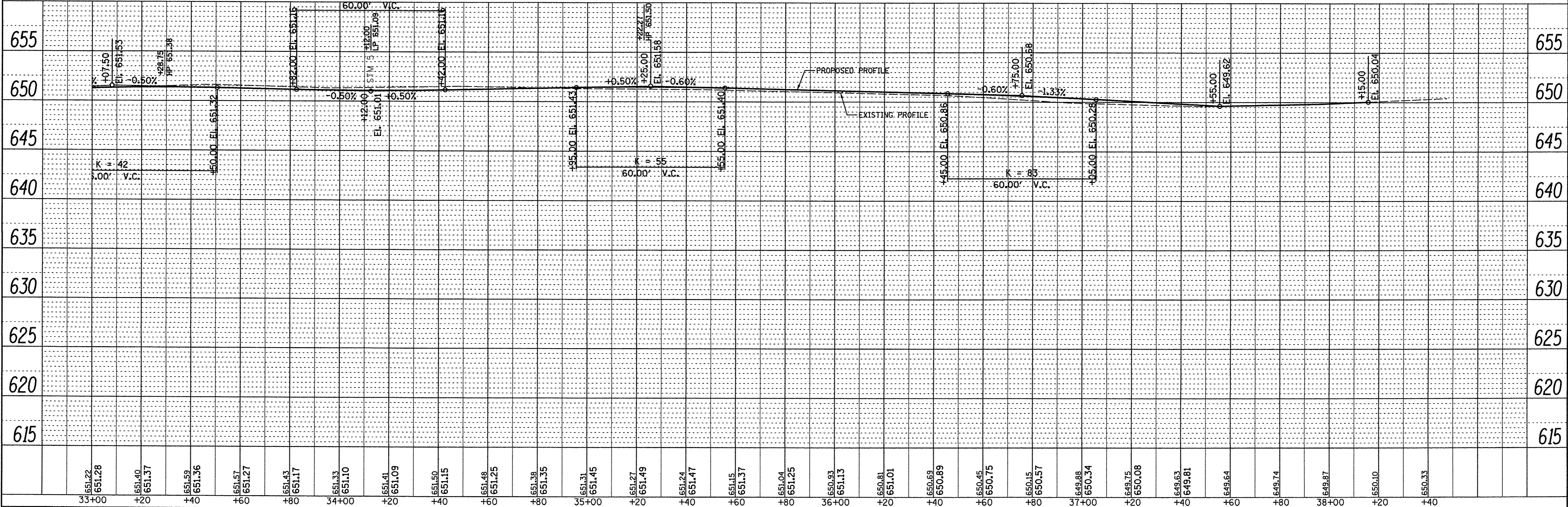
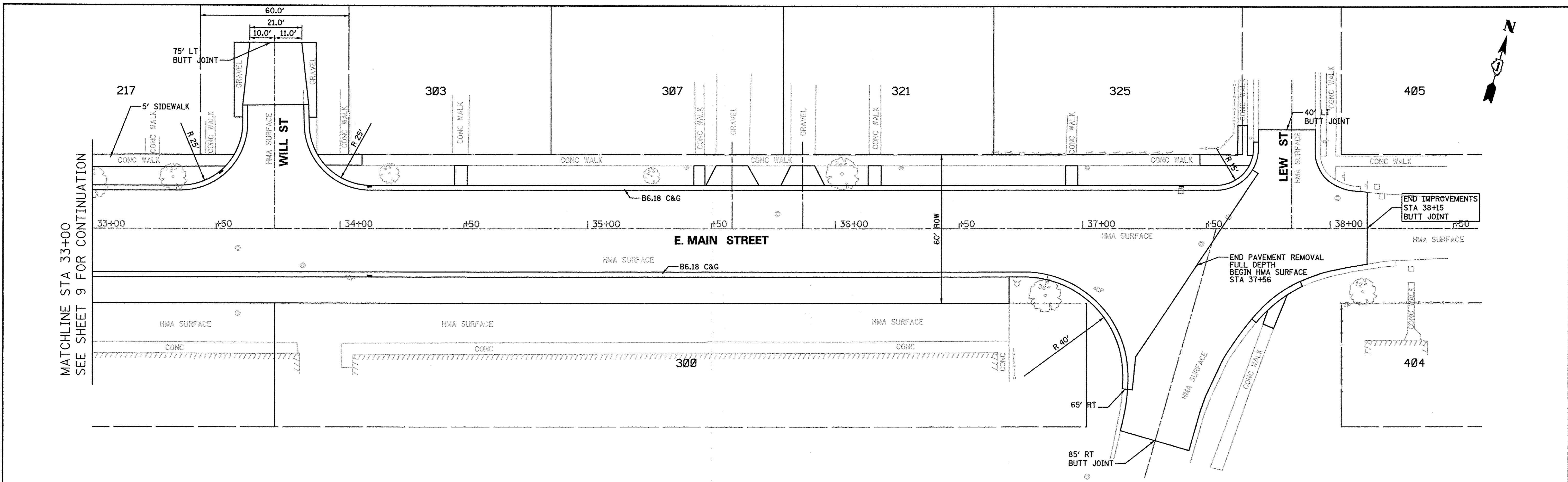
PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	BY	
	NOTATION	

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*MODELNAME*	PLOT SCALE = 20.0000 Ft / in.	DRAWN - LV	REVISED -		SCALE: H=20'V=5'	SHEET	OF	SHEETS	STA. 27+50	TO STA. 33+00	CONTRACT NO. 87661	
	PLOT DATE = 7/15/2016	CHECKED - JB/ LV	REVISED -		FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT							
		DATE - JULY 2016	REVISED -									



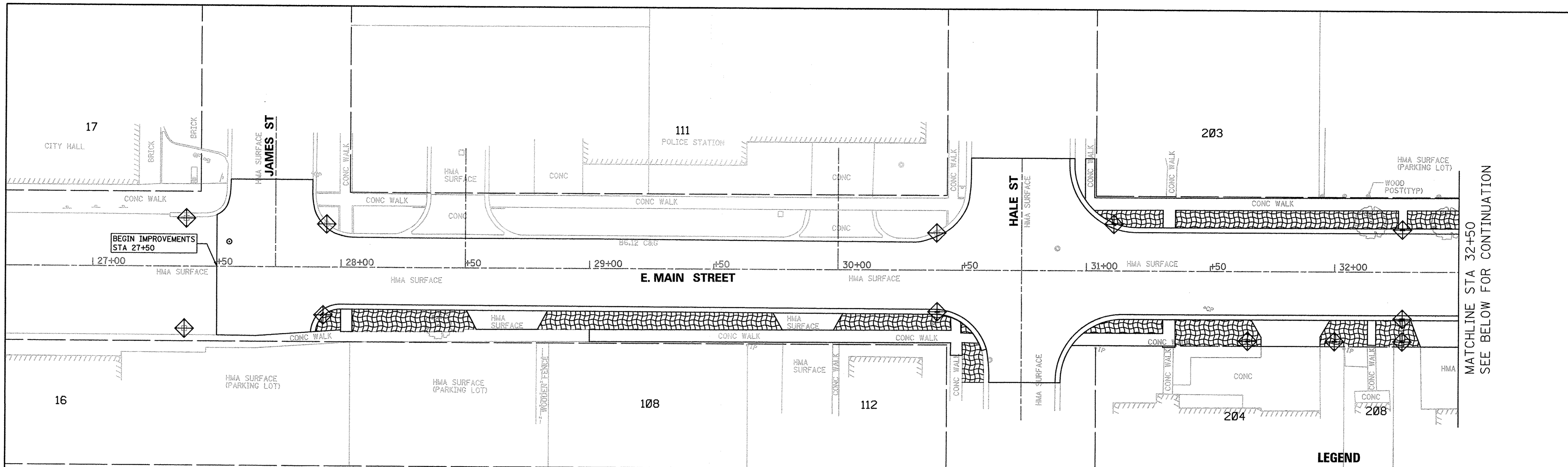
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	ALIGNED	BY
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PROFILE	SURVEYED	DATE
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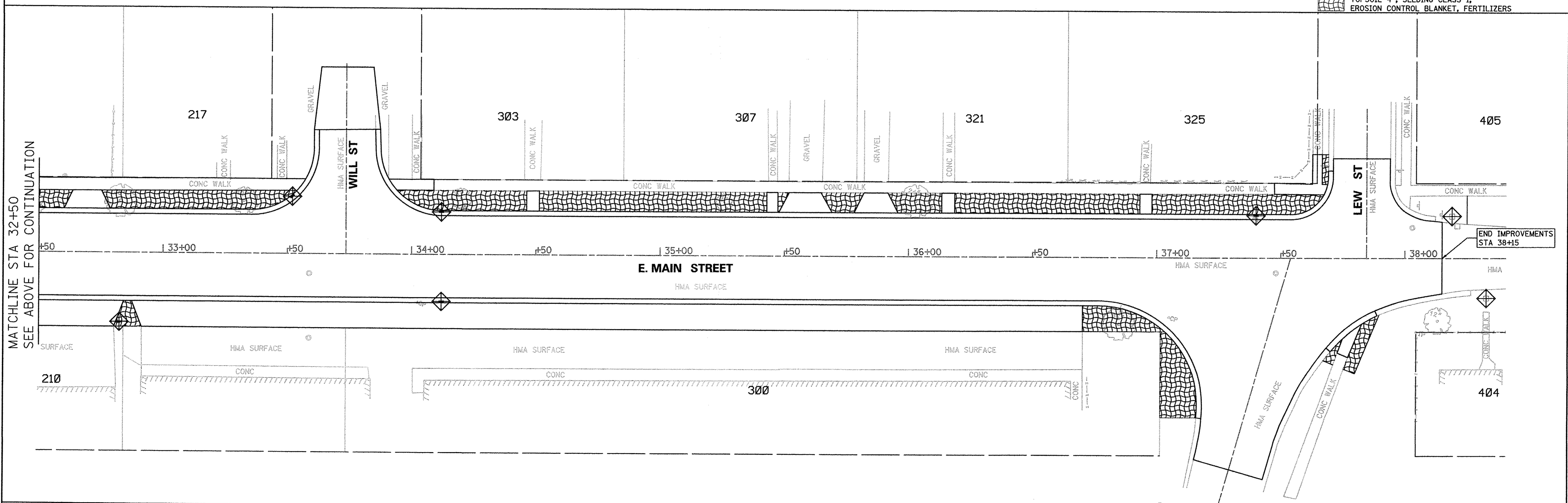


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PLA01Phase1_MainPP02.dgn	_USER_	- EJ	-					6469	15-00046-00-PV	KENDALL	24	10
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		- LV	-									
		CHECKED -	REVISED -	SCALE: H:20'V:5'		SHEET OF SHEETS		STA. 33+00 TO STA. 38+15		FED. ROAD DIST. NO. 3   ILLINOIS   FED. AID PROJECT		
		DATE -	REVISED -									
		JULY 2016	-									





- LEGEND**
- INLET AND PIPE PROTECTION
  - TOPSOIL 4", SEEDING CLASS 1, EROSION CONTROL BLANKET, FERTILIZERS



FILE NAME =  
PLA01Phase1.ErosionPlan.dgn

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PLOT SCALE = 28.8000 Ft / in.  
PLOT DATE = 7/15/2016

DESIGNED - EJ  
DRAWN - GR  
CHECKED - JB/ LV  
DATE - JULY 2016

REVISED -  
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REVISED -  
REVISED -

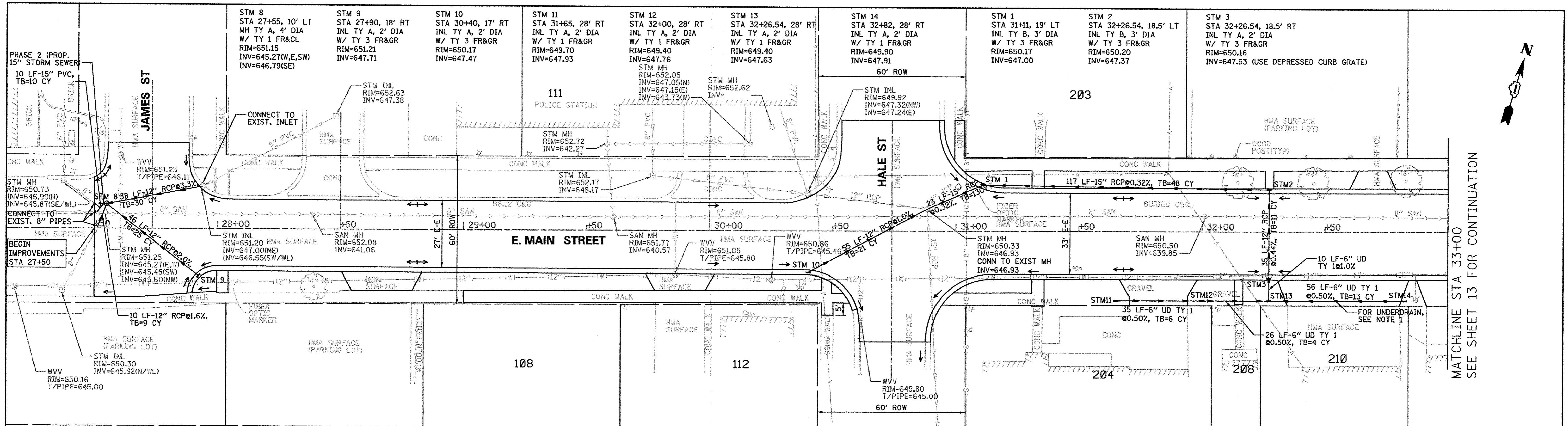
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN**

SCALE: 1"=20'    SHEET    OF    SHEETS    STA. 27+50    TO STA. 38+15

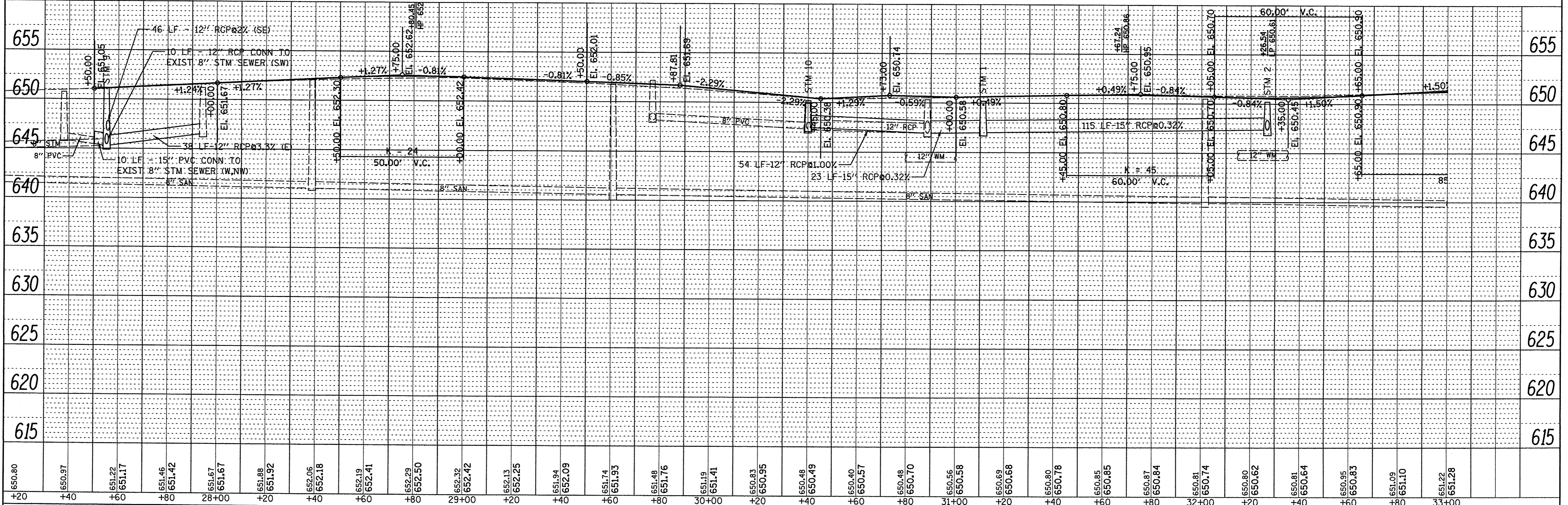
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6469	15-00046-00-PV	KENDALL	24	11
CONTRACT NO. 87661				
FED. ROAD DIST. NO. 3 (ILLINOIS) FED. AID PROJECT				





MATCHLINE STA 33+00  
SEE SHEET 13 FOR CONTINUATION

NOTE 1: THE UNDERDRAIN SHALL BE 6" DIAMETER, PERFORATED, CORRUGATED, POLYETHYLENE PIPE WITH A SMOOTH INTERIOR (ARTICLE 1040.04), ENCASED IN A FABRIC SOCK, PER ARTICLE 601.01, WITH FINE AGGREGATE BEDDING AND BACKFILL, PER ARTICLE 1003.04.



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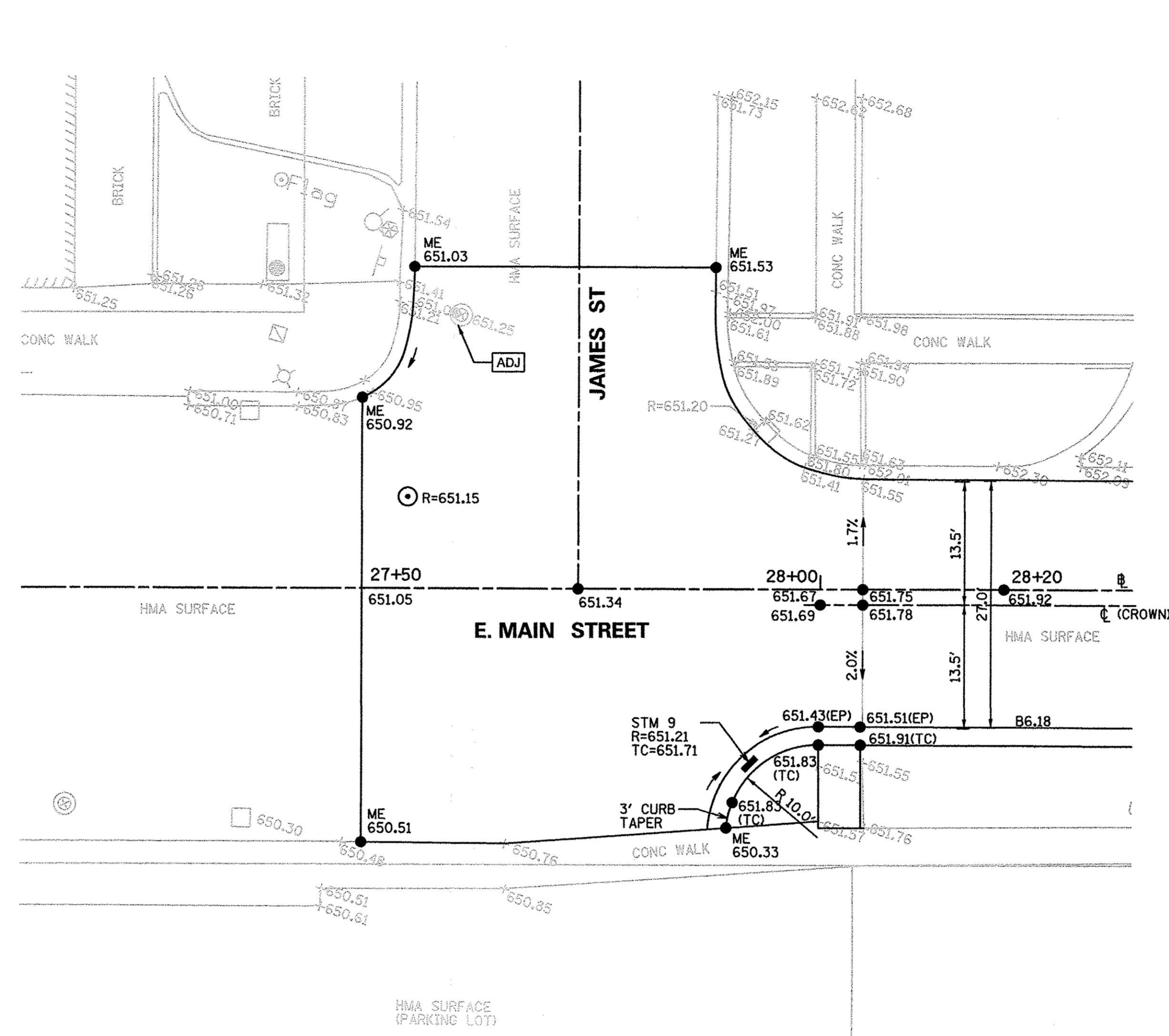
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FILE NAME = PLA01Phase1_MainDrainagePP01.dgn	USER NAME = .USER.	DESIGNED - EJ	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MAIN STREET DRAINAGE AND UTILITY PLAN</b>			F.A.U. RTE. 6469	SECTION 15-00046-00-PV	COUNTY KENDALL	TOTAL SHEETS 24	SHEET NO. 12
#MODELNAME#	PLOT SCALE = 20.0000 Ft / in.	CHECKED - JB/ LV	REVISED -		SCALE: H:20'V:5'	SHEET	OF	SHEETS	STA. 27+50	TO STA. 33+00	FED. ROAD DIST. NO. 3	ILLINOIS FED. AID PROJECT
	PLOT DATE = 7/15/2016	DATE - JULY 2016	REVISED -		CONTRACT NO. 87661							









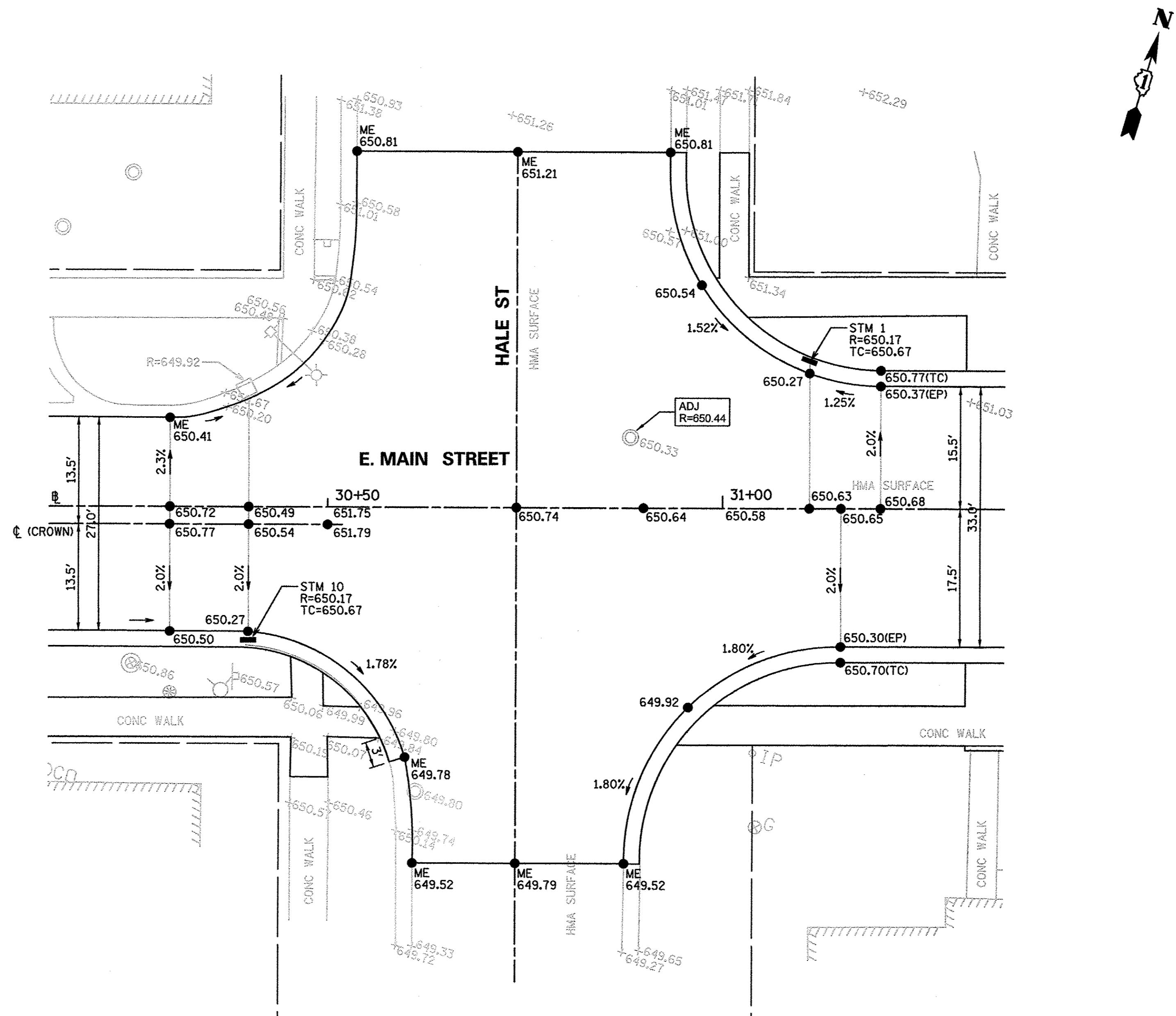
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#MODELNAME#	PLOT DATE = 7/15/2016	DATE - JULY 2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>INTERSECTION PLAN E. MAIN STREET AND JAMES STREET</b>			
SCALE: 1"=10'	SHEET	OF	SHEETS
	STA. 27+50		TO STA. 28+20

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6469	15-00046-00-PV	KENDALL	24	14
FED. ROAD DIST. NO. 3 [ILLINOIS] FED. AID PROJECT				
CONTRACT NO. 87661				





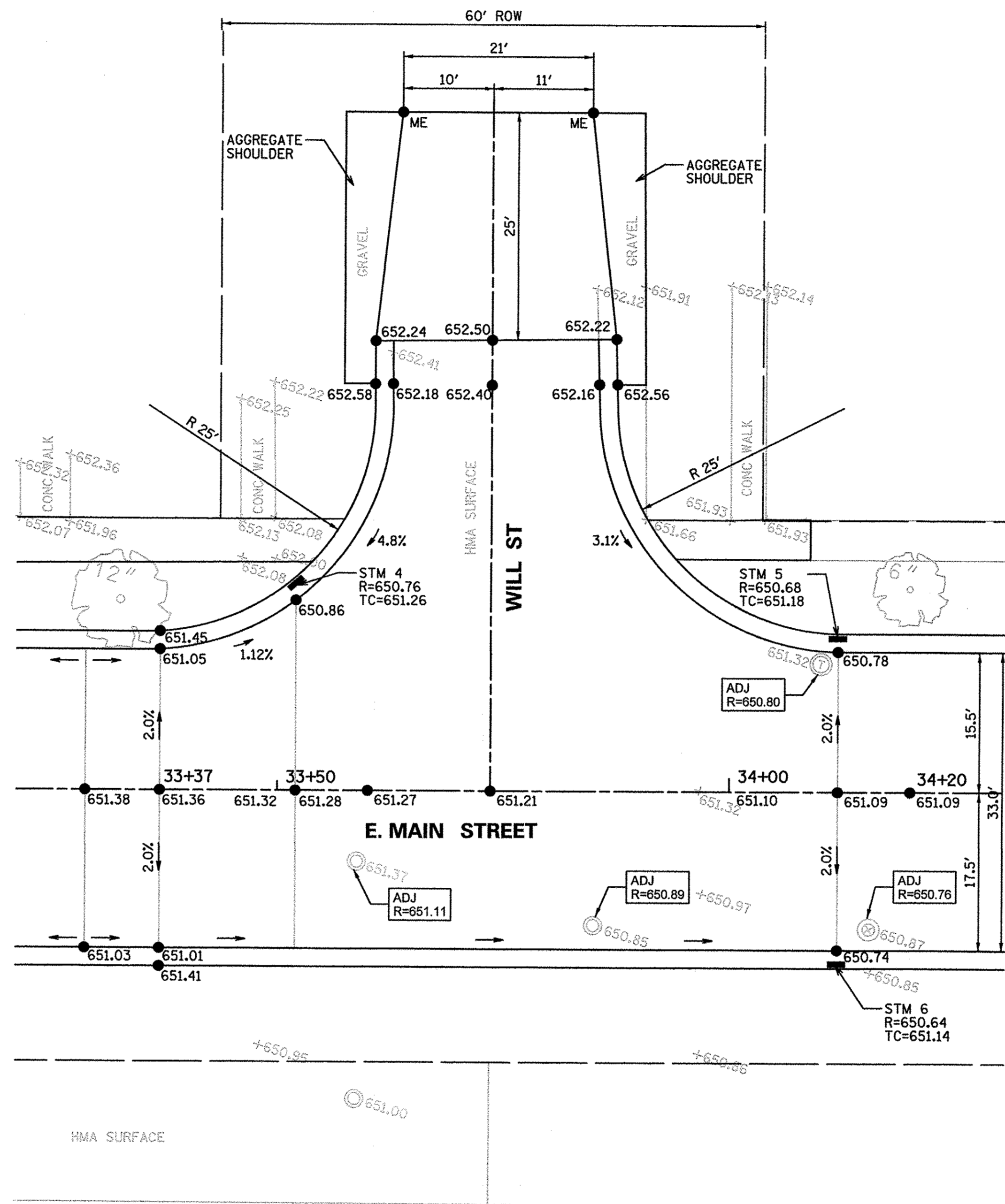
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#MODELNAME\$	PLOT DATE = 7/15/2016	DATE - JULY 2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

INTERSECTION PLAN			
E. MAIN STREET AND HALE STREET			
SCALE: 1"=10'	SHEET	OF SHEETS	STA. 30+00 TO STA. 31+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6469	15-00046-00-PV	KENDALL	24	15
CONTRACT NO. 87661				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				





FILE NAME = PLA01Phase1.IntersectionPlan02.dgn	USER NAME = .USER.	DESIGNED - EJ	REVISED -
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\$MODELNAME\$	PLOT DATE = 7/15/2016	CHECKED - JB/ LV	REVISED -
		DATE - JULY 2016	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

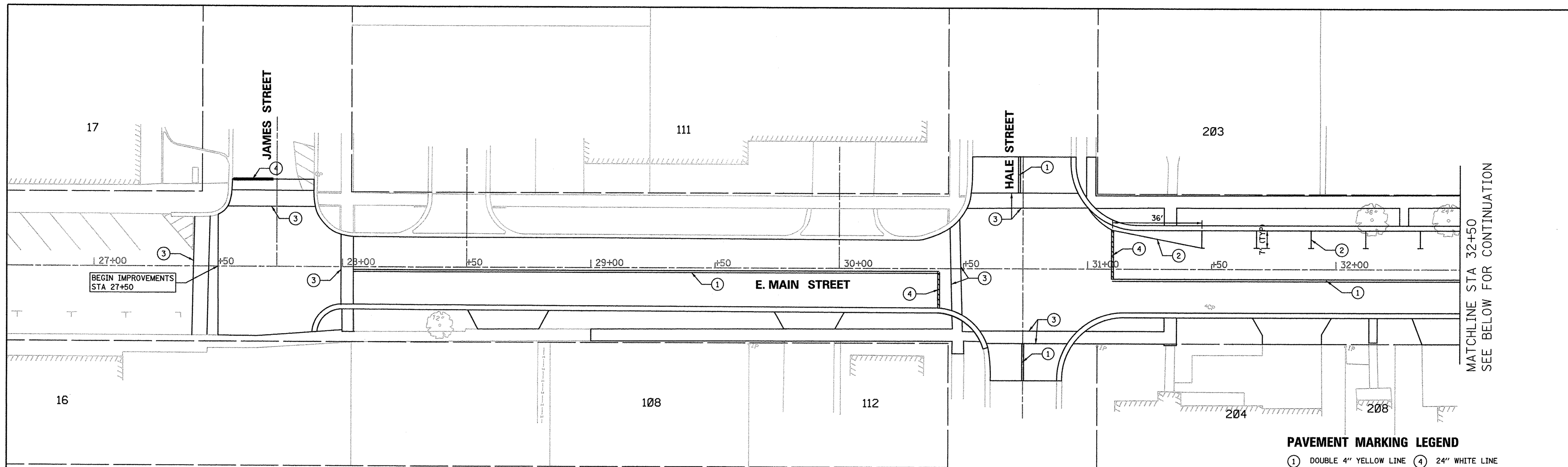
INTERSECTION PLAN			
E. MAIN STREET AND WILL STREET			
SCALE: 1"=10'	SHEET	OF	SHEETS
			STA. 33+00 TO STA. 34+20

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6469	15-00046-00-PV	KENDALL	24	16
				CONTRACT NO. 87661
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				



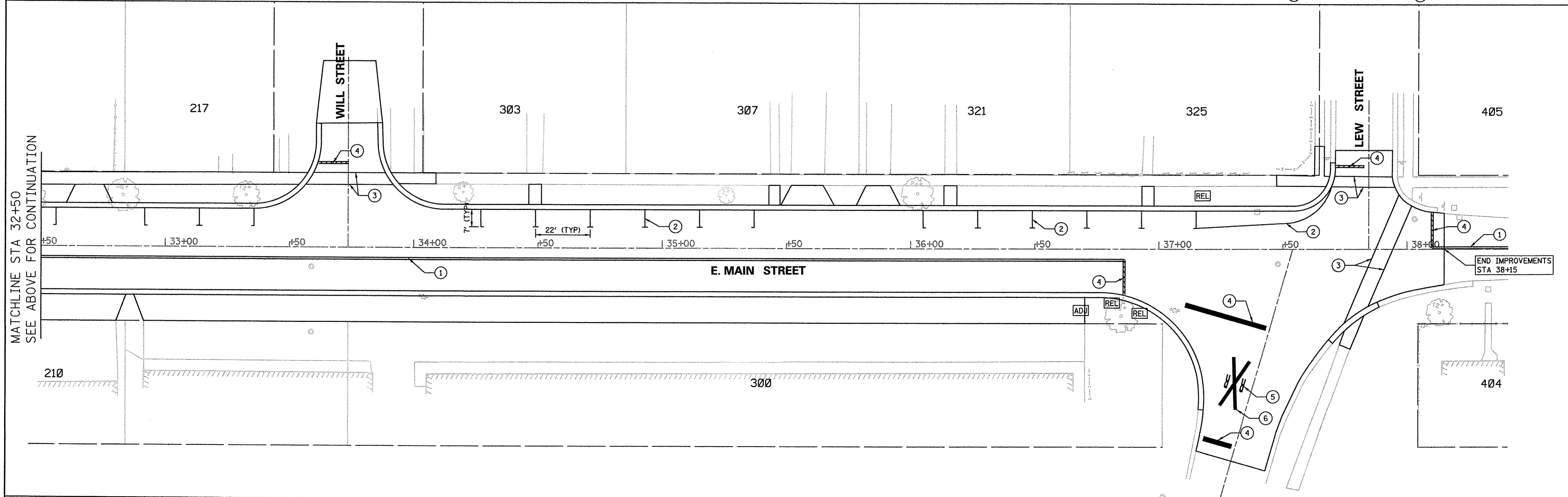






**PAVEMENT MARKING LEGEND**

① DOUBLE 4" YELLOW LINE	④ 24" WHITE LINE
② 4" WHITE LINE	⑤ WHITE LETTERS & SYMBOLS
③ 6" WHITE LINE	⑥ 16" WHITE LINE

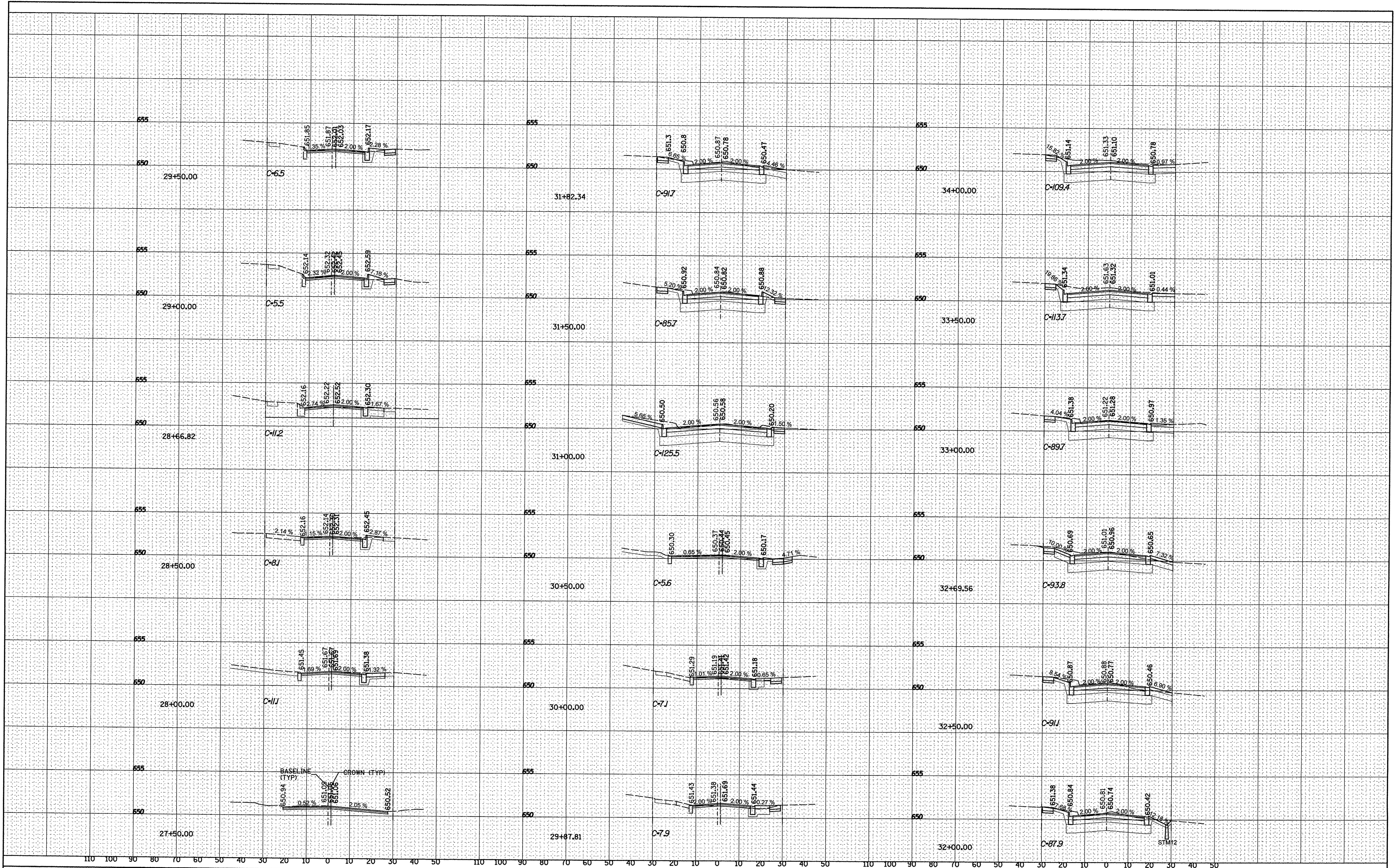


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	PLOT SCALE = 20.0000 ft / in.	DRAWN - LV	REVISED -		SCALE: 1"=20'	SHEET	OF	SHEETS	STA. 27+50	TO STA. 38+15	CONTRACT NO. 87661	
	PLOT DATE = 7/15/2016	CHECKED - JB/ LV	REVISED -		FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT							
		DATE - JULY 2016	REVISED -									



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME = PLA01Phase1\_MainStSections.dgn  
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USER NAME = \_USER\_  
 PLLOT SCALE = 28.0000 Ft / in.  
 PLOT DATE = 7/15/2016

DESIGNED - EJ  
 DRAWN - LV  
 CHECKED - JB/ LV  
 DATE - JULY 2016

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**E. MAIN STREET  
 CROSS SECTIONS**

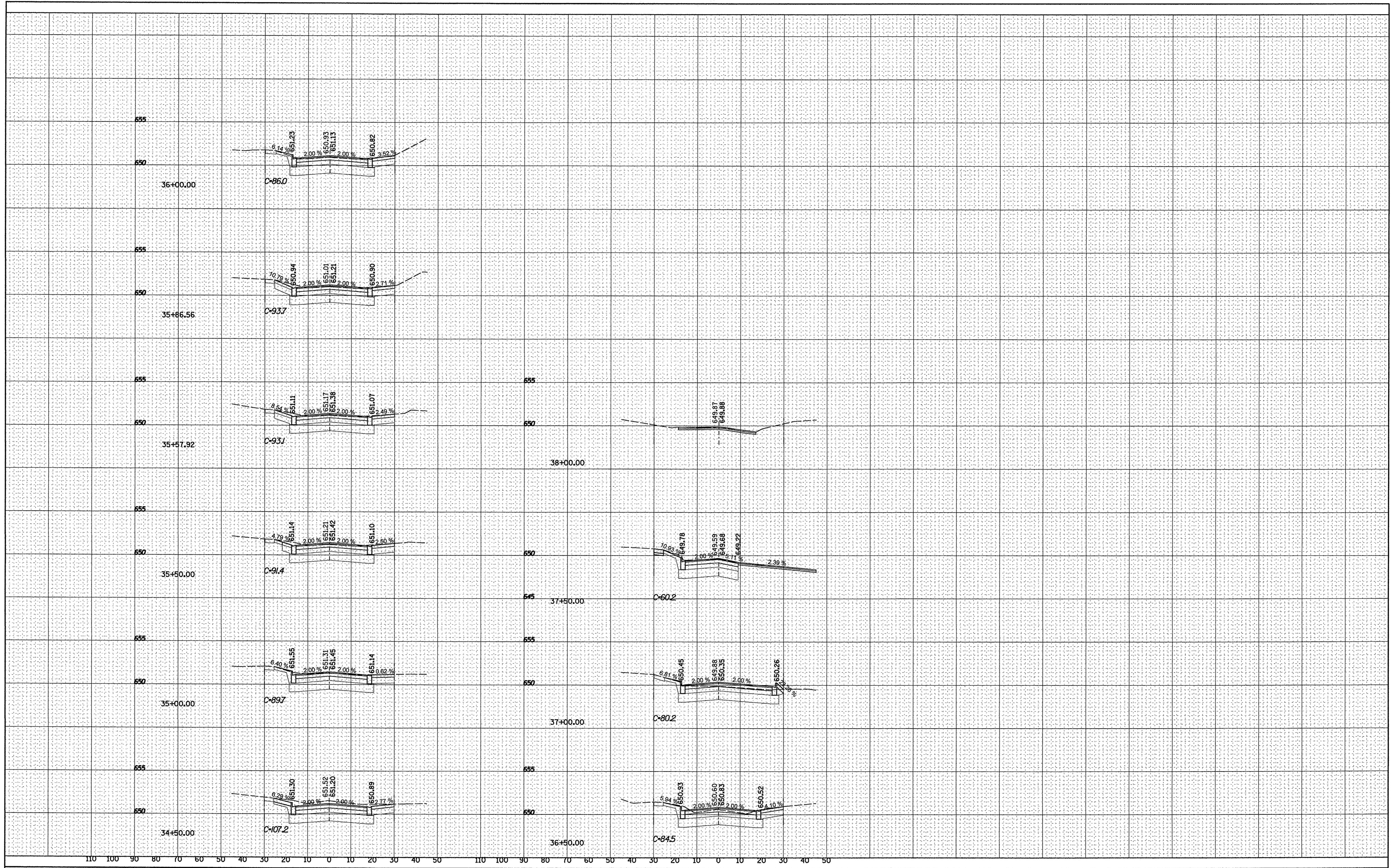
SCALE: H20 V15 SHEET OF SHEETS STA. 27+50 TO STA. 34+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6469	15-00046-00-PV	KENDALL	24	19
CONTRACT NO. 87661				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				



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

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



FILE NAME =  
PLA01Phase1\_MainStSections.dgn

USER NAME = \_USER\_  
PLOT SCALE = 28,000 ft / in.  
PLOT DATE = 7/15/2016

DESIGNED - EJ  
DRAWN - LV  
CHECKED - JB/ LV  
DATE - JULY 2016

REVISED -  
REVISED -  
REVISED -  
REVISED -

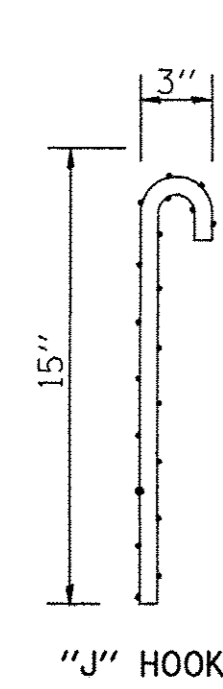
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: H=20 V=5 SHEET OF SHEETS STA. 34+50 TO STA. 38+00

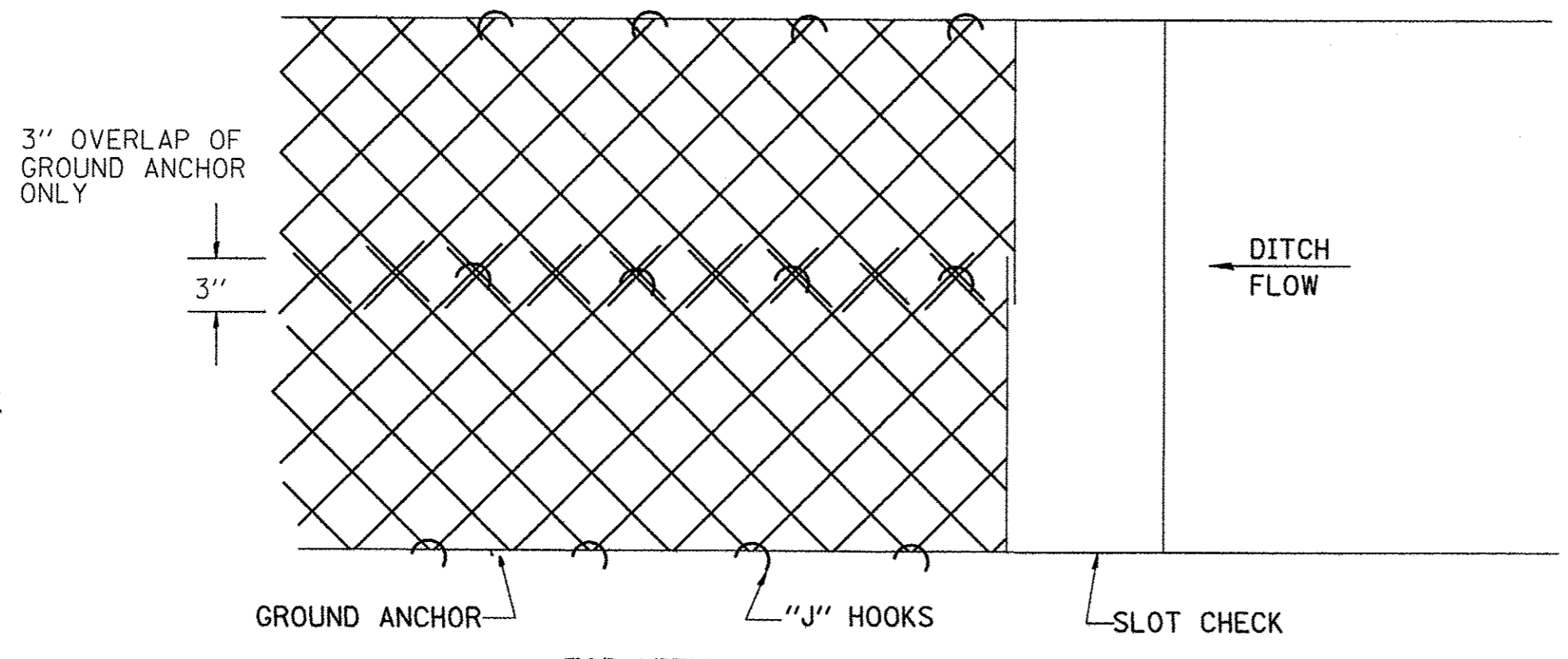
**E. MAIN STREET  
CROSS SECTIONS**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6469	15-00046-00-PV	KENDALL	24	20
CONTRACT NO. 87661				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

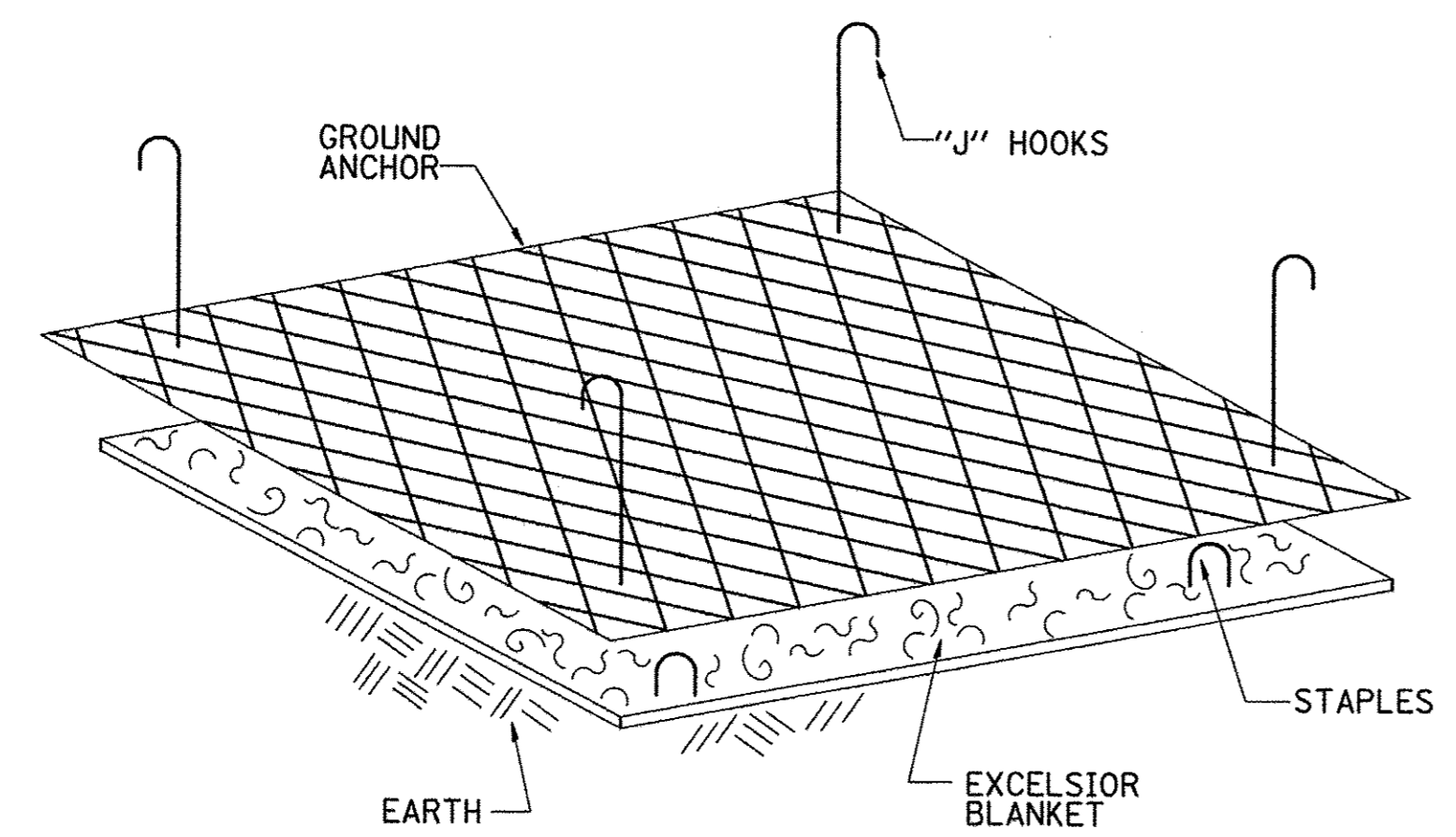
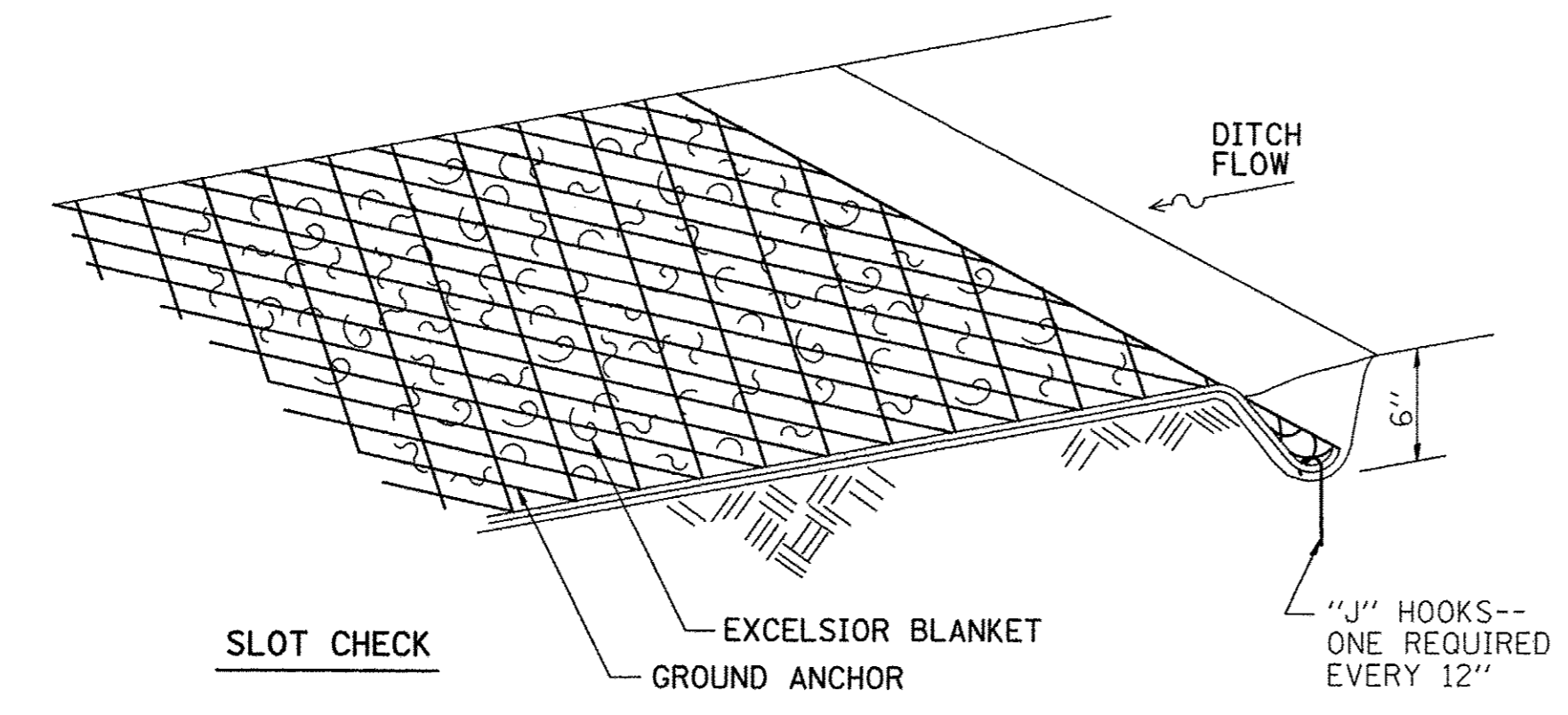




"J" HOOKS--ONE REQUIRED EVERY 4' OF GROUND ANCHOR & AT 4' SPACING OF OVERLAP AND OUTER EDGES.



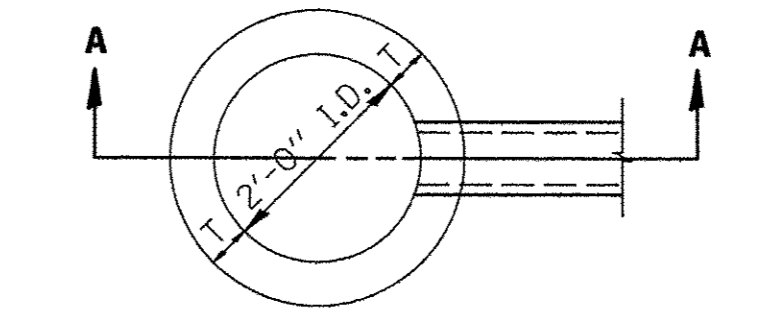
TOP VIEW  
OVERLAPPING OF GROUND ANCHOR



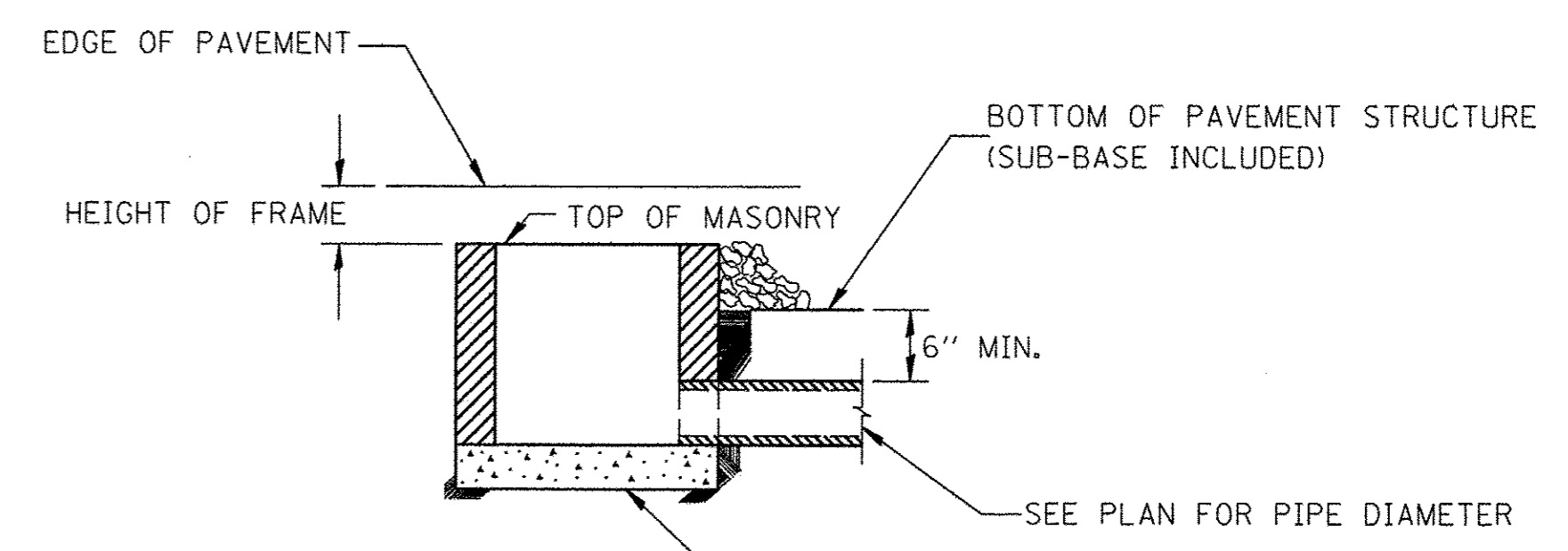
- NOTES:
1. EXCELSIOR BLANKET IS STAPLED INTO GROUND.
  2. GROUND ANCHOR GOES OVER EXCELSIOR BLANKET AND IS FASTENED WITH "J" HOOKS EVERY 4 FEET.
  3. PAY WIDTH WILL BE MEASURED TO OUT-TO-OUT OF GROUND ANCHOR WITH NO CONSIDERATION FOR OVERLAPS.

**EXCELSIOR BLANKET (SPECIAL) DETAILS**

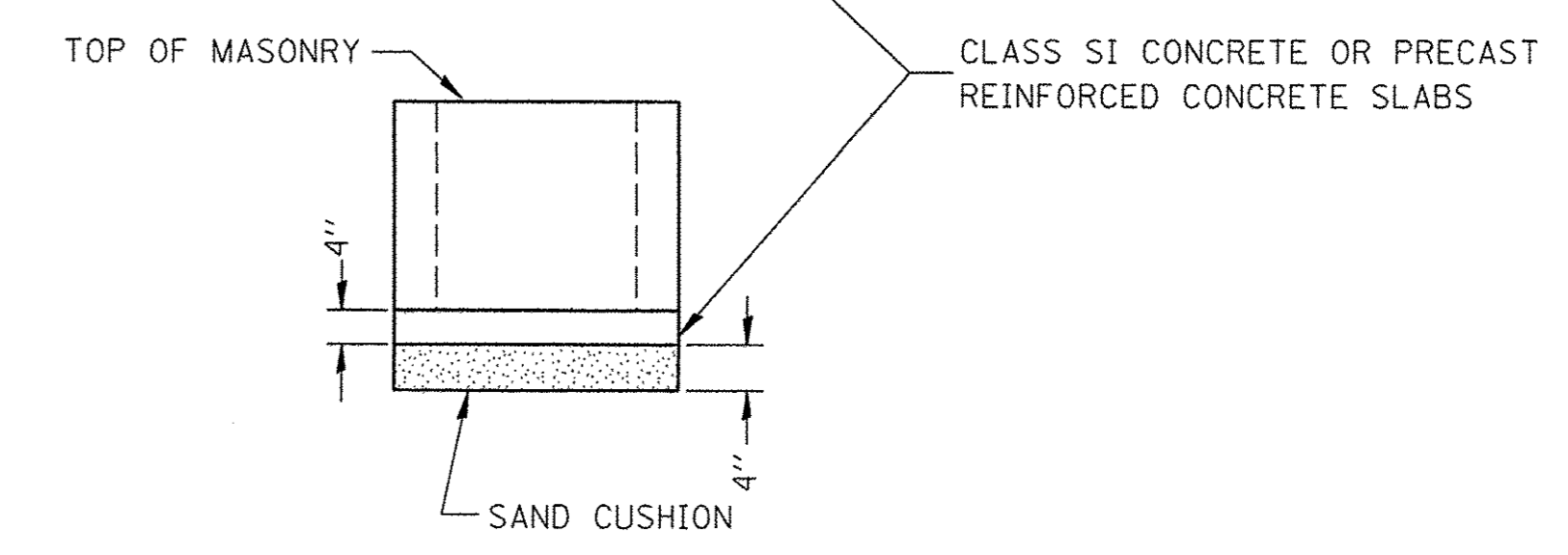
ALTERNATE MATERIALS FOR WALLS	
PRECAST REINFORCED CONCRETE RISERS	3"
CONCRETE MASONRY UNITS	5"
CAST-IN-PLACE CONCRETE	6"
BUILDING BRICK, GRADE SW, FROM CLAY OR SHALE	8"



PLAN



SEC. A-A



- NOTE:
1. THE CONTRACT UNIT PRICE FOR INLETS TYPE A (SPECIAL) SHALL NOT INCLUDE THE FRAME AND LID OR GRATE.
  2. FURNISHING AND INSTALLING SAND CUSHION IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TYPE A (SPECIAL) INLETS.
  3. THE TYPE A (SPECIAL) INLET SHOULD NOT BE USED AS A RECEIVER OF STORM WATER FROM ANOTHER INLET.

**FOR INLET TYPE A (SPECIAL)**

(TO BE USED AT PAVED SECTION WITH CURB & GUTTER)  
NO SCALE

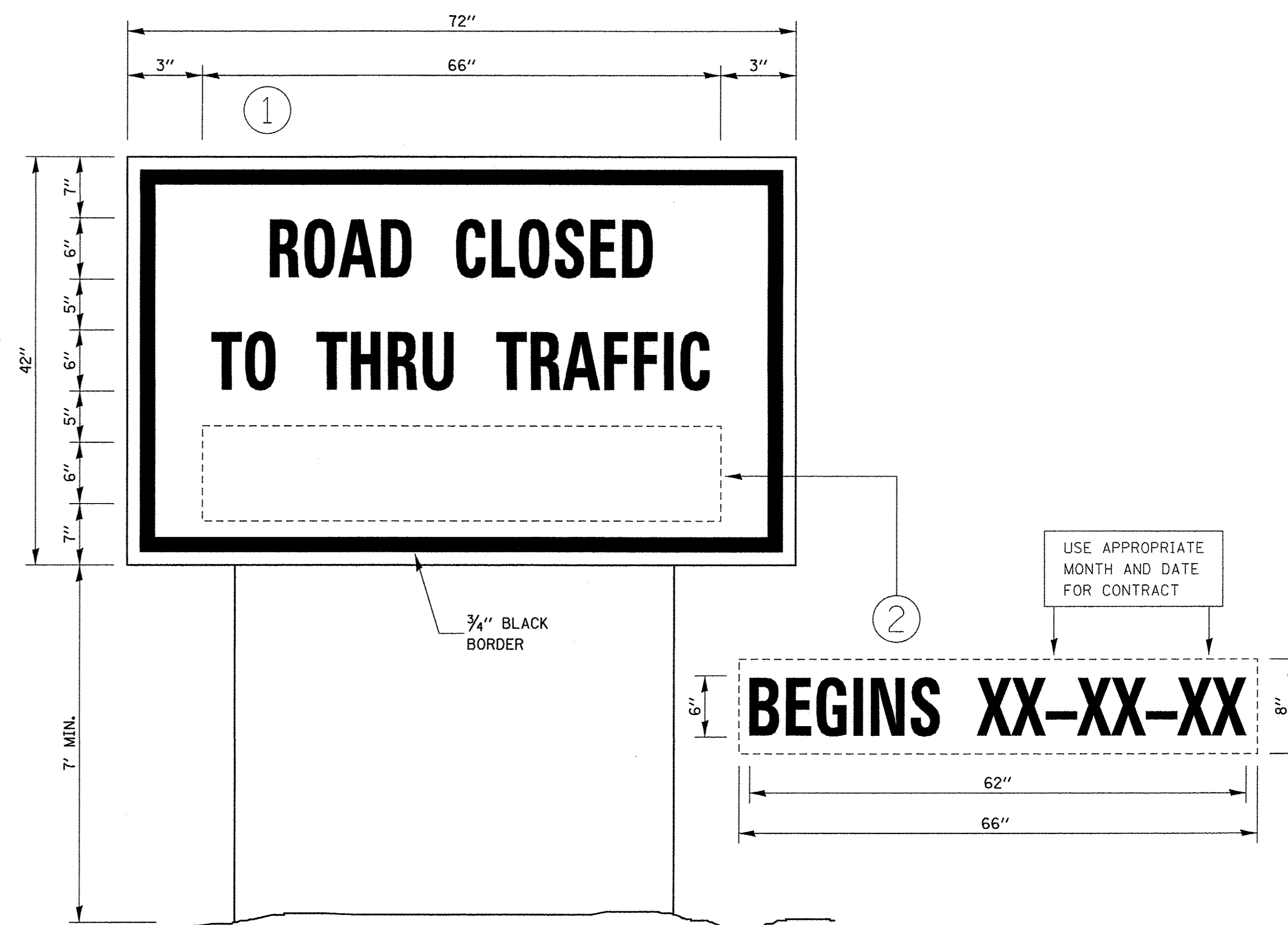
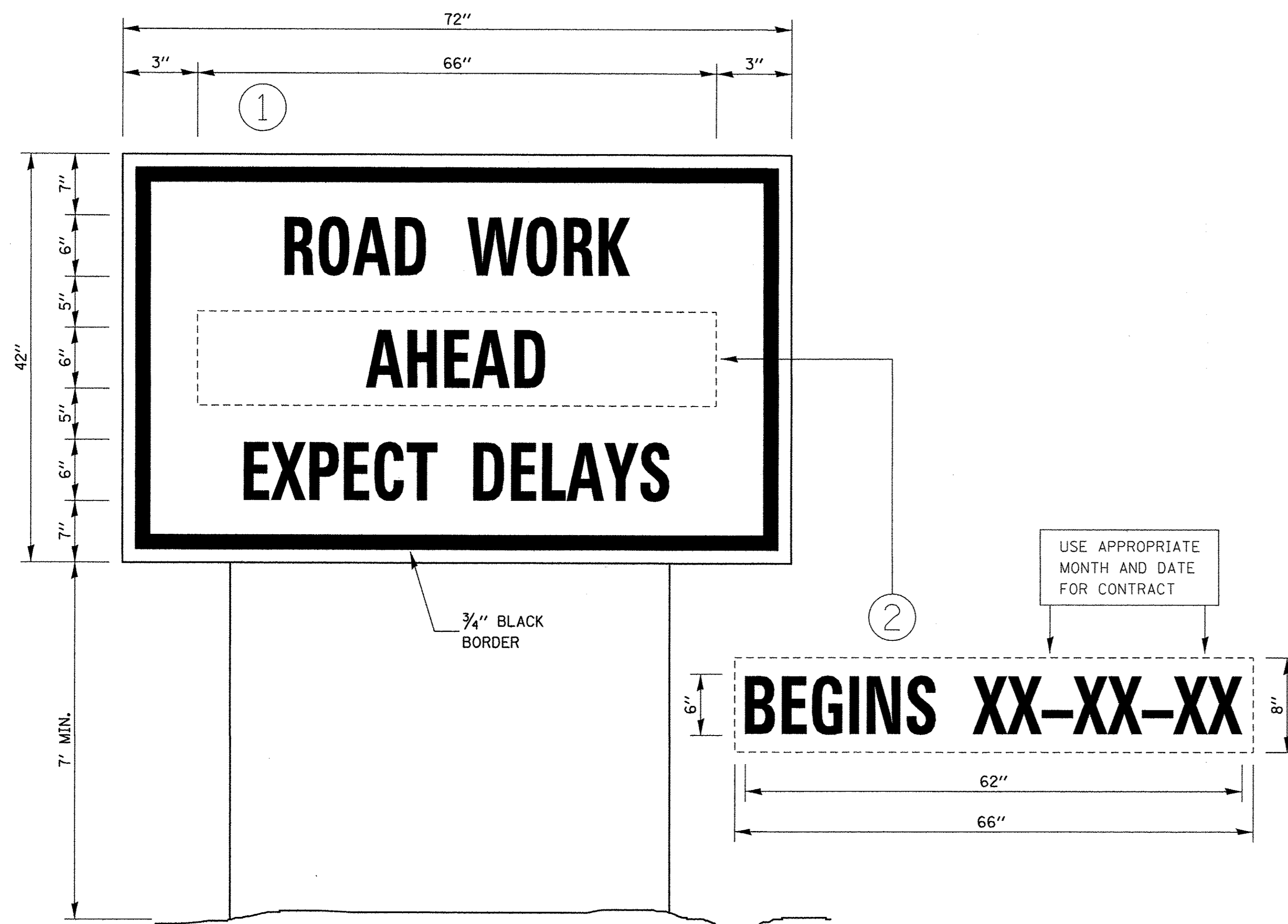
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		DRAWN - GR	REVISED -
	PLOT SCALE = 1.0000 Ft / in.	CHECKED - JB/ LV	REVISED -
	PLOT DATE = 7/15/2016	DATE - JULY 2016	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DISTRICT 3 DETAILS

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6469	15-00046-00-PV	KENDALL	24	21
CONTRACT NO. 87661				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				



**TEMPORARY INFORMATION SIGNING**

**NOTES:**

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
6. WILL BE PAID FOR PER SO FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SO FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

**TEMPORARY INFORMATION SIGNING**

**NOTES:**

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE ROAD CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
6. WILL BE PAID FOR PER SO FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SO FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

FILE NAME =	USER NAME = _USER_	DESIGNED - EJ	REVISED -
PLA01Phase1.District3StandardDetails.dgn		DRAWN - GR	REVISED -
	PLOT SCALE = 1:8000 ft / in.	CHECKED - JB/ LV	REVISED -
	PLOT DATE = 7/15/2016	DATE - JULY 2016	REVISED -

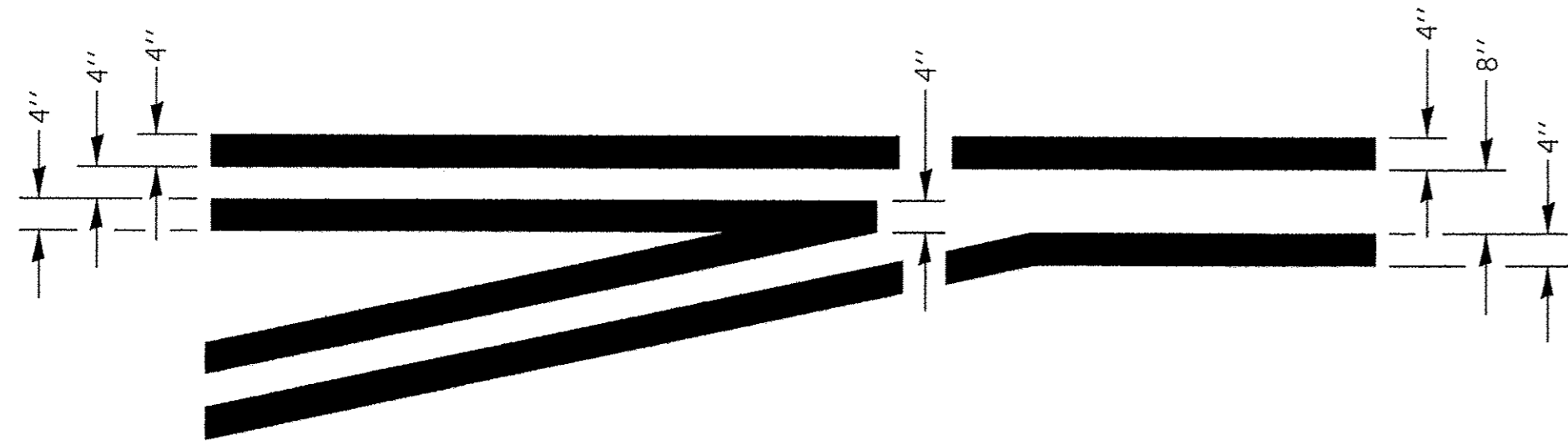
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT 3 DETAILS**

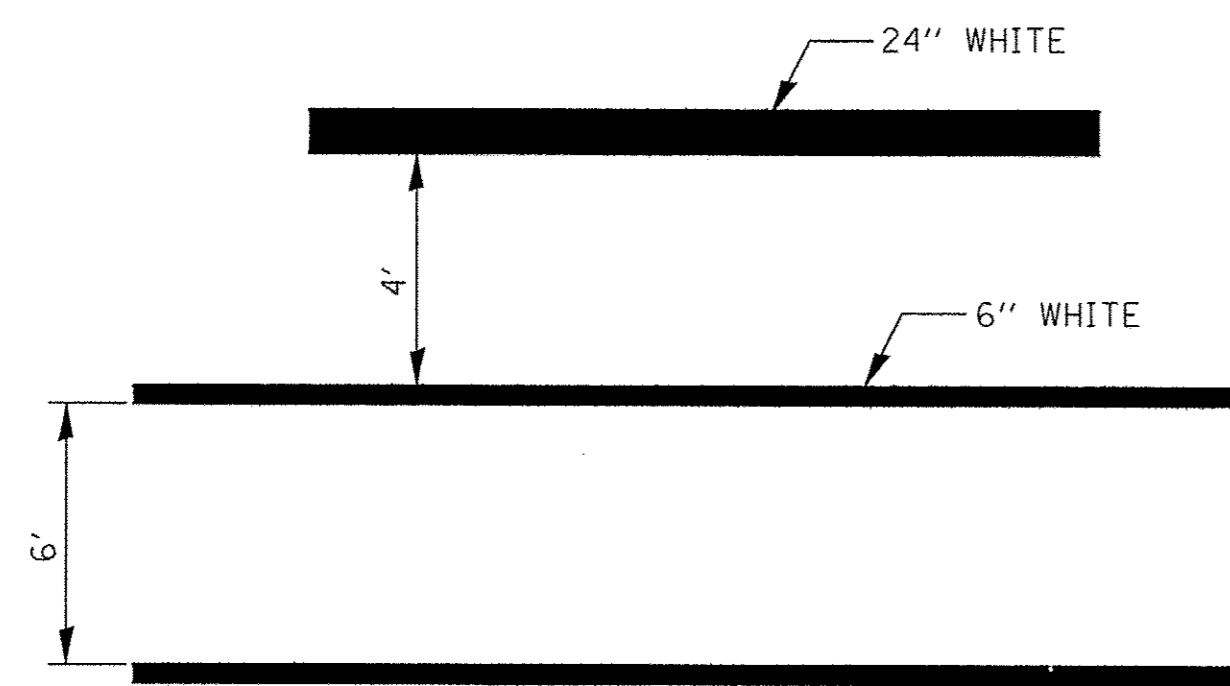
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6469	15-00046-00-PV	KENDALL	24	22
CONTRACT NO. 87661				
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				

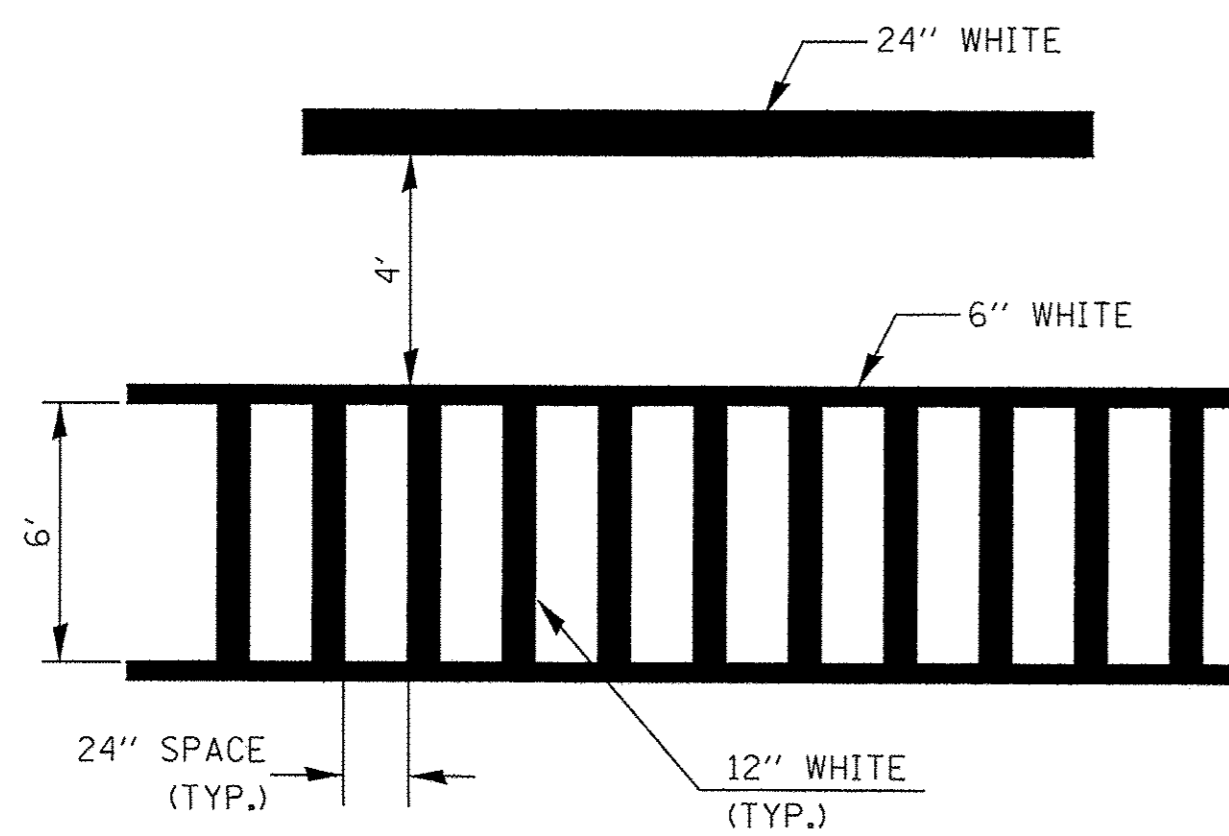




**LEFT TURN LANE  
TYPICAL APPLICATION**

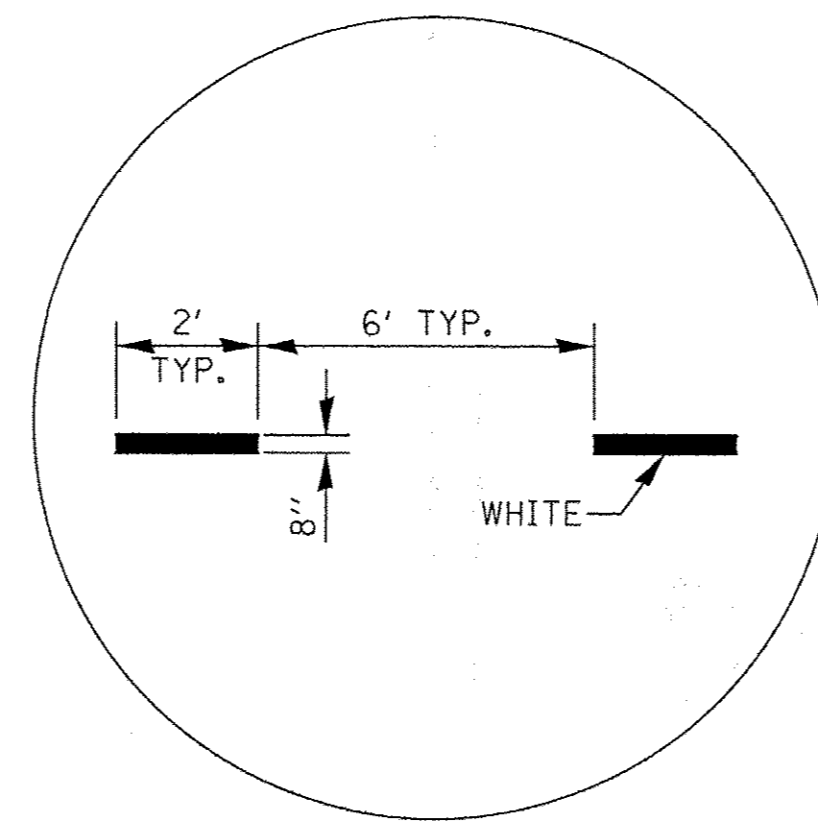


**TYPICAL SPACING DETAIL FOR  
CROSSWALKS AND STOP BARS**

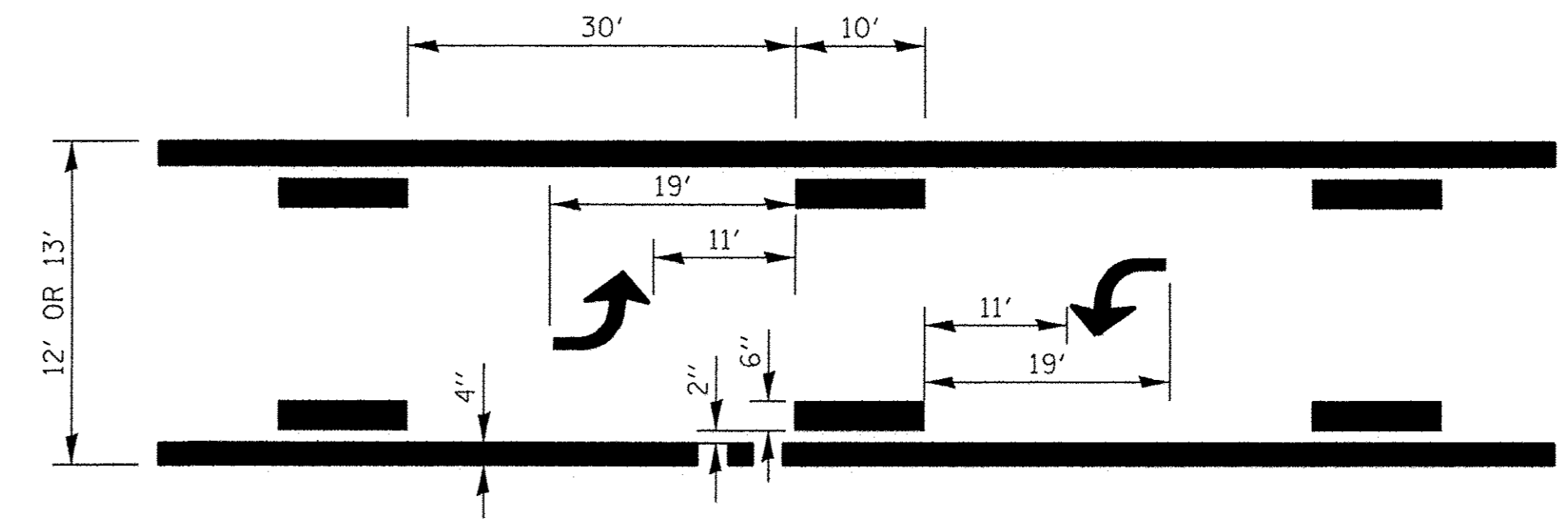


**TYPICAL SPACING DETAIL FOR  
CROSSWALKS AND STOP BARS**

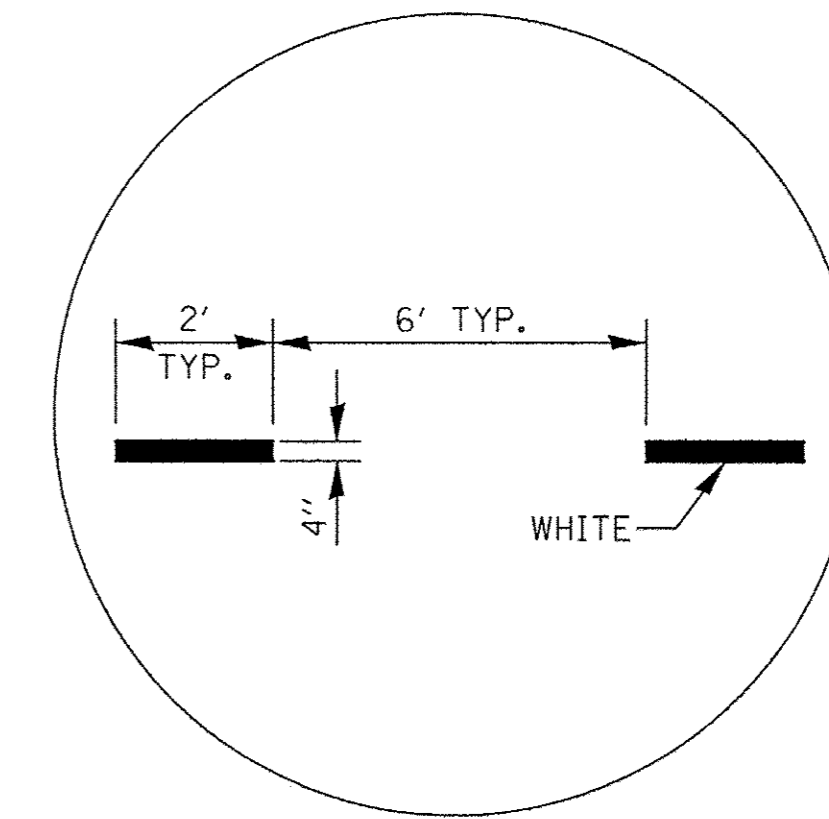
**780-3  
OPTION 2**



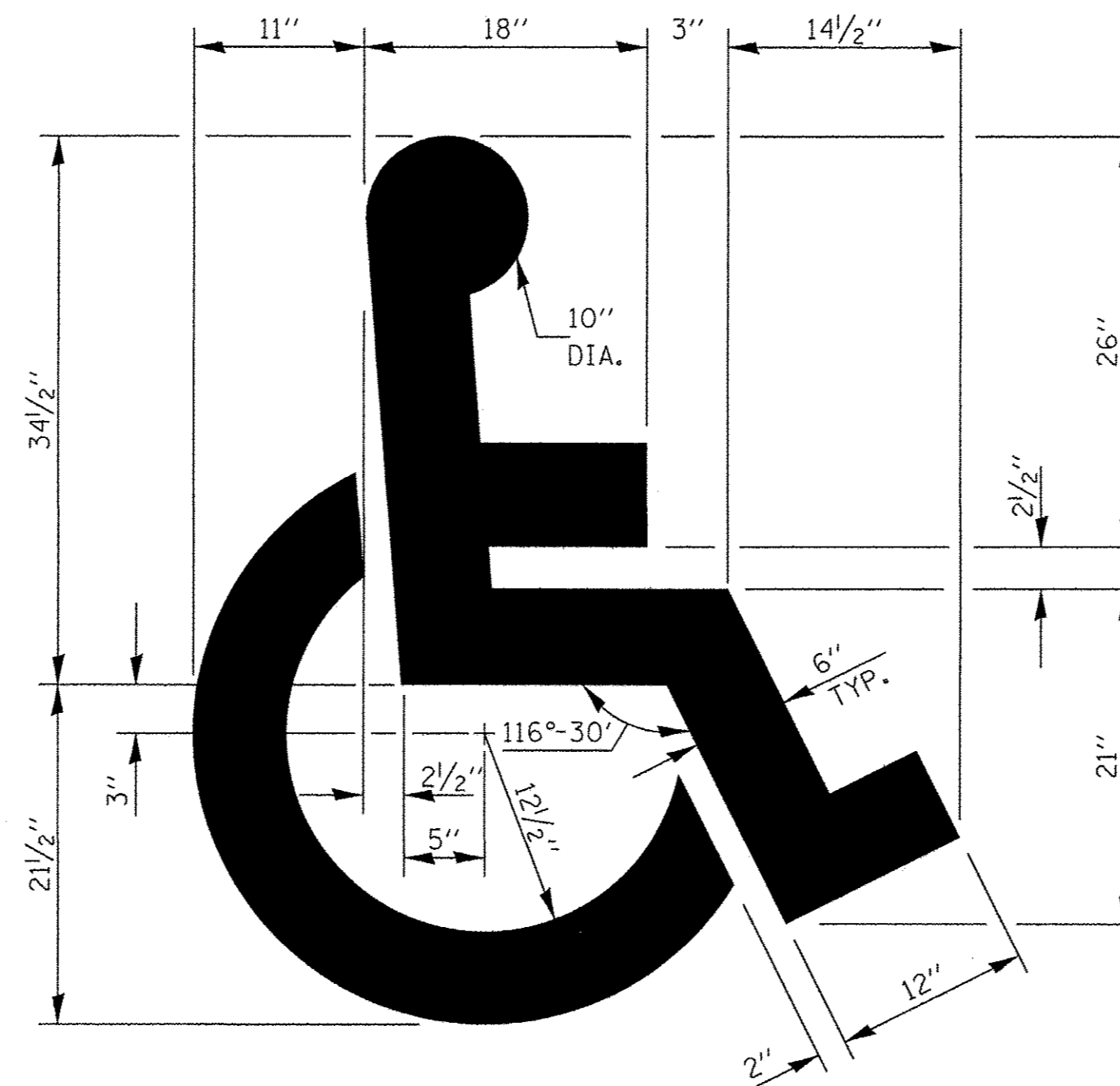
**ADVANCE AND INTERSECTION LANE  
DIVIDER LINES**



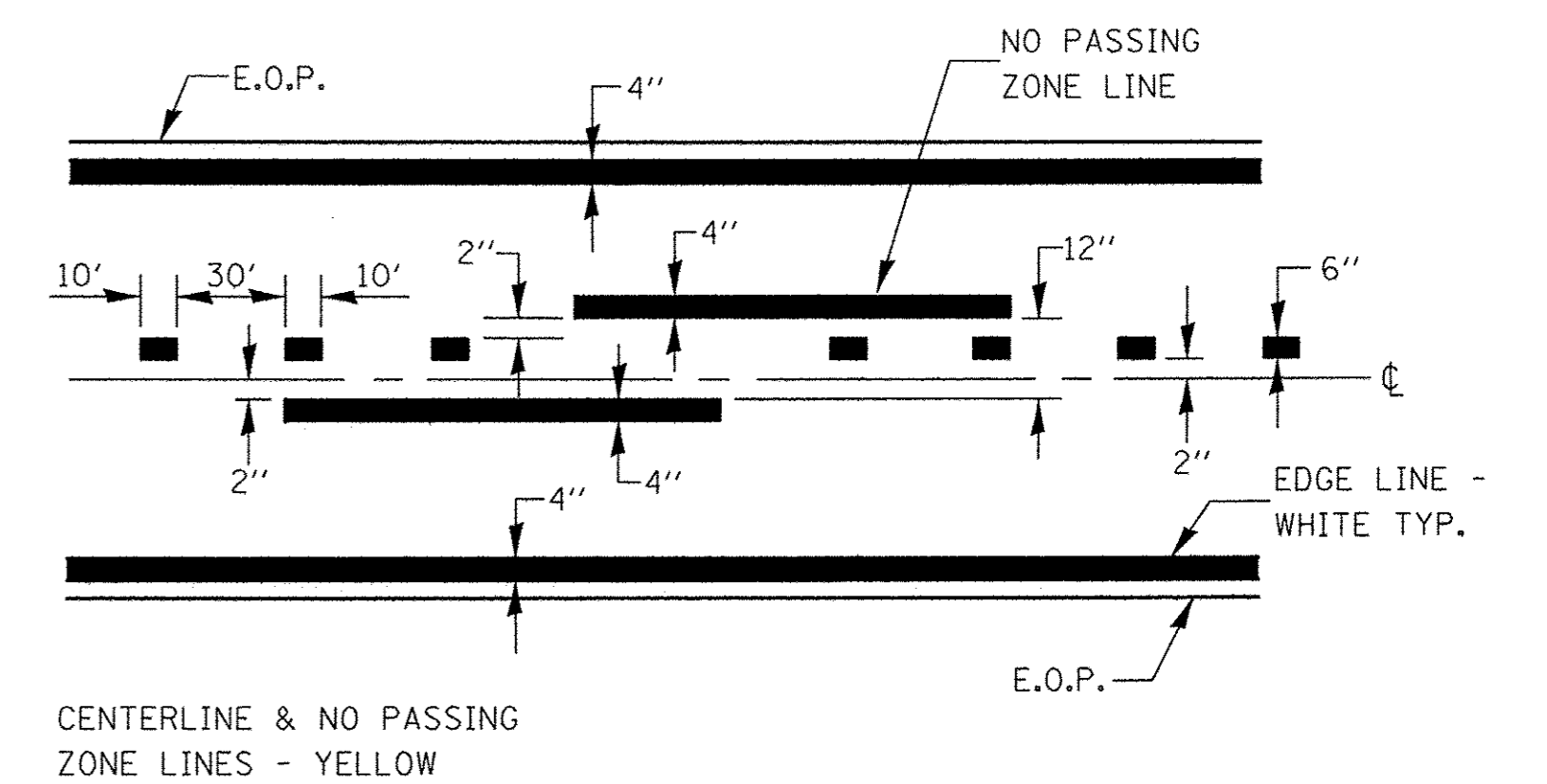
**TYPICAL APPLICATION  
BI-DIRECTIONAL TURN LANE**



**INTERSTATE RAMP TRANSITION LINE**



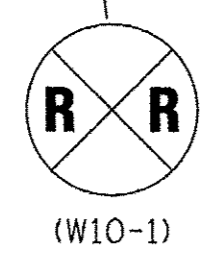
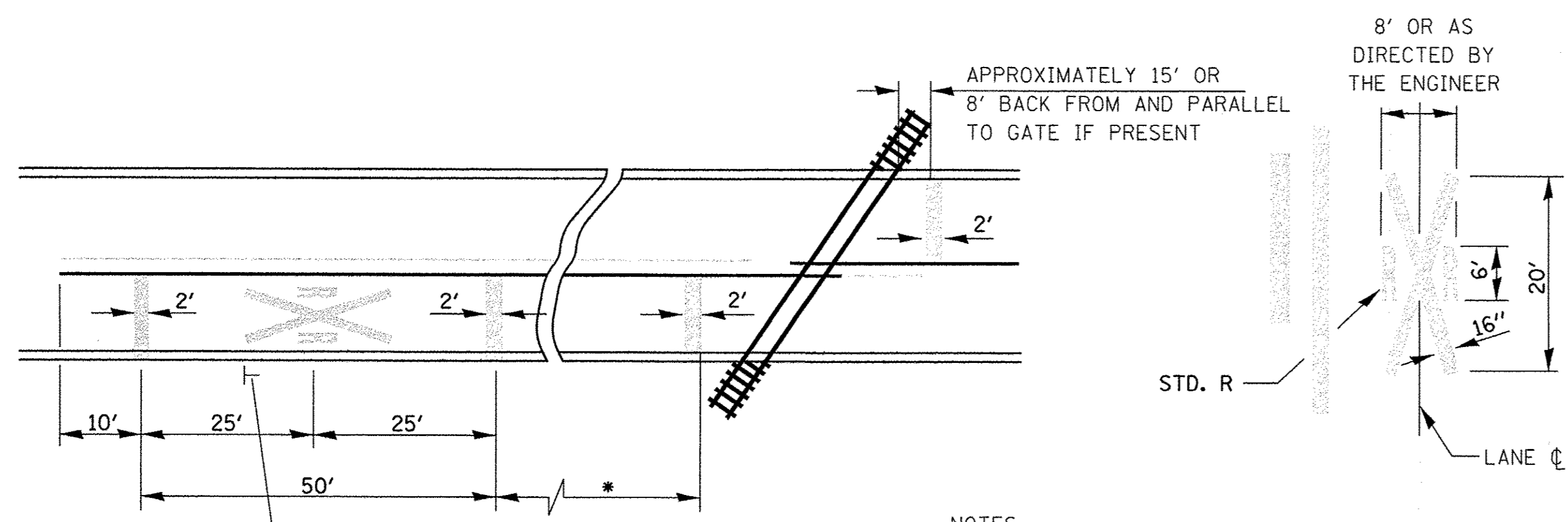
**TYPICAL DETAIL FOR  
PAINTING HANDICAP MARKINGS**



**PAVEMENT MARKING**

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	PLOT SCALE = 1:8000 ft / in.	DRAWN - LV	REVISED -						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT		
	PLOT DATE = 7/15/2016	CHECKED - JB/ LV	REVISED -												CONTRACT NO. 87661		
		DATE - JULY 2016	REVISED -														





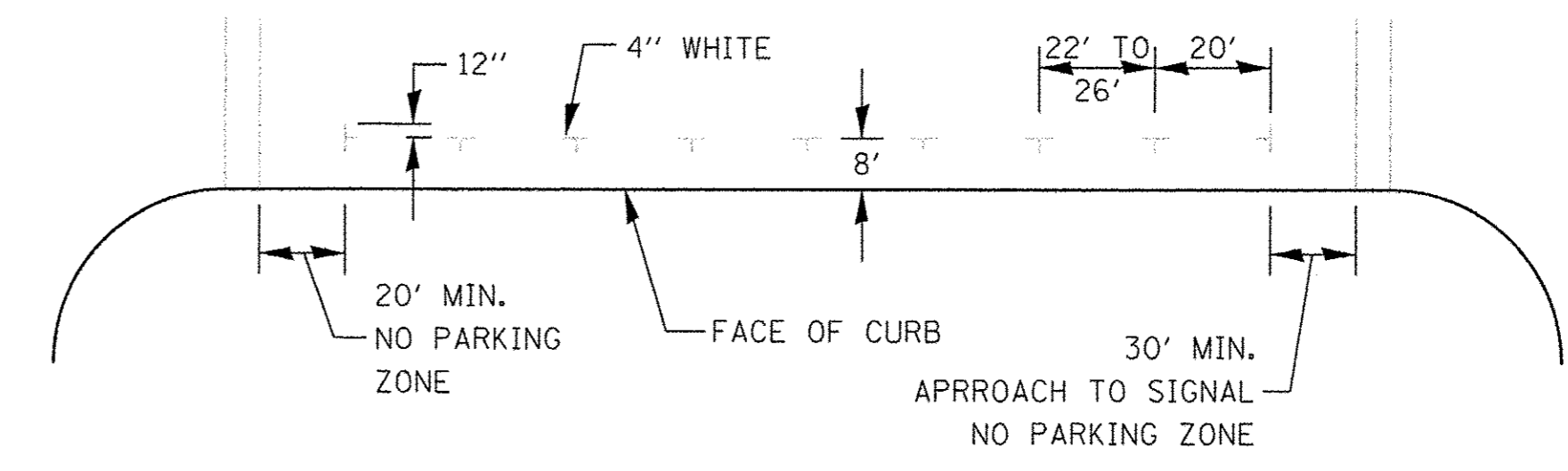
(W10-1)

\* MINIMUM DISTANCE  
 400' FOR 55 MPH  
 250' FOR 45 MPH  
 100' FOR 35 MPH OR LESS

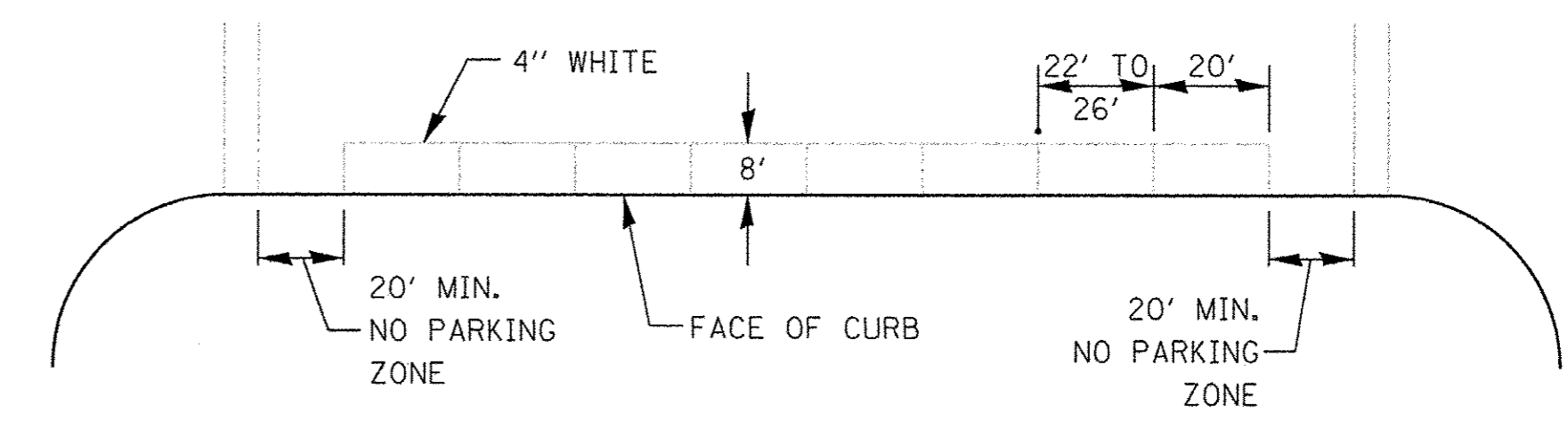
NOTES:  
 THE TRANSVERSE SPREAD OF THE "X"  
 MAY VARY ACCORDING TO LANE WIDTH.  
 ON MULTI-LANE ROADS, THE STOP LINES  
 SHALL EXTEND ACROSS ALL APPROACH  
 LANES AND SEPARATE RXR SYMBOLS SHALL  
 BE PLACED ADJACENT TO EACH OTHER  
 IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL  
 IS USED, A PORTION OF THE SYMBOL  
 SHOULD BE LOCATED DIRECTLY ADJACENT  
 TO THE ADVANCE WARNING SIGN (W10-1).

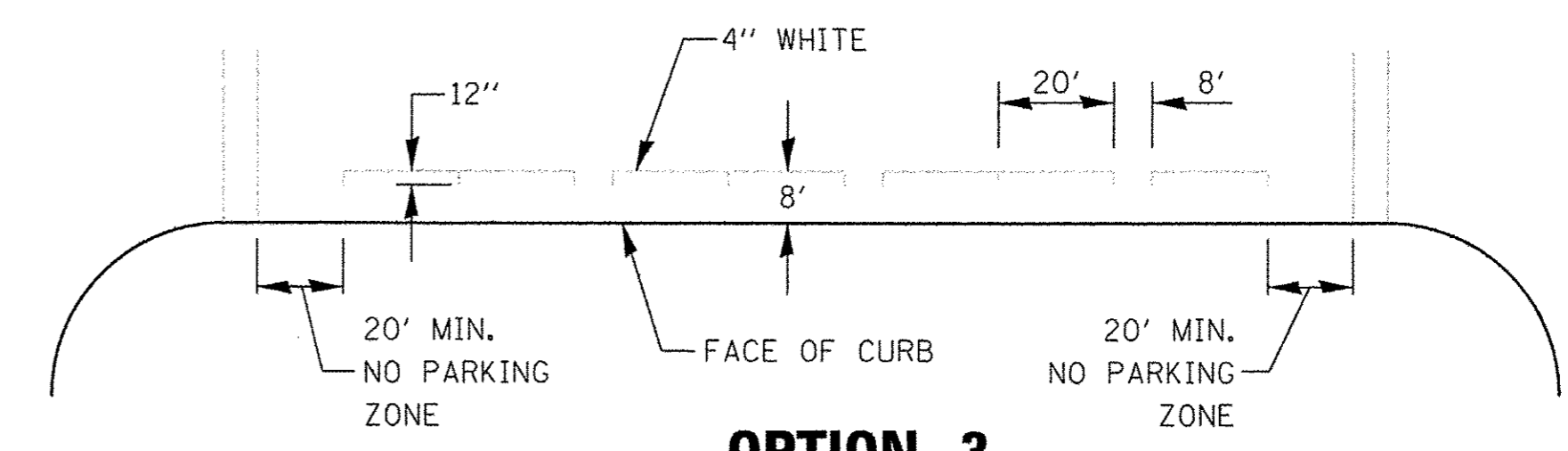
**PAVEMENT MARKINGS AT  
 RAILROAD-HIGHWAY GRADE CROSSING**



**PREFERRED METHOD**



**OPTION 2**



**OPTION 3**

**TYPICAL PARKING SPACING**

FILE NAME = PLA01Phase1.District3StandardDetails.dgn	USER NAME = .USER.	DESIGNED - EJ	REVISED -
		DRAWN - GR	REVISED -
		CHECKED - JB/ LV	REVISED -
		DATE - JULY 2016	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT 3 DETAILS</b>				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6469	15-00046-00-PV	KENDALL	24	24
FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT			CONTRACT NO. 87661	