

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
674	410, 410-1-1	ST. CLAIR	41	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 76B14		

D-98-088-07 *413=44*

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 674 (IL 158)
SECTION 410, 410-1-1

ST. CLAIR COUNTY
PCC PATCHING & HMA RESURFACING
C-98-092-07

INDEX OF SHEETS

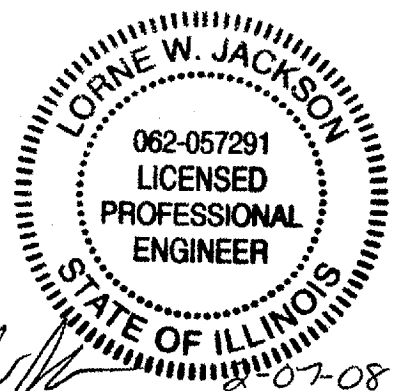
1. COVER SHEET
- 2.-2B. GENERAL NOTES, STANDARDS & SWPP PLAN
- 3.-3A. SUMMARY OF QUANTITIES
- 4.-9. QUANTITY SCHEDULES
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- 18.-21. PLAN & PROFILE - PROFILE CORRECTIONS IL 158 SOUTH BOUND
- 22.-26. PLAN & PROFILE - PROFILE CORRECTIONS IL 158 NORTH BOUND
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41. DETECTOR LOOP REPLACEMENT / ADDITION PLAN

ADT

NORTH OF SEIBERT RD.	SOUTH OF SEIBERT RD.
2007 ADT = 19,500	2007 ADT = 8,400
2027 ADT = 24,800	2027 ADT = 10,700
2.3% SU	4.2% SU
1.8% MU	2.7% MU

GROSS LENGTH OF SECTION SOUTH BOUND: 17,680 FT
LENGTH OF OMISSIONS: 262 FT
NET LENGTH OF SECTION: 17,418 FT

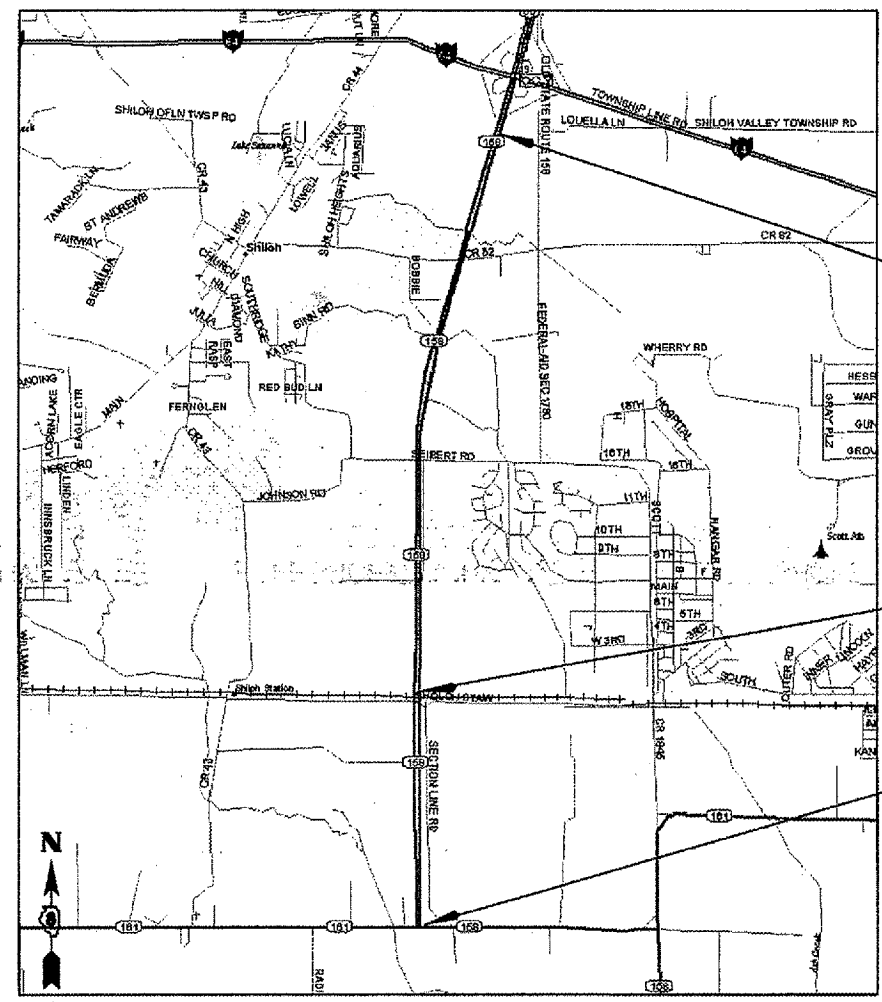
GROSS LENGTH OF SECTION NORTH BOUND: 17,680 FT
LENGTH OF OMISSIONS: 288 FT
NET LENGTH OF SECTION: 17,392 FT



LORNE W. JACKSON, P.E.
LICENSED PROFESSIONAL ENGINEER IN ILLINOIS
LICENSE NO. 062-057291
LICENSE EXPIRES NOV. 30, 2009

PREPARED BY:
HENRY, MEISENHEIMER & GENDE, INC.
ENGINEERS
CARLYLE, ILLINOIS 62231
(618) 594-3711

CONTRACT NO. 76B14

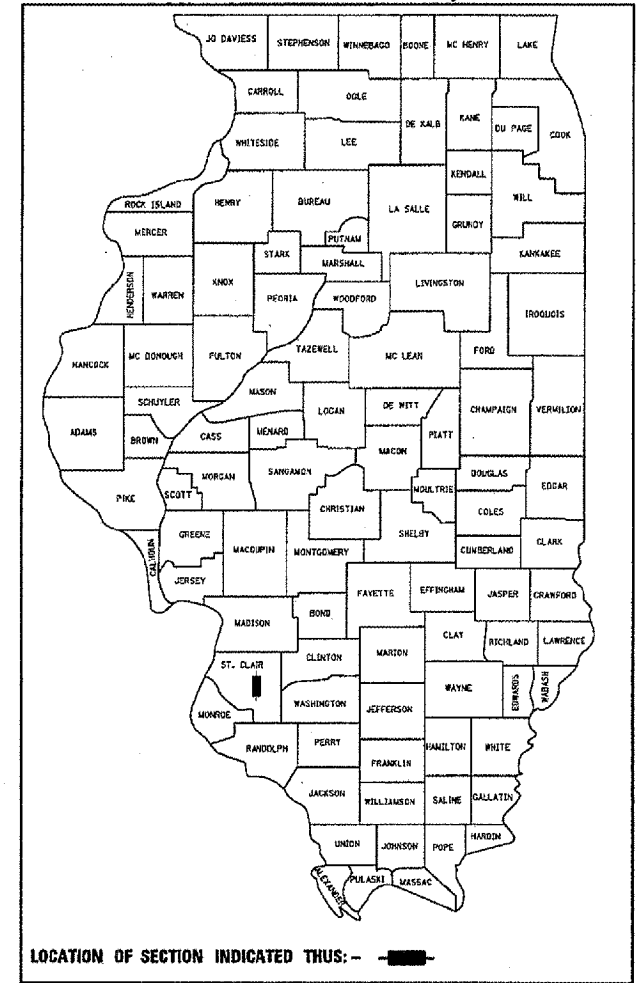


BEGIN PROJECT
STA. 174+00±

OMISSION
BRIDGE
N.B. STA. 297+26 TO STA. 300+14
S.B. STA. 297+33 TO STA. 299+95

END PROJECT
STA. 350+80±

LOCATION MAP



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *February 8, 2008*
Mary C. Jamie
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 21, 2008
Eric E. Harms
ENGINEER OF DESIGN AND ENVIRONMENT

March 21, 2008
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

PROJECT ENGINEER PATTI LEBEAU (618)-346-3179
PROJECT MANAGER CHERYL KEPLAR (618)-346-3186

Rev.

GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
2. ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY ALSO BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 - *CITY OF O'FALLON
 - *AMEREN IP
 - *CHARTER COMMUNICATIONS, INC.
 - *AT&T CORPORATION
 - *AT&T ILLINOIS
 - *ILLINOIS AMERICAN WATER COMPANY
 - *McCLEOD USA TELECOMMUNICATIONS, INC.
 - *METRO
 - *VILLAGE OF SHILOH
 - *QWEST COMMUNICATIONS
 - *SCOTT AIR FORCE BASE
3. MEMBERS OF J.U.L.I.E. 1-800-892-0123 ARE INDICATED BY * . NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
4. THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE ON WHICH THE HOT-MIX ASPHALT MIXTURE IS PLACED.
5. NO OVERNIGHT LANE CLOSURES SHALL BE ALLOWED ON THE PROJECT.
6. FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS INCLUDING LUNCH HOUR AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
7. CARE SHALL BE TAKEN AT ALL SIDE ROADS DURING MILLING OPERATIONS TO ENSURE THAT THE PROPOSED RESURFACING WILL MEET THE EXISTING SIDE ROADS AS SHOWN ON THE DETAILS.
8. ROAD CONSTRUCTION AHEAD SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE (48" X 48").
9. THE FOLLOWING STANDARDS ARE APPLICABLE FOR THIS PROJECT:

000001-05	635011-01	701701-05
442201-03	668001	701901
482011-03	701101-01	780001-01
606001-03	701106-01	781001-02
630001-07	701421-01	814001-01
630301-04	701422-01	886001
631011-04	701426-02	886006
635006-02		

10. PRIOR TO ANY MILLING OPERATIONS THE RESIDENT ENGINEER SHALL ACCURATELY MARK AND DOCUMENT ALL EXISTING PAVEMENT MARKINGS, INCLUDING ALL LANE MARKINGS, CROSS-WALKS, STOP-BARS, AND SYMBOLS. AFTER ALL MILLING AND OVERLAY OPERATIONS HAVE BEEN COMPLETED THE PROPOSED THERMOPLASTIC PAVEMENT MARKING SHALL BE PLACED AT THE EXISTING DOCUMENTED LOCATIONS OR AS DIRECTED ON THE PLAN SHEETS. THIS WORK SHALL BE INCLUDED IN THE PAY ITEM THERMOPLASTIC PAVEMENT MARKING AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
11. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, BINDER, AND FINAL SURFACE COURSE, ONLY THE REMOVAL OF THE FINAL SURFACE APPLICATION WILL BE PAID FOR (WORK ZONE PAVEMENT MARKING REMOVAL - SQ FT). AN AMOUNT OF TEMPORARY PAVEMENT MARKING WHICH EQUALS THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS ALSO BEEN ADDED TO THE PLANS.
12. ALL STATIONING NOTED ON THE PLANS IS APPROXIMATE AND HAS BEEN ROUNDED TO THE NEAREST FOOT.
13. THE STATIONING PROVIDED IN THE PATCHING SCHEDULE IS APPROXIMATE AND THE ACTUAL LOCATIONS OF THE PATCHES MAY DEVIATE SOMEWHAT FROM WHAT IS SHOWN ON THE PLANS. THE AREAS TO BE PATCHED SHALL BE AT THE DISCRETION OF THE ENGINEER. THE DEPTH OF THE PAVEMENT PATCHING SHALL BE ACCORDING TO THE PATCHING SCHEDULE AS PROVIDED IN THE PLANS. THE EXISTING PAVEMENT DEPTHS SHOWN ON THE PLANS WERE COLLECTED FROM PAST PLANS AS PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. THE ACTUAL PAVEMENT DEPTHS IN THE FIELD MAY DEVIATE SOMEWHAT FROM WHAT IS SHOWN ON THE PLANS.
14. THE CONTRACTOR SHALL TAKE CARE TO PROTECT AND PRESERVE THE SURVEY MONUMENTS LOCATED IN THE MEDIAN NEAR THE BRIDGE (STATION 294+20 & STATION 303+50) IN ACCORDANCE WITH ARTICAL 107.20.
15. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE	LEVEL BINDER	BINDER/PATCHING	INCIDENTAL SURF.
AC/PG	<i>SBS 76-22</i>	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%	15%	10%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION				
(GRADATION MIXTURE)				
FRICITION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"
MIXTURE USE	PARTIAL DEPTH PATCH	SHOULDERS	TOP LIFT SHOULDERS	
AC/PG	PG 64-22	PG 58-22	PG 58-22	
RAP % (MAX)	15%	30%	30%	
DESIGN AIR VOIDS	4.0% @ Ndes=70	2.0% @ Ndes=30	**2.0% @ Ndes=30	
MIX COMPOSITION				
(GRADATION MIXTURE)				
FRICITION AGG	MIXTURE "D"	BAM	BAM	

** TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

PLAN QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN (59.8 KG/SQ M/25 MM THICKNESS).

FILE NAME * C02_04_IL103.dgn	USER NAME * avate	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STANDARDS & GENERAL NOTES	F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - EDW	REVISED -			674	410, 410-1-1	ST. CLAIR	41	2	
		CHECKED - SAR	REVISED -			SCALE:		SHEET NO. OF SHEETS		STA.	TO STA.
		DATE - 02/07/08	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 76B14	

Rev.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY ON MAY 30, 2003 FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES. THIS PLAN HAS ALSO BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF NPDES PERMIT NUMBER ILR40 FOR DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS IF CHECKED BELOW.

NPDES PERMITS ASSOCIATED WITH THIS PROJECT:
 ILR10
 ILR40 PERMIT NO. 0493

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

MARY C. LAMIE
 PRINT NAME
 DEPUTY DIRECTOR OF HIGHWAYS
 REGION FIVE ENGINEER
 TITLE
 IL DEPT. OF TRANSPORTATION
 AGENCY

Mary C. Lamie
 SIGNATURE
 3-14-08
 DATE

I. SITE DESCRIPTION:

A. THE FOLLOWING IS A DESCRIPTION OF THE PROJECT LOCATION:

THE PROJECT CONSISTS OF THE PROPOSED IMPROVEMENTS OF 3.3 MILES OF IL ROUTE 168 FROM SOUTH OF INTERSTATE 64 TO IL ROUTE 161.

B. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLAN:

CONSTRUCTION WILL INCLUDE ADDITION OF A TURN LANE IN THE MEDIAN, PAVEMENT PATCHING, PAVEMENT MILLING AND OVERLAY, PROFILE CORRECTION OF SETTLED BRIDGE APPROACHES, PAVEMENT MARKING, SEEDING, AND ALL INCIDENTAL AND COLLATERAL WORK NECESSARY TO COMPLETE THE PROJECT AS SHOWN ON THE PLANS.

C. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS GRUBBING, EXCAVATION AND GRADING:

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

AT LEFT TURN LANE ADDITION, SHOULDER REMOVAL AND EARTH EXCAVATION FOR INSTALLATION OF ADDITIONAL LEFT TURN LANE IN THE MEDIAN, FOLLOWED BY CONSTRUCTION OF THE TURN LANE, SHOULDER, AND CURB AND GUTTER, AND FINALLY BACKFILL, FINAL GRADING, AND SEEDING.

IN PROFILE CORRECTION AREA, AFTER PAVEMENT GRADE IS RAISED, SIDE SLOPES AND MEDIAN WILL BE STRIPPED OF VEGETATION AND REQUIRED ADDITIONAL EMBANKMENT WILL BE PLACED, FOLLOWED BY FINAL GRADING AND SEEDING.

D. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 60 ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 2.3 ACRES.

E. THE FOLLOWING IS A WEIGHTED AVERAGE OF THE RUNOFF COEFFICIENT FOR THIS PROJECT AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED: .51 (SAME AS BEFORE CONSTRUCTION)

F. THE FOLLOWING IS A DESCRIPTION OF THE SOIL TYPES FOUND AT THE PROJECT SITE FOLLOWED BY INFORMATION REGARDING THEIR EROSIVITY:

THE SOIL TYPE IN THE AREA OF THE LEFT TURN LANE ADDITION IS:

FAYETTE SILT LOAM (2808) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO EROSION.

THE SOIL IN THE PROFILE CORRECTION AREA IS PREVIOUSLY PLACED EMBANKMENT. THE SOIL TYPE IS UNKNOWN.

G. THE FOLLOWING IS A DESCRIPTION OF POTENTIALLY EROSIIVE AREAS ASSOCIATED WITH THIS PROJECT:

THE POTENTIALLY CRITICAL EROSIIVE AREAS ARE THE SLOPES OF THE EXISTING EMBANKMENT AT THE PROFILE CORRECTION AREA APPROACHING THE BRIDGE AT STATION 298+85.

H. THE FOLLOWING IS A DESCRIPTION OF SOIL DISTURBING ACTIVITIES, THEIR LOCATIONS, AND THEIR EROSIIVE FACTORS (E.G. STEEPNESS OF SLOPES, LENGTH OF SLOPES, ETC):

THE NATURE AND PURPOSE OF LAND DISTURBING ACTIVITIES ON THIS PROJECT IS TO INSTALL AN ADDITIONAL LEFT TURN LANE IN THE MEDIAN IN AN AREA WITH FLAT SLOPES (K 1:6) AND PLACE EMBANKMENT ON THE SIDE SLOPES OF A BRIDGE APPROACH (SLOPES UP TO 1:2) TO MATCH THE PROPOSED PAVEMENT ELEVATIONS OF THE PROFILE CORRECTION.

THE EROSIIVE CHARACTERISTICS OF THE LOCAL SOIL TYPES ARE NOT REALLY RELEVANT SINCE THE AREA OF CONCERN IS EMBANKMENT PLACED DURING CONSTRUCTION OF THE BRIDGE AND NOT THE LOCAL SOILS.

I. SEE THE EROSION CONTROL PLANS AND/OR DRAINAGE PLANS FOR THIS CONTRACT FOR INFORMATION REGARDING DRAINAGE PATTERNS, APPROXIMATE SLOPES ANTICIPATED BEFORE AND AFTER MAJOR GRADING ACTIVITIES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AND CONTROLS TO PREVENT OFF SITE SEDIMENT TRACKING (TO BE ADDED AFTER CONTRACTOR IDENTIFIES LOCATIONS), AREAS OF SOIL DISTURBANCE, THE LOCATION OF MAJOR STRUCTURAL AND NON-STRUCTURAL CONTROLS IDENTIFIED IN THE PLAN, THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR, SURFACE WATERS (INCLUDING WETLANDS) AND LOCATIONS WHERE STORM WATER IS DISCHARGED TO SURFACE WATER INCLUDING WETLANDS.

J. THE FOLLOWING IS A LIST OF RECEIVING WATER(S) AND THE ULTIMATE RECEIVING WATER(S), AND AERIAL EXTENT OF WETLAND ACREAGE AT THE SITE. THE LOCATION OF THE RECEIVING WATERS CAN BE FOUND ON THE EROSION AND SEDIMENT CONTROL PLANS:

SILVER CREEK AND THE KASKASKIA RIVER

K. THE FOLLOWING POLLUTANTS OF CONCERN WILL BE ASSOCIATED WITH THIS CONSTRUCTION PROJECT: (CHECK ALL THAT APPLY)

- SOIL SEDIMENT
- CONCRETE
- CONCRETE TRUCK WASTE
- CONCRETE CURING COMPOUNDS
- SOLID WASTE DEBRIS
- PAINTS
- SOLVENTS
- FERTILIZERS / PESTICIDES

II. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN I.C. ABOVE AND FOR ALL USE AREAS, BORROW SITES, AND WASTE SITES. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. THE CONTRACTOR SHALL PROVIDE TO THE RESIDENT ENGINEER A PLAN FOR THE IMPLEMENTATION OF THE MEASURES INDICATED. THE CONTRACTOR, AND SUBCONTRACTORS, WILL NOTIFY THE RESIDENT ENGINEER OF ANY PROPOSED CHANGES, MAINTENANCE, OR MODIFICATIONS TO KEEP CONSTRUCTION ACTIVITIES COMPLIANT WITH THE PERMIT. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH WILL BE PROVIDED AT THE PRE-CONSTRUCTION CONFERENCE, AND ARE A PART OF, THIS PLAN.

A. EROSION AND SEDIMENT CONTROL

1. STABILIZED PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SODDING, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES. EXCEPT AS PROVIDED BELOW IN II(A)(1) AND II(A)(2), STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASES ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.

2. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING STABILIZATION PRACTICES WILL BE USED FOR THIS PROJECT: (CHECK ALL THAT APPLY)

- PRESERVATION OF MATURE VEGETATION
- VEGETATED BUFFER STRIPS
- PROTECTION OF TREES
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY TURF (SEEDING, CLASS 1)
- TEMPORARY MULCHING
- PERMANENT SEEDING
- EROSION CONTROL BLANKET / MULCHING
- SODDING
- GEOTEXTILES
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....

DESCRIBE HOW THE STABILIZATION PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. TEMPORARY EROSION CONTROL SEEDING - THIS ITEM WILL BE APPLIED TO ALL BARE AREAS EVERY SEVEN DAYS TO MINIMIZE THE AMOUNT OF EXPOSED SURFACE AREAS.

EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN 14 DAYS.

WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL EROSION.

BARE AND SPARSELY VEGETATED GROUND IN HIGHLY ERODIBLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN 7 DAYS.

2. PERMANENT SEEDING - SEEDING, CLASS 2 WILL BE INSTALLED PER DOT SPECIFICATIONS.

3. EROSION CONTROL BLANKETS/MULCHING - EROSION CONTROL BLANKETS WILL BE INSTALLED OVER FILL SLOPES AND IN HIGH VELOCITY AREAS (I.E. DITCHES) THAT HAVE BEEN BROUGHT TO FINAL GRADE AND SEEDED TO PROTECT SLOPES FROM EROSION AND ALLOW SEEDS TO GERMINATE. MULCH, METHOD 2 WILL BE APPLIED IN RELATIVELY FLAT AREAS TO PROTECT THE DISTURBED AREAS AND PREVENT FURTHER EROSION.

MULCH AS APPLIED TO TEMPORARY EROSION CONTROL SEEDING SHALL BE BY THE METHOD SPECIFIED IN THE CONTRACT AND AT THE DIRECTION OF THE ENGINEER. MULCH WILL BE PAID SEPARATELY AND SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS.

PERMANENT STABILIZATION - ALL AREAS DISTURBED BY CONSTRUCTION WILL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING THE FINISHED GRADING. EROSION CONTROL BLANKETS WILL BE INSTALLED OVER FILL SLOPES WHICH HAVE BEEN BROUGHT TO FINAL GRADE AND HAVE BEEN SEEDED TO PROTECT THE SLOPES FROM RILL AND GULLY EROSION AND ALLOW SEED TO GERMINATE PROPERLY. MULCH, METHOD 2 WILL BE USED ON RELATIVELY FLAT AREAS.

2. STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: PERIMETER EROSION BARRIER, EARTH DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, DITCH CHECKS, SUBSURFACE DRAINS, PIPE SLOPE DRAINS, LEVEL SPREADERS, STORM DRAIN INLET PROTECTION, ROCK OUTLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, GABIONS, AND TEMPORARY OR PERMANENT SEDIMENT BASINS. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

THE FOLLOWING STRUCTURAL PRACTICES WILL BE USED FOR THIS PROJECT:(CHECK ALL THAT APPLY):

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- STORM DRAIN INLET PROTECTION
- SEDIMENT TRAP
- TEMPORARY PIPE SLOPE DRAIN
- TEMPORARY SEDIMENT BASIN
- TEMPORARY STREAM CROSSING
- STABILIZED CONSTRUCTION EXITS
- TURF REINFORCEMENT MATS
- PERMANENT CHECK DAMS
- PERMANENT SEDIMENT BASIN
- AGGREGATE DITCH
- PAVED DITCH
- ROCK OUTLET PROTECTION
- RIPRAP
- GABIONS
- SLOPE MATTRESS
- RETAINING WALLS
- SLOPE WALLS
- CONCRETE REVETMENT MATS
- LEVEL SPREADERS
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....

DESCRIBE HOW THE STRUCTURAL PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. PERIMETER EROSION BARRIER - SILT FENCES WILL BE PLACED ALONG THE BANKS OF THE DUPAGE RIVER IN AN EFFORT TO CONTAIN SILT AND RUNOFF FROM LEAVING THE SITE.

CONSTRUCT AT BEGINNING OF CONSTRUCTION. REMOVE AT END OF CONSTRUCTION.

2. STORM DRAIN INLET PROTECTION - INLET AND PIPE PROTECTION WILL BE PROVIDED FOR STORM SEWERS AND CULVERTS. SEDIMENT FILTERS WILL BE PLACED IN ALL INLETS, CATCH BASINS AND MANHOLES DURING CONSTRUCTION AND WILL BE CLEANED ON A REGULAR BASIS.

3. TEMPORARY DITCH CHECKS - DITCH CHECKS WILL BE PLACED IN SWALES WHERE RUNOFF VELOCITY IS HIGH. ALL STRUCTURAL PRACTICES ARE SHOWN IN DETAIL ON THE EROSION CONTROL PLANS.

TEMPORARY DITCH CHECKS SHALL BE LOCATED AT EVERY 100 FT. FALL/RISE IN DITCH GRADE.

TEMPORARY DITCH CHECKS, AGGREGATE USES GRADING NO. 3- REMOVE AT END OF CONSTRUCTION.

STRAW BALES, HAY BALES, PERIMETER EROSION BARRIER AND SILT FENCE WILL NOT BE PERMITTED FOR TEMPORARY OR PERMANENT DITCH CHECKS. DITCH CHECKS SHALL BE COMPOSED OF AGGREGATE (IF SPECIFIED), ENVIROBERM, TRIANGULAR SILT DIKES, GEORIDGE AND ROLLED EXCELSTOR.

AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.

ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

FILE NAME - C828vppp 3-27-08.dgn	USER NAME - ljaakson	DESIGNED - LWJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SWPP PLAN	F.A.P. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 50ft	CHECKED - SAR	REVISED -	674			410, 410-1-1	ST. CLAIR	41	2A		
PLOT DATE = 2/13/2008	DATE - 03/12/08	REVISED -	CONTRACT NO. 76B14								
						FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					

3. STORM WATER MANAGEMENT: PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.
- c. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: STORM WATER DETENTION STRUCTURES (INCLUDING WET PONDS), STORM WATER RETENTION STRUCTURES, FLOW ATTENUATION BY USE OF OPEN VEGETATED SWALES AND NATURAL DEPRESSIONS, INFILTRATION OF RUNOFF ON SITE, AND SEQUENTIAL SYSTEMS (WHICH COMBINE SEVERAL PRACTICES). THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE IN SECTION 59-8 (EROSION AND SEDIMENT CONTROL) IN CHAPTER 59 (LANDSCAPE DESIGN AND EROSION CONTROL) OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF DESIGN AND ENVIRONMENT MANUAL. IF PRACTICES OTHER THAN THOSE DISCUSSED IN SECTION 59-8 ARE SELECTED FOR IMPLEMENTATION OR IF PRACTICES ARE APPLIED TO SITUATIONS DIFFERENT FROM THOSE COVERED IN SECTION 59-8, THE TECHNICAL BASIS FOR SUCH DECISIONS WILL BE EXPLAINED BELOW.
 - b. VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G. MAINTENANCE OF HYDROLOGIC CONDITIONS SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS:

THE SCOPE OF THE WORK DOES NOT REQUIRE CHANGES TO THE EXISTING STORM WATER MANAGEMENT.

4. OTHER CONTROLS:

- a. VEHICLE ENTRANCES AND EXITS - STABILIZED CONSTRUCTION ENTRANCES AND EXITS MUST BE CONSTRUCTED TO PREVENT TRACKING OF SEDIMENTS ONTO ROADWAYS.

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN IDENTIFYING THE LOCATION OF STABILIZED ENTRANCES AND EXITS AND THE PROCEDURES (SHE WILL USE TO CONSTRUCT AND MAINTAIN THEM.
 - b. MATERIAL DELIVERY, STORAGE, AND USE - THE FOLLOWING BMP'S SHALL BE IMPLEMENTED TO HELP PREVENT DISCHARGES OF CONSTRUCTION MATERIALS DURING DELIVERY, STORAGE, AND USE:
 - ALL PRODUCTS DELIVERED TO THE PROJECT SITE MUST BE PROPERLY LABELED.
 - WATER TIGHT SHIPPING CONTAINERS AND/OR SEMI TRAILERS SHALL BE USED TO STORE HAND TOOLS, SMALL PARTS, AND MOST CONSTRUCTION MATERIALS THAT CAN BE CARRIED BY HAND, SUCH AS PAINT CANS, SOLVENTS, AND GREASE.
 - A STORAGE/CONTAINMENT FACILITY SHOULD BE CHOSEN FOR LARGER ITEMS SUCH AS DRUMS AND ITEMS SHIPPED OR STORED ON PALLETS. SUCH MATERIAL IS TO BE COVERED BY A TIN ROOF OR LARGE SHEETS OF PLASTIC TO PREVENT PRECIPITATION FROM COMING IN CONTACT WITH THE PRODUCTS BEING STORED.
 - LARGE ITEMS SUCH AS LIGHT STANDS, FRAMING MATERIALS AND LUMBER SHALL BE STORED IN THE OPEN IN A GENERAL STORAGE AREA. SUCH MATERIAL SHALL BE ELEVATED WITH WOOD BLOCKS TO MINIMIZE CONTACT WITH STORM WATER RUNOFF.
 - SPILL CLEAN-UP MATERIALS, MATERIAL SAFETY DATA SHEETS, AN INVENTORY OF MATERIALS, AND EMERGENCY CONTACT NUMBERS SHALL BE MAINTAINED AND STORED IN ONE DESIGNATED AREA AND EACH CONTRACTOR IS TO INFORM HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER OF THIS LOCATION.
 - c. STOCKPILE MANAGEMENT - BMP'S SHALL BE IMPLEMENTED TO REDUCE OR ELIMINATE POLLUTION OF STORM WATER FROM STOCKPILES OF SOIL AND PAVING MATERIALS SUCH AS BUT NOT LIMITED TO PORTLAND CEMENT CONCRETE RUBBLE, ASPHALT CONCRETE, ASPHALT CONCRETE RUBBLE, AGGREGATE BASE, AGGREGATE SUB BASE, AND PRE-MIXED AGGREGATE. THE FOLLOWING BMP'S MAY BE CONSIDERED:
 - PERIMETER EROSION BARRIER
 - TEMPORARY SEEDING
 - TEMPORARY MULCH
 - PLASTIC COVERS
 - SOIL BINDERS
 - STORM DRAIN INLET PROTECTION
- THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN OF THE PROCEDURES (SHE WILL USE ON THE PROJECT AND HOW THEY WILL BE MAINTAINED.
- d. WASTE DISPOSAL. NO MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
 - e. THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.
 - f. THE CONTRACTOR SHALL PROVIDE A WRITTEN AND GRAPHIC PLAN TO THE RESIDENT ENGINEER IDENTIFYING WHERE EACH OF THE ABOVE AREAS WILL BE LOCATED AND HOW THEY ARE TO BE MANAGED.

5. APPROVED STATE OR LOCAL LAWS

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, 1995. PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS SHALL BE DESCRIBED OR INCORPORATED BY REFERENCE IN THE SPACE PROVIDED BELOW. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION SITE PLANS, SITE PERMITS, STORM WATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI, TO BE AUTHORIZED TO DISCHARGE UNDER PERMIT ILR10 INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

DESCRIPTION OF PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS:

ALL MANAGEMENT PRACTICES, CONTROLS, AND OTHER PROVISIONS PROVIDED IN THIS PLAN ARE IN ACCORDANCE WITH "IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND THE ILLINOIS URBAN MANUAL".

III. MAINTENANCE:

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, THE VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN.

1. SEEDING - ALL ERODIBLE BARE EARTH WILL BE TEMPORARILY SEEDED ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODIBLE SURFACE WITHIN THE CONTRACT LIMITS.
2. PERIMETER EROSION BARRIER - SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE FENCING IS IN JEOPARDY AND ANY FENCING KNOCKED DOWN WILL BE REPAIRED IMMEDIATELY.
3. EROSION CONTROL BLANKET/MULCHING - ANY AREAS THAT FAIL WILL BE REPAIRED IMMEDIATELY.
4. DITCH CHECKS - SEDIMENT WILL BE REMOVED IF THE INTEGRITY OF THE DITCH CHECK IS IN JEOPARDY. ANY DITCH CHECKS WHICH FAIL WILL BE REPAIRED OR REPLACED IMMEDIATELY.

THE RESIDENT ENGINEER WILL PROVIDE MAINTENANCE GUIDES TO THE CONTRACTOR FOR THESE PRACTICES. ALL MAINTENANCE OF EROSION CONTROL SYSTEMS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETE AND ACCEPTED BY IDOT AFTER FINAL INSPECTION. ALL LOCATIONS WHERE VEHICLES ENTER AND EXIT THE CONSTRUCTION SITE AND ALL OTHER AREAS SUBJECT TO EROSION SHOULD ALSO BE INSPECTED PERIODICALLY.

INSPECTION OF THESE AREAS SHALL BE MADE AT LEAST ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF THE END OF EACH 0.5 INCHES OR GREATER RAINFALL, OR AN EQUIVALENT SNOWFALL. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM.

IV. INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT YET BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES AND EQUIPMENT ENTER AND EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

- A. DISTURBED AREAS, USE AREAS (STORAGE OF MATERIALS, STOCKPILES, MACHINE MAINTENANCE FUELING, ETC.), BORROW SITES, AND WASTE SITES SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS OR POINTS THAT ARE ACCESSIBLE, SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.
- B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION I ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION II ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN 1/2 HOUR TO 1 WEEK BASED ON THE URGENCY OF THE SITUATION. THE RESIDENT ENGINEER WILL NOTIFY THE CONTRACTOR OF THE TIME REQUIRED TO IMPLEMENT SUCH ACTIONS THROUGH THE WEEKLY INSPECTION REPORT.
- C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION IV(B) SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.
- D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT. THE INCIDENCE OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

V. NON-STORM WATER DISCHARGES:

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER THAT IS COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY ADDRESSED IN THIS PLAN MUST BE DESCRIBED BELOW. APPROPRIATE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR THE NON-STORM WATER COMPONENT(S) OF THE DISCHARGE.

- A. SPILL PREVENTION AND CONTROL - BMP'S SHALL BE IMPLEMENTED TO CONTAIN AND CLEAN-UP SPILLS AND PREVENT MATERIAL DISCHARGES TO THE STORM DRAIN SYSTEM. THE CONTRACTOR SHALL PRODUCE A WRITTEN PLAN STATING HOW HIS/HER COMPANY WILL PREVENT, REPORT, AND CLEAN UP SPILLS AND PROVIDE A COPY TO ALL OF HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER. THE CONTRACTOR SHALL NOTIFY ALL OF HIS/HER EMPLOYEES ON THE PROPER PROTOCOL FOR REPORTING SPILLS. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF ANY SPILLS IMMEDIATELY.
- B. CONCRETE RESIDUALS AND WASHOUT WASTES - THE FOLLOWING BMP'S SHALL BE IMPLEMENTED TO CONTROL RESIDUAL CONCRETE, CONCRETE SEDIMENTS, AND RINSE WATER:
 1. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED FOR RINSING OUT CONCRETE TRUCKS. SIGNS SHALL BE INSTALLED DIRECTING CONCRETE TRUCK DRIVERS WHERE DESIGNATED WASHOUT FACILITIES ARE LOCATED.
 2. THE CONTRACTOR SHALL HAVE THE LOCATION OF TEMPORARY CONCRETE WASHOUT FACILITIES APPROVED BY THE RESIDENT ENGINEER.
 3. ALL TEMPORARY CONCRETE WASHOUT FACILITIES ARE TO BE INSPECTED BY THE CONTRACTOR AFTER EACH USE AND ALL SPILLS MUST BE REPORTED TO THE RESIDENT ENGINEER AND CLEANED UP IMMEDIATELY.
 4. CONCRETE WASTE SOLIDS/LIQUIDS SHALL BE DISPOSED OF PROPERLY.
- C. LITTER MANAGEMENT - A PROPER NUMBER OF DUMPSTERS SHALL BE PROVIDED ON SITE TO HANDLE DEBRIS AND LITTER ASSOCIATED WITH THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING HIS/HER EMPLOYEES PLACE ALL LITTER INCLUDING MARKING PAINT CANS, SODA CANS, FOOD WRAPPERS, WOOD LATHE, MARKING RIBBON, CONSTRUCTION STRING, AND ALL OTHER CONSTRUCTION RELATED LITTER IN THE PROPER DUMPSTERS.
- D. VEHICLE AND EQUIPMENT CLEANING - VEHICLES AND EQUIPMENT ARE TO BE CLEANED IN DESIGNATED AREAS ONLY, PREFERABLY OFF SITE.
- E. VEHICLE AND EQUIPMENT FUELING - A VARIETY OF BMP'S CAN BE IMPLEMENTED DURING FUELING OF VEHICLES AND EQUIPMENT TO PREVENT POLLUTION. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER AS TO WHICH BMP'S WILL BE USED ON THE PROJECT. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER HOW (SHE WILL BE INFORMING HIS/HER EMPLOYEES OF THESE BMP'S (I.E. SIGNS, TRAINING, ETC.). BELOW ARE A FEW EXAMPLES OF THESE BMP'S:
 1. CONTAINMENT
 2. SPILL PREVENTION AND CONTROL
 3. USE OF DRIP PANS AND ABSORBENTS
 4. AUTOMATIC SHUT-OFF NOZZLES
 5. TOPPING OFF RESTRICTIONS
 6. LEAK INSPECTION AND REPAIR
- F. VEHICLE AND EQUIPMENT MAINTENANCE - ON SITE MAINTENANCE MUST BE PERFORMED IN ACCORDANCE WITH ALL ENVIRONMENTAL LAWS SUCH AS PROPER STORAGE AND NO DUMPING OF OLD ENGINE OIL OR OTHER FLUIDS ON SITE.

VI. FAILURE TO COMPLY:

FAILURE TO COMPLY WITH ANY PROVISIONS OF THIS STORM WATER POLLUTION PREVENTION PLAN WILL RESULT IN THE IMPLEMENTATION OF AN EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION AGAINST THE CONTRACTOR AND/OR PENALTIES UNDER THE NPDES PERMIT WHICH COULD BE PASSED ONTO THE CONTRACTOR.

LEGEND

- ◆ TEMPORARY DITCH CHECK- ROLLED EXCELSIOR, SILT WEDGES/PANELS
- ▬ TEMPORARY DITCH CHECK- AGGREGATE
- ▬ EROSION CONTROL BLANKET
- ▬ PERIMETER EROSION BARRIER- SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
- ◆ INLET AND PIPE PROTECTION- STRAW BALES, FILTER FABRIC, AGGREGATES

FILE NAME = c028ovppp 3-07-08.dgn	USER NAME = ljohnson	DESIGNED - LWJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SWPP PLAN				F.A.P. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - LWJ	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
		CHECKED - SAR	REVISED -											
		DATE - 03/12/08	REVISED -											
	PLOT SCALE = 50ft													
	PLOT DATE = 3/13/2008													
										674	410, 410-1-I	ST. CLAIR	41	28
										CONTRACT NO. 76B14				

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		100% STATE 1000	100% STATE Y031-IF	-----	CODE NO	ITEM	UNIT		100% STATE 1000	100% STATE Y031-IF	-----
20200100	EARTH EXCAVATION	CU YD	246	246		48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	552	552			
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	68	68		48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	156	156			
20400800	FURNISHED EXCAVATION	CU YD	2137	2137		60611818	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) (ABUTTING EXISTING PAVEMENT)	FOOT	20	20			
25000210	SEEDING, CLASS 2A	ACRE	3	3		60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	164	164			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	201	201		63301210	REMOVE AND RE-ERECT STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	1742	1742			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	201	201		63301990	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	1	1			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	201	201		63302000	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2			
25100115	MULCH, METHOD 2	ACRE	2	2		67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3			
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	223	223		67100100	MOBILIZATION	L SUM	1	1			
28000720	MULCH, METHOD 2	ACRE	3	3		70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1			
30200650	PROCESSING MODIFIED SOIL 12"	SO YD	937	937		70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	1			
30201500	LIME	TON	19	19		70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			
35100300	AGGREGATE BASE COURSE, TYPE A 4"	SO YD	937	937		70300100	SHORT-TERM PAVEMENT MARKING	FOOT	4372	4372			
35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SO YD	615	615		70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	39,976	39,976			
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	47.6	47.6		70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	4,492	4,492			
40600300	AGGREGATE (PRIME COAT)	TON	228	228		70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1,476	1,476			
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	3500	3500		70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	364	364			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	2726	2726		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	19,967	19,967			
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SO YD	2101	2101		*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	39,976	39,976			
40600990	TEMPORARY RAMP	SO YD	1249	1249		*78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	4,492	4,492			
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	6771	6771		*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,476	1,476			
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SO YD	10833	10833		*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	364	364			
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	5445	5445		*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	541	541			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	357	357		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	530	530			
44002020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	678	678		*81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	9		9		
44004250	PAVED SHOULDER REMOVAL	SO YD	232	232		*81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	45		45		
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SO YD	106	106									
44200942	CLASS B PATCHES, TYPE III, 8 INCH	SO YD	20	20									
44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SO YD	596	596									

* SPECIALTY ITEMS

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -			674	410, 410-1-I	ST. CLAIR	41	3	
PLOT SCALE = #SCALE#		CHECKED -	REVISED -			SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 76B14			
PLOT DATE = #DATE#		DATE -	REVISED -			FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		100% STATE 1000	100% STATE Y031-1F	-----	CODE NO	ITEM	UNIT		-----	-----	-----
*81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	70		70								
*81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1		1								
*87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	370		370								
*87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	300		300								
*88500100	INDUCTIVE LOOP DETECTOR	EACH	1		1								
*88600100	DETECTOR LOOP, TYPE I	FOOT	334		334								
*89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	825		825								
*89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	5291		5291								
*89502380	REMOVE EXISTING HANDHOLE	EACH	2		2								
X4400100	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	SQ YD	1158	1158									
X4421000	PARTIAL DEPTH PATCHING	TON	129	129									
X4422030	PARTIAL DEPTH REMOVAL 3"	SQ YD	765	765									
X6063600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	308	308									
25100630	EROSION CONTROL BLANKET	SQ YD	4081	4081									
28000300	TEMPORARY DITCH CHECKS	EACH	7	7									
28000400	PERIMETER EROSION BARRIER	FOOT	4119	4119									
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	6675	6675									

* SPECIALTY ITEMS

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. 674	SECTION 410, 410-1-I	COUNTY ST. CLAIR	TOTAL SHEETS 41	SHEET NO. 3A
#FILE#		DRAWN -	REVISED -							
		CHECKED -	REVISED -							
		DATE -	REVISED -							
					SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 76814		
								FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT		

Rev.

EARTHWORK SCHEDULE - IL158									
LOCATION				EARTH EXCAVATION	EMBANKMENT REQUIRED	EARTH EXCAVATION AVAILABLE (25% SHRINKAGE)	FURNISHED EXCAVATION	LIME	PROCESSING MODIFIED SOIL 12"
STATION	TO	STATION	* LT/RT	CU YD	CU YD	CU YD	CU YD	TON	SQ YD
IL 158 @ WHERRY ROAD									
198+40 NB	TO	204+60 NB	RT	246.0	22.0	184.5	-162.5	18.0	936.3
PROFILE CORRECTIONS - IL 158									
288+20 NB	TO	297+26 NB	LT		201.3		201.3		
288+20 NB	TO	297+26 NB	RT		423.5		423.5		
289+10 SB	TO	297+33 SB	LT		744.7		744.7		
289+10 SB	TO	297+33 SB	RT		440.0		440.0		
BRIDGE OMISSION									
299+95 SB	TO	307+00 SB	LT		139.7		139.7		
299+95 SB	TO	307+00 SB	RT		119.9		119.9		
300+14 NB	TO	306+75 NB	LT		143.0		143.0		
300+14 NB	TO	306+75 NB	RT		86.9		86.9		
TOTALS				246.0	2,321.0	184.5	2,136.5	18.0	936.3
TOTALS (ROUNDED FOR SUMMARY)				246			2,137	19	937

* ORIENTATION LOOKING UP STATION

FILE NAME = C3-9.SCHEDULES_IL158.dgn	USER NAME = awoiz	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EARTHWORK SCHEDULE - IL 158 & SIDE ROADS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - EDW	REVISED -			674	410, 410-1-1	ST. CLAIR	41	4	
		CHECKED - SAR	REVISED -			CONTRACT NO. 76B14					
		DATE - 01/30/08	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.				

PATCHING SCHEDULE - IL 158

LOCATION		NB/SB	LENGTH FOOT	WIDTH FOOT	PARTIAL DEPTH REMOVAL 3" SQ YD	PARTIAL DEPTH PATCHING TON	CLASS B PATCHES		
STATION							TYPE II, 8 INCH SQ YD	TYPE III, 8 INCH SQ YD	TYPE IV, 8 INCH SQ YD
NORTH BOUND									
205+00		NB	240.0	2.0	53.3	9.0			
205+00		NB	80.0	2.0	17.8	3.0			
212+50		NB	150.0	2.0	33.3	5.6			
220+00		NB	15.0	6.0			10.0		
237+50		NB	20.0	2.0	4.4	0.7			
242+52		NB	50.0	2.0	11.1	1.9			
254+00		NB	400.0	2.0	88.9	14.9			
254+00		NB	50.0	2.0	11.1	1.9			
254+00		NB	50.0	2.0	11.1	1.9			
254+00		NB	50.0	2.0	11.1	1.9			
266+00		NB	10.0	6.0			6.7		
268+50		NB	50.0	2.0	11.1	1.9			
287+50		NB	20.0	12.0					26.7
287+50		NB	20.0	12.0	26.7	4.5			
300+00		NB	150.0	2.0	33.3	5.6			
301+00		NB	100.0	2.0	22.2	3.7			
303+00		NB	50.0	2.0	11.1	1.9			
303+50		NB	25.0	2.0	5.6	0.9			
315+00		NB	150.0	2.0	33.3	5.6			
320+00		NB	40.0	2.0	8.9	1.5			
322+50		NB	52.0	2.0	11.6	1.9			
350+00		NB	125.0	2.0	27.8	4.7			
350+00		NB	10.0	2.0	2.2	0.4			
350+00		NB	20.0	2.0	4.4	0.7			
350+00		NB	110.0	2.0	24.4	4.1			
350+35		NB	25.0	12.0					33.3
350+83		NB	45.0	2.0	10.0	1.7			
275+54		NB	20.0	2.0	4.4	0.7			
SOUTH BOUND									
179+00		SB	30.0	12.0					40.0
179+00		SB	30.0	12.0					40.0
179+00		SB	15.0	2.0	3.3	0.6			
179+00		SB	20.0	12.0					26.7
187+00		SB	10.0	12.0			13.3		
187+00		SB	200.0	2.0	44.4	7.5			
197+00		SB	10.0	12.0			13.3		
197+00		SB	10.0	12.0			13.3		
198+00		SB	25.0	6.0				16.7	
198+00		SB	6.0	12.0			8.0		
198+00		SB	10.0	12.0			13.3		
205+00		SB	40.0	6.0					26.7
205+00		SB	20.0	2.0	4.4	0.7			
205+00		SB	200.0	2.0	44.4	7.5			
246+00		SB	40.0	12.0					53.3
246+00		SB	40.0	12.0					53.3
246+00		SB	30.0	12.0					40.0
251+50		SB	40.0	40.0					177.8
251+50		SB	10.0	12.0			13.3		
251+50		SB	400.0	2.0	88.9	14.9			
15% CONTINGENCY									
					99.7	16.8	13.7	2.5	77.7
TOTALS (ROUNDED FOR SUMMARY)					765	129	106	20	596

CURB & GUTTER SCHEDULE - IL158

LOCATION	STATION	TO	STATION	SB/NB	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE MEDIAN SURFACE REMOVAL	COMBINATION CONCRETE CURB AND GUTTER, TYPE M (SPECIAL) (ABUTTING EXISTING PAVEMENT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4,24	CONCRETE MEDIAN SURFACE, 4 INCH
					FOOT	SQ FT	FOOT	FOOT	SQ FT
IL 158 @ WHERRY ROAD									
197+00±		TO	197+20±	SB	20.0		20.0		
198+60		TO	201+24	NB	337.0	622.3		308.0	108.3
TOTALS					357.0	622.3	20.0	308.0	108.3
TOTALS (ROUNDED FOR SUMMARY)					357	623	20	308	109

* SEE DETECTOR LOOP REPLACEMENT SHEET FOR ADDITIONAL QUANTITY

SURFACE REMOVAL SCHEDULE - IL 158

LOCATION				HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VARIABLE DEPTH)	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	PAVED SHOULDER REMOVAL	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP
STATION	TO	STATION	SB/NB	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
IL 158 @ WHERRY ROAD										
188+79	TO	189+29	SB/NB					266.2	178.3	44.4
189+29	TO	206+26	SB/NB				232.0		330.5	262.3
206+26	TO	206+76	SB/NB					270.3	176.4	44.4
IL 158 @ SIEBERT ROAD										
237+70	TO	238+20	SB/NB					268.3	174.0	44.4
238+20	TO	253+83	SB/NB						387.5	302.6
253+83	TO	254+33	SB/NB					268.1	178.1	44.4
PROFILE CORRECTIONS - IL 158										
288+20	TO	288+50	NB					80.6	52.3	22.2
288+50	TO	296+96	NB		266.7	453.3				
296+96	TO	297+26	NB						136.6	22.2
289+10	TO	289+40	SB					80.5	51.8	22.2
289+40	TO	297+03	SB		77.3	51.6				
297+03	TO	297+33	SB						135.2	22.2
BRIDGE OMISSION										
299+95	TO	300+25	SB						133.0	22.2
300+25	TO	306+70	SB		82.7	95.1				
306+70	TO	307+00	SB					80.4	53.2	22.2
300+14	TO	300+44	NB						135.3	22.2
300+44	TO	306+45	NB		88.0	703.1				
306+45	TO	306+75	NB					80.1	53.7	22.2
333+25	TO	333+55	NB					59.8	71.6	22.2
333+55	TO	342+00	NB		642.7	3,112.9				
336+48	TO	336+78	SB					79.9	53.1	22.2
336+78	TO	339+09	SB			1,028.1				
IL 158 @ IL 161										
339+09	TO	342+00	SB							
342+00	TO	350+30	SB/NB							
350+30	TO	350+80	SB/NB					566.6	197.4	78.0
WHERRY ROAD										
1182+50	TO	1191+10		5,453.8						94.0
1191+10	TO	1191+40							106.0	17.8
SIEBERT ROAD										
1106+50	TO	1106+80							119.0	20.0
1106+80	TO	1114+70		5,378.9						74.3
TOTALS				10,832.7	1,157.3	5,444.1	232.0	2,100.7	2,725.1	1,248.9
TOTALS (ROUNDED FOR SUMMARY)				10,833	1,158	5,445	232	2,101	2,726	1,249

RESURFACING SCHEDULE - IL158												
LOCATION				BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER (MACHINE METHOD), (N70)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	HOT-MIX ASPHALT SURFACE COURSE, MIX O, (N70)	AGGREGATE BASE COURSE, TYPE A 4"	PORTLAND CEMENT CONCRETE BASE COURSE 8"	HOT-MIX ASPHALT SHOULDERS, 8"	AGGREGATE WEDGE SHOULDER, TYPE B
STATION	TO	STATION	SB/NB	TON	TON	TON	TON	TON	SQ YD	SQ YD	SQ YD	TON
IL 158 @ WHERRY ROAD												
188+79	TO	189+29	SB/NB	0.14	0.67			49.8				3.2
189+29	TO	206+26	SB/NB	11.77	56.42	1,042.0		1,602.1	936.3	615.0	155.7	140.7
206+26	TO	206+76	SB/NB	0.14	0.67			49.8				3.2
IL 158 @ SIEBERT ROAD												
237+70	TO	238+20	SB/NB	0.14	0.67			49.8				3.2
238+20	TO	253+83	SB/NB	11.02	52.84	973.5		1,504.9				145.8
253+83	TO	254+33	SB/NB	0.14	0.67			49.8				3.2
PROFILE CORRECTIONS - IL 158												
288+20	TO	288+50	NB	0.04	0.20			14.0				
288+50	TO	296+96	NB	2.35	11.28		1,479.9	316.6				
296+96	TO	297+26	NB	0.04	0.20			14.3				
289+10	TO	289+40	SB	0.04	0.20			13.9				
289+40	TO	297+03	SB	2.12	10.14		2,868.2	284.0				
297+03	TO	297+33	SB	0.04	0.20			14.2				
BRIDGE OMISSION												
299+95	TO	300+25	SB	0.04	0.20			14.0				
300+25	TO	306+70	SB	1.79	8.57		1,320.3	239.9				
306+70	TO	307+00	SB	0.04	0.20			14.0				
300+14	TO	300+44	NB	0.04	0.20			14.2				
300+44	TO	306+45	NB	1.67	8.00		1,006.1	224.1				
306+45	TO	306+75	NB	0.04	0.20			14.0				
333+25	TO	333+55	NB	0.04	0.20			13.8				1.0
333+55	TO	342+00	NB	2.35	11.27	344.3		317.9				53.5
336+48	TO	336+78	SB	0.04	0.20			14.0				1.0
336+78	TO	339+09	SB	0.64	3.08	75.7		86.4				14.6
IL 158 @ IL 161												
339+09	TO	342+00	SB	0.80	3.83	71.5		107.2				18.3
342+00	TO	350+30	SB/NB	5.41	25.93	483.9		725.9				91.5
350+30	TO	350+80	SB/NB	0.25	1.18			88.3				1.7
WHERRY ROAD												
1182+50	TO	1191+10		3.20	15.35	258.3		458.1				37.2
1191+10	TO	1191+40		0.03	0.16			11.1				0.3
SIEBERT ROAD												
1106+50	TO	1106+80		0.04	0.18			12.4				0.3
1106+80	TO	1114+70		3.22	15.43	250.8		451.8				32.5
TOTALS				47.63	228.32	3,499.9	6,674.5	6,770.2	936.3	615.0	155.7	551.1
TOTALS (ROUNDED FOR SUMMARY)				47.6	228.3	3,500	6,675	6,771	937	615	156	552

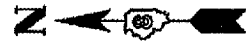
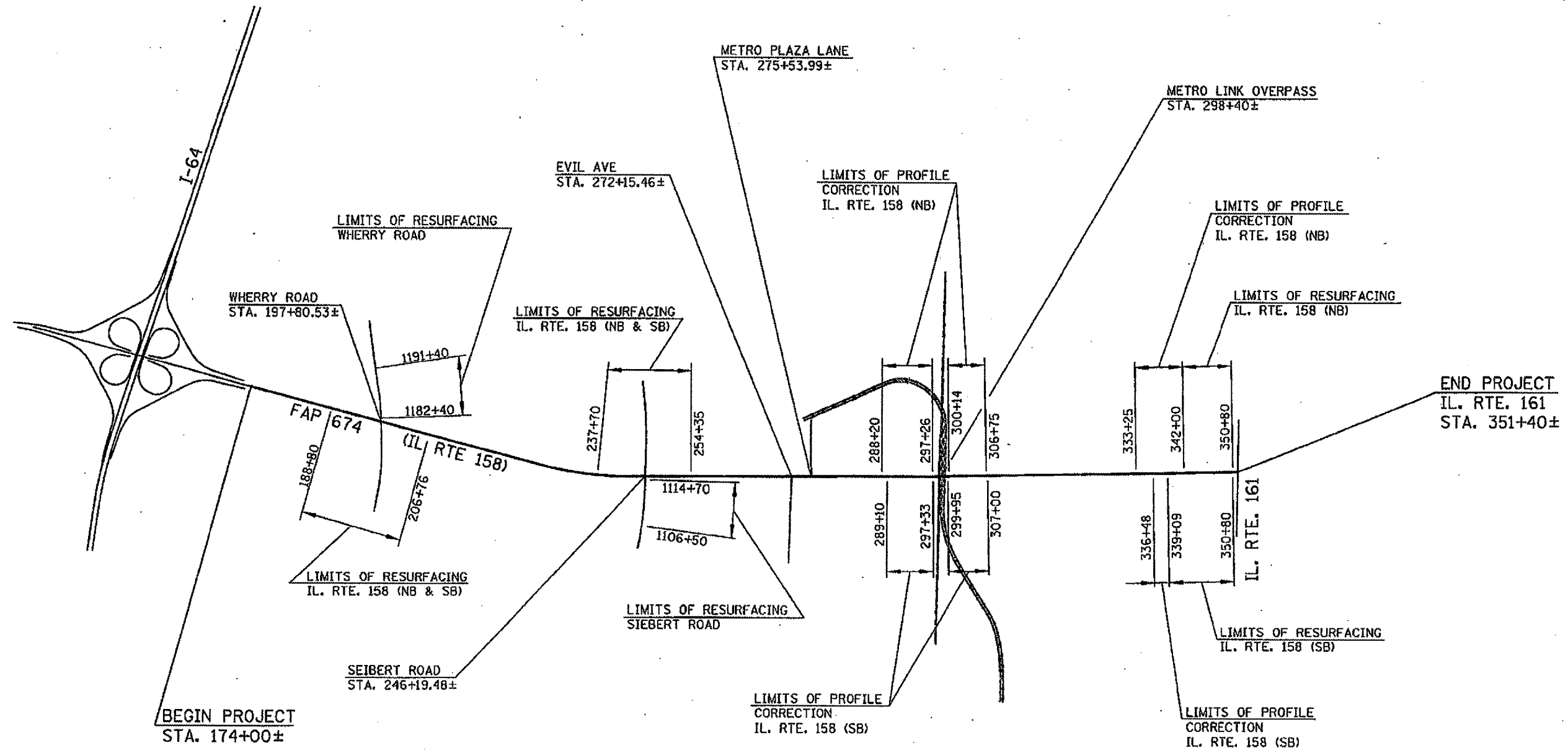
GUARDRAIL SCHEDULE - IL158						
LOCATION				REMOVE AND RE-ERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 1	REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 2
STATION	TO	STATION	SB/NB	FOOT	EACH	EACH
PROFILE CORRECTIONS - IL 158						
295+40	TO	397+26	NB	136		1
294+97	TO	297+33	SB	251	1	
BRIDGE OMISSION						
299+95	TO	307+00	SB	645		1
300+14	TO	309+75	NB	710		
TOTALS				1,742	1	2

SEEDING SCHEDULE - IL158													
LOCATION				TEMPORARY EROSION CONTROL SEEDING	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	MULCH, METHOD 2	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	EROSION CONTROL BLANKET	MULCH, METHOD 2
STATION	TO	STATION	*LT/RT	LB	EACH	FOOT	ACRE	ACRES	LB	LB	LB	SQ YD	ACRE
IL 158 @ WHERRY ROAD													
198+40 NB	TO	204+60 NB		12.4	2	517	0.12	0.12	11.2	11.2	11.2		0.12
PROFILE CORRECTIONS - IL 158													
288+20 NB	TO	297+26 NB	LT	34.6		1068	0.35	0.35	31.1	31.1	31.1	1070	0.12
288+20 NB	TO	297+26 NB	RT	36.7	3		0.37	0.37	33.0	33.0	33.0		0.37
289+10 SB	TO	297+33 SB	LT	37.7	2		0.38	0.38	34.0	34.0	34.0		0.38
289+10 SB	TO	297+33 SB	RT	38.0		938	0.38	0.38	34.2	34.2	34.2	1289	0.11
BRIDGE OMISSION													
299+95 SB	TO	307+00 SB	LT	14.8			0.15	0.15	13.3	13.3	13.3		0.15
299+95 SB	TO	307+00 SB	RT	14.6		833	0.15	0.15	13.2	13.2	13.2	709	
300+14 NB	TO	306+75 NB	LT	20.9		763	0.21	0.21	18.8	18.8	18.8	1013	
300+14 NB	TO	306+75 NB	RT	12.7			0.13	0.13	11.5	11.5	11.5		0.13
TOTALS				222.5	7	4119	2.22	2.22	200.2	200.2	200.2	4081	1.38
TOTALS (ROUNDED FOR SUMMARY)				223	7	4119	3	3	201	201	201	4081	2

* ORIENTATION LOOKING UP STATION

PAVEMENT MARKING SCHEDULE - IL 158

LOCATION				THERMOPLASTIC PAVEMENT MARKING								SHORT-TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING - LINE 4"	TEMPORARY PAVEMENT MARKING - LINE 8"	TEMPORARY PAVEMENT MARKING - LINE 12"	TEMPORARY PAVEMENT MARKING - LINE 24"	WORK ZONE PAVEMENT MARKING REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER
				SOLID WHITE, 4"	SKIP-DASH WHITE, 4"	SOLID YELLOW, 4"	DOUBLE SOLID YELLOW, 4"	SOLID WHITE, 8"	SOLID WHITE, 12"	SOLID YELLOW, 12"	SOLID WHITE, 24"								
STATION	TO	STATION	SB/NB	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH	
IL 158 @ WHERRY ROAD																			
188+79	TO	197+80	SB/NB	1,826.5	426.5	1,970.0		646.5			38.8	500.2	4,223.0	646.5		38.8	2,081.7	110	92
197+80	TO	206+76	SB/NB	2,262.4	418.8	1,921.6		607.3			53.0	532.6	4,602.8	607.3		53.0	2,221.2	110	101
IL 158 @ SIEBERT ROAD																			
237+70	TO	246+20	SB/NB	1,955.8	397.3	1,898.1		593.7	55.3		46.9	494.8	4,251.2	593.7	55.3	46.9	2,125.5	108	89
246+20	TO	254+33	SB/NB	1,800.6	385.8	1,182.1		555.8	39.4		36.6	411.4	3,368.5	555.8	39.4	36.6	1,742.0	115	84
PROFILE CORRECTIONS - IL 158																			
288+20	TO	297+26	NB	906.0	226.5	906.0						247.1	2,038.5				761.1	12	12
289+10	TO	297+33	SB	823.0	205.8	823.0						224.5	1,851.8				691.4	11	11
BRIDGE OMISSION																			
299+95	TO	307+00	SB	705.0	176.3	705.0						192.3	1,586.3				592.2	9	9
300+14	TO	306+75	NB	661.0	165.3	661.0						180.3	1,487.3				555.3	9	9
IL 158 @ IL 161																			
333+25	TO	351+40	SB/NB	3,707.1	626.8	3,250.7		1,617.3	865.9		78.1	860.4	7,584.6	1,617.3	865.9	78.1	4,913.0	46	103
WHERRY ROAD																			
1182+00	TO	1191+40		2,220.3		692.7	2,085.6	238.2	180.3	126.1	54.3	359.6	4,998.6	238.2	306.4	54.3	2,358.2		14
SIEBERT ROAD																			
1106+50	TO	1114+75		1,768.3	204.3	925.2	1,085.8	233.2	165.0	43.8	55.9	368.5	3,983.6	233.2	208.8	55.9	1,925.4		17
SUBTOTALS				18,636.0	3,233.0	14,935.4	3,171.4	4,492.0	1,305.9	169.9	363.6	4,371.7	39,975.8	4,492.0	1,475.8	363.6	19,966.9	530	541
TOTALS (ROUNDED FOR SUMMARY)					39,976			4,492	1,476		364	4,372	39,976	4,492	1,476	364	19,967	530	541

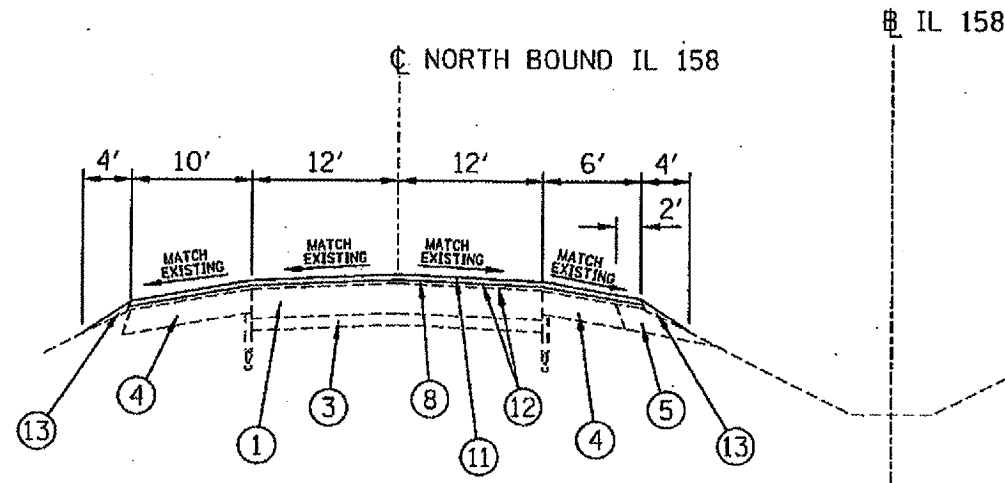


NOTE:
ALL STATIONING IS APPROXIMATE
AND ROUNDED TO THE NEAREST FOOT

FILE NAME = C:\S\SITE_IL158.dgn	USER NAME = awalz	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SITE PLAN			F.A.P. RTE. 674	SECTION 410, 410-1-1	COUNTY ST. CLAIR	TOTAL SHEETS 41	SHEET NO. 10
		DRAWN - EDW	REVISED -		SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 76B14				
		CHECKED - SAR	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 01/30/08	REVISED -									

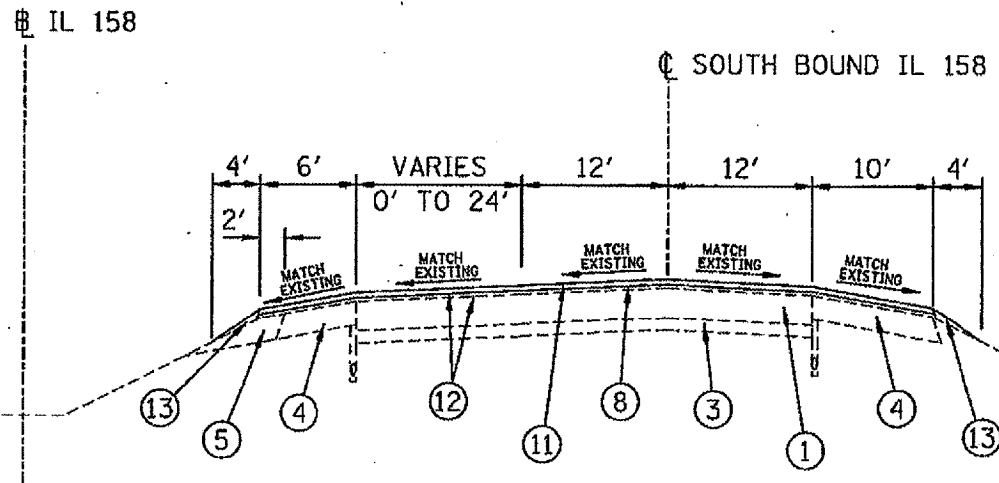
LEGEND

- ① EXISTING PCC PAVEMENT 8"
- ② EXISTING CURB & GUTTER
- ③ EXISTING GRANULAR SUBBASE, 4"
- ④ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- ⑤ EXISTING AGGREGATE SHOULDERS, 8"
- ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
- ⑦ SURFACE REMOVAL, VARIABLE DEPTH (HMA OR PCC)
- ⑧ LEVELING BINDER (MACHINE METHOD), (), 1"
- ⑨ LEVELING BINDER (MACHINE METHOD), (), 3/4"
- ⑩ LEVELING BINDER (MACHINE METHOD), (), VARIABLE DEPTH
- ⑪ HOT-MIX ASPHALT SURFACE COURSE, (), 1 1/2 "
- ⑫ BITUMINOUS MATERIALS AND AGGREGATE, (PRIME COAT)
- ⑬ AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑭ EARTH EXCAVATION
- ⑮ FURNISHED EXCAVATION
- ⑯ PORTLAND CEMENT CONCRETE BASE COURSE 8"
- ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ⑱ AGGREGATE BASE COURSE, TYPE A 4"
- ⑲ LIME MODIFIED SOIL 12"
- ⑳ HOT-MIX ASPHALT SHOULDERS 8"
- ㉑ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70



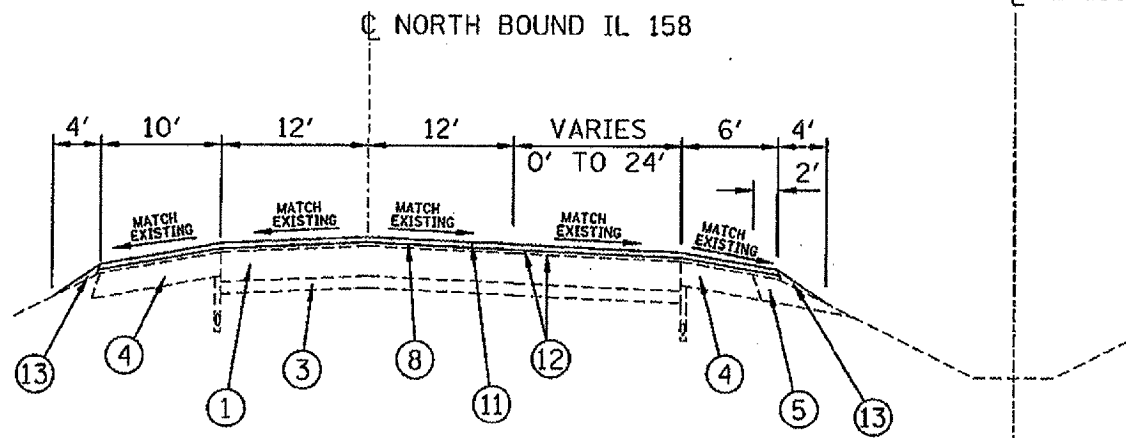
NORTH BOUND SECTION

STA. 189+30± TO STA. 194+27±
 STA. 238+20± TO STA. 243+00±
 STA. 342+00± TO STA. 348+20±



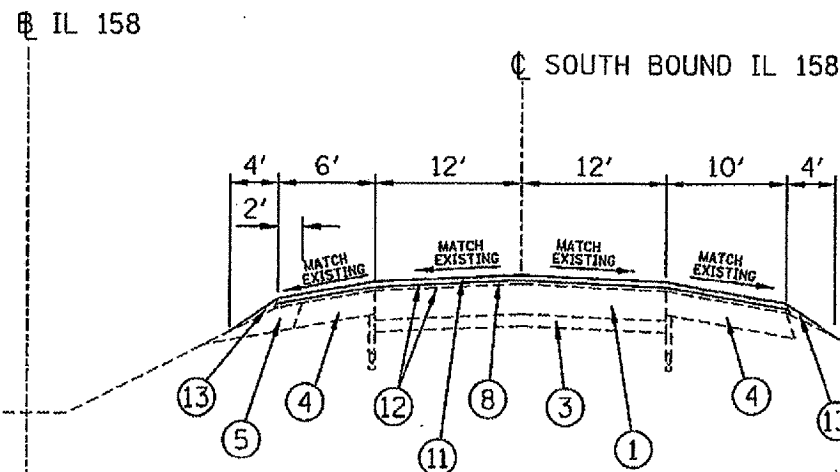
SOUTH BOUND SECTION

STA. 189+30± TO STA. 194+27±
 STA. 238+20± TO STA. 242+38±
 STA. 339+09± TO STA. 348+20±



NORTH BOUND SECTION

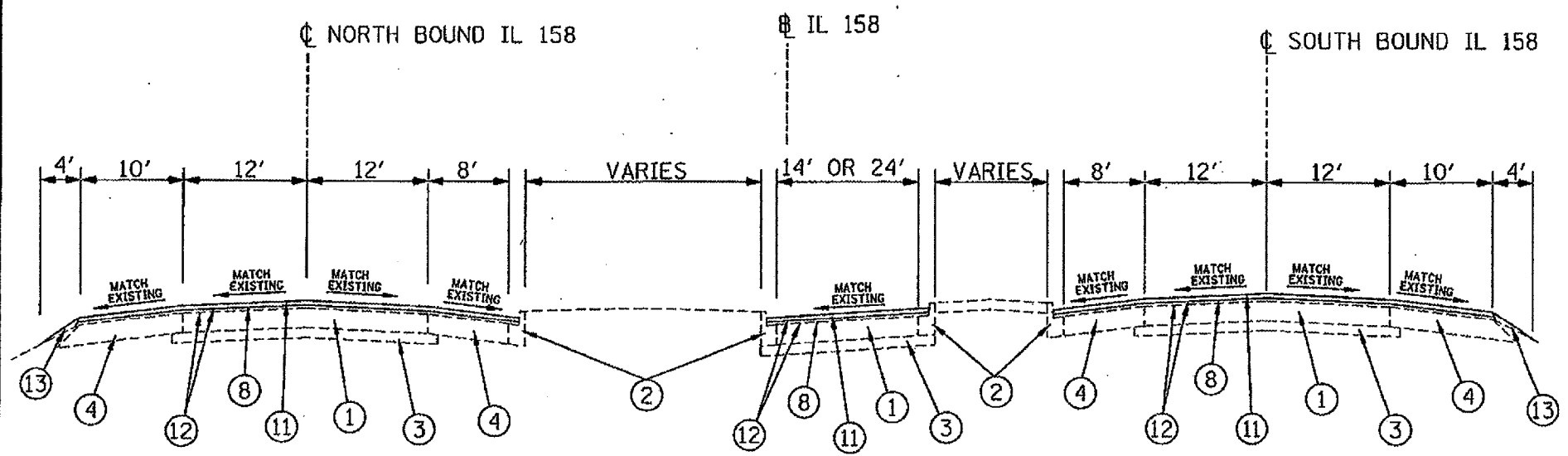
STA. 204+60± TO STA. 206+26±
 STA. 250+60± TO STA. 253+85±



SOUTH BOUND SECTION

STA. 204+60± TO STA. 206+26±
 STA. 248+50± TO STA. 253+85±

FILE NAME = C:\15_TYPSECT_IL158.dgn	USER NAME = owolz	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - IL RTE 158	F.A.P. RTE. 674	SECTION 410, 410-1-1	COUNTY ST. CLAIR	TOTAL SHEETS 41	SHEET NO. 11	
PLOT SCALE = 7.5:1	CHECKED - SAR	REVISIONS				CONTRACT NO. 76B14					
PLOT DATE = 3/12/2008	DATE - 01/30/08	REVISIONS				FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT					
						SCALE:		SHEET NO. OF SHEETS		STA. TO STA.	



NORTH BOUND SECTION

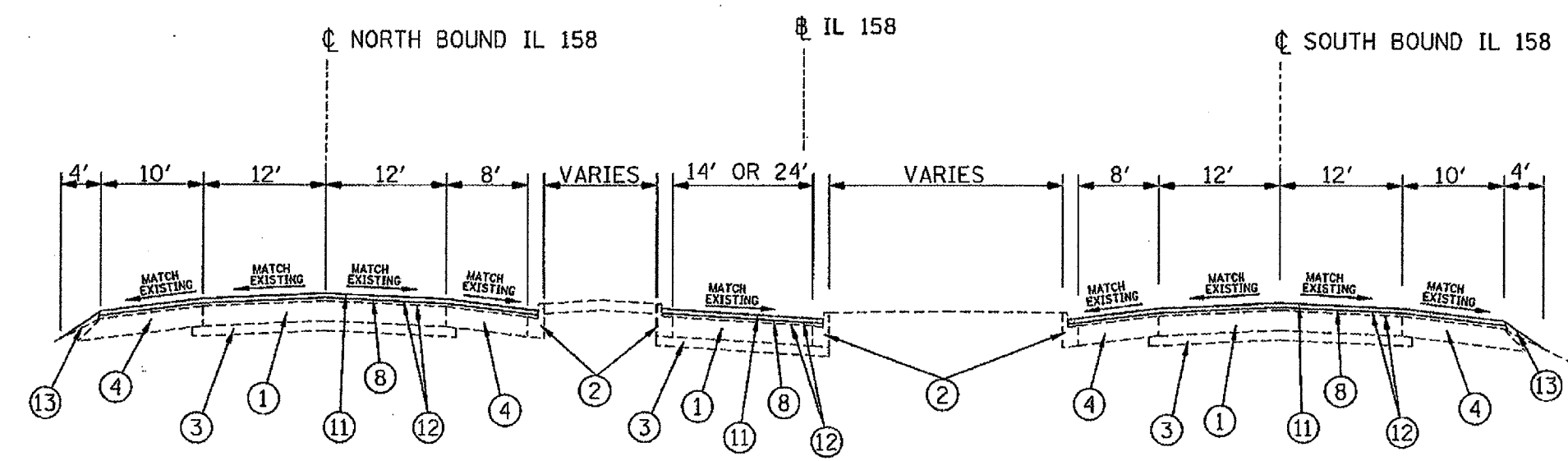
STA. 194+27± TO STA. 197+80±
 STA. 243+00± TO STA. 246+20±
 STA. 248+20± TO STA. 250+30±

SOUTH BOUND SECTION

STA. 194+27± TO STA. 197+80±
 STA. 242+38± TO STA. 246+20±
 STA. 248+20± TO STA. 250+30±

LEGEND

- ① EXISTING PCC PAVEMENT 8"
- ② EXISTING CURB & GUTTER
- ③ EXISTING GRANULAR SUBBASE, 4"
- ④ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- ⑤ EXISTING AGGREGATE SHOULDERS, 8"
- ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
- ⑦ SURFACE REMOVAL, VARIABLE DEPTH (HMA OR PCC)
- ⑧ LEVELING BINDER (MACHINE METHOD), (), 1"
- ⑨ LEVELING BINDER (MACHINE METHOD), (), 3/4"
- ⑩ LEVELING BINDER (MACHINE METHOD), (), VARIABLE DEPTH
- ⑪ HOT-MIX ASPHALT SURFACE COURSE, (), 1 1/2 "
- ⑫ BITUMINOUS MATERIALS AND AGGREGATE, (PRIME COAT)
- ⑬ AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑭ EARTH EXCAVATION
- ⑮ FURNISHED EXCAVATION
- ⑯ PORTLAND CEMENT CONCRETE BASE COURSE 8"
- ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ⑱ AGGREGATE BASE COURSE, TYPE A 4"
- ⑲ LIME MODIFIED SOIL 12"
- ⑳ HOT-MIX ASPHALT SHOULDERS 8"
- ㉑ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70



NORTH BOUND SECTION

STA. 246+20± TO STA. 250+60±

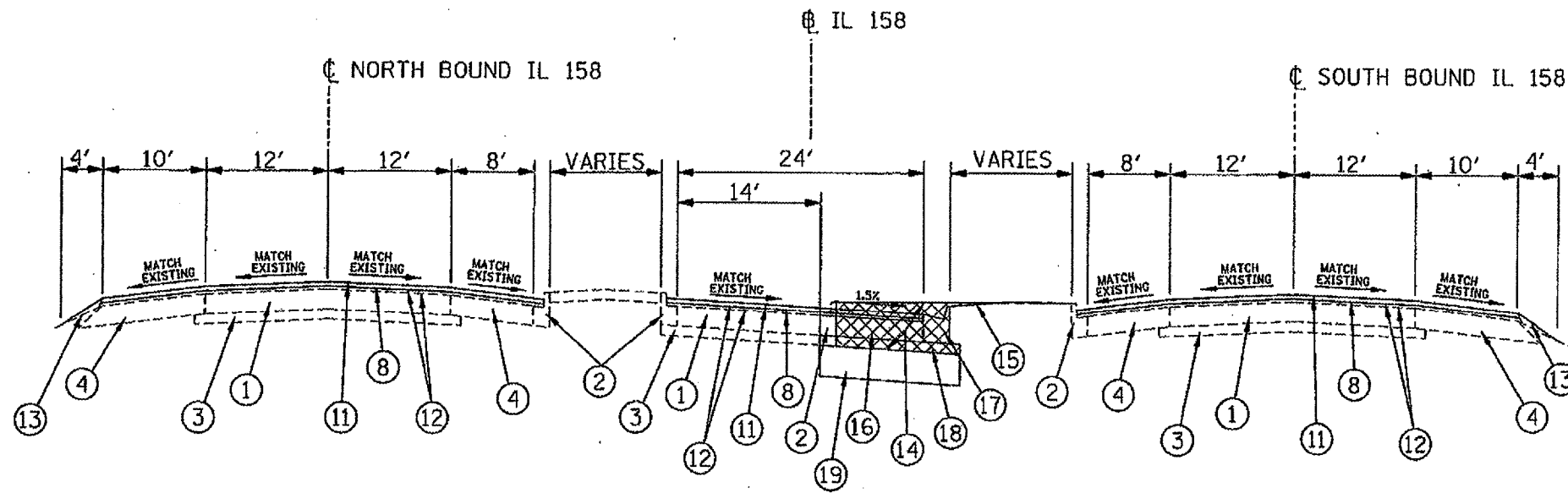
SOUTH BOUND SECTION

STA. 246+20± TO STA. 248+50±

FILE NAME = C11-15_TYPSECT_IL158.dgn	USER NAME = ewalz	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - IL RTE 158		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		DRAWN - EDW	REVISED -		SCALE: NONE	SHEET NO.	OF SHEETS	STA.	TO STA.	674	410, 410-1-1	ST. CLAIR	41	12
		CHECKED - SAR	REVISED -											
		DATE - 01/30/08	REVISED -											
							CONTRACT NO. 76814		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					

LEGEND

- ① EXISTING PCC PAVEMENT 8"
- ② EXISTING CURB & GUTTER
- ③ EXISTING GRANULAR SUBBASE, 4"
- ④ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- ⑤ EXISTING AGGREGATE SHOULDERS, 8"
- ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
- ⑦ SURFACE REMOVAL, VARIABLE DEPTH (HMA OR PCC)
- ⑧ LEVELING BINDER (MACHINE METHOD), (), 1"
- ⑨ LEVELING BINDER (MACHINE METHOD), (), 3/4"
- ⑩ LEVELING BINDER (MACHINE METHOD), (), VARIABLE DEPTH
- ⑪ HOT-MIX ASPHALT SURFACE COURSE, (), 1 1/2 "
- ⑫ BITUMINOUS MATERIALS AND AGGREGATE, (PRIME COAT)
- ⑬ AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑭ EARTH EXCAVATION
- ⑮ FURNISHED EXCAVATION
- ⑯ PORTLAND CEMENT CONCRETE BASE COURSE 8"
- ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ⑱ AGGREGATE BASE COURSE, TYPE A 4"
- ⑲ LIME MODIFIED SOIL 12"
- ⑳ HOT-MIX ASPHALT SHOULDERS 8"
- ㉑ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70

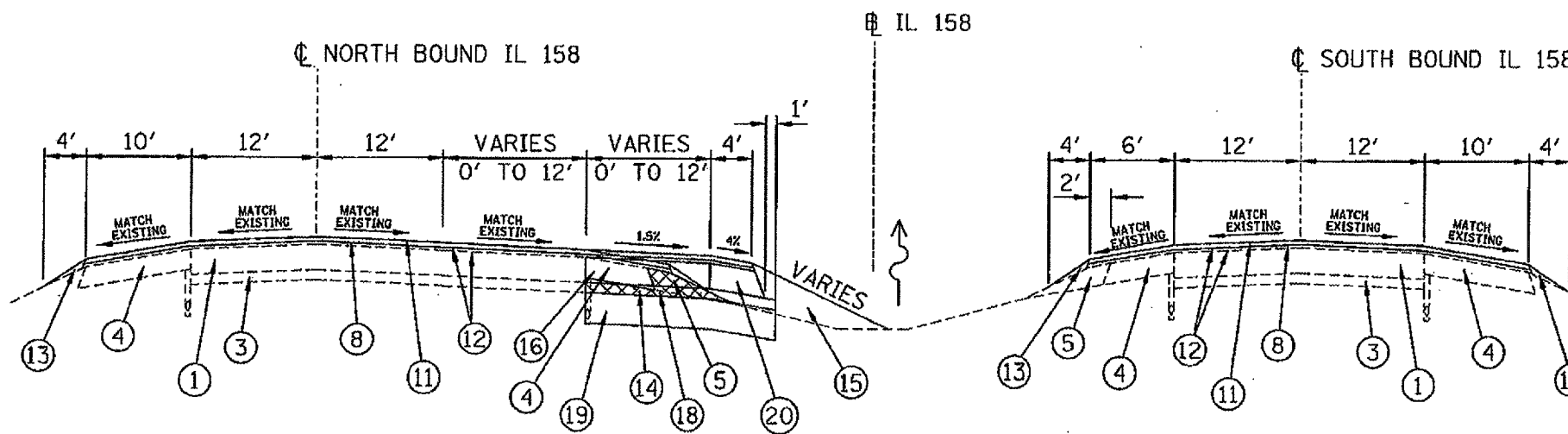


NORTH BOUND SECTION

STA. 197+80± TO STA. 201+25±

SOUTH BOUND SECTION

STA. 197+80± TO STA. 201+25±



NORTH BOUND SECTION

STA. 201+25± TO STA. 204+60±

SOUTH BOUND SECTION

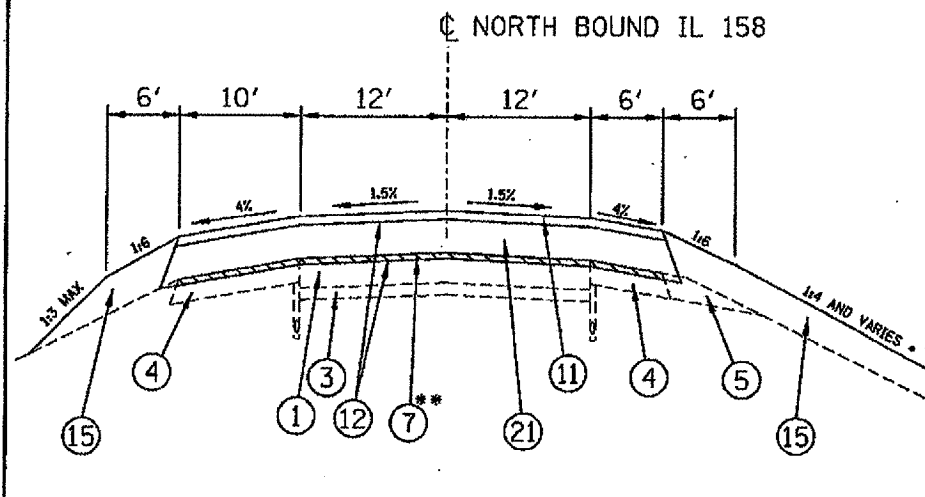
STA. 201+25± TO STA. 204+60±

FILE NAME = C11-15.TYPSECT.IL158.dgn	USER NAME = avelz	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - IL RTE 158	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - EDW	REVISED -			674	410, 410-1-1	ST. CLAIR	41	13	
		CHECKED - SAR	REVISED -			CONTRACT NO. T6B14					
		DATE - 01/30/08	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: NONE		SHEET NO. OF SHEETS		STA. TO STA.			

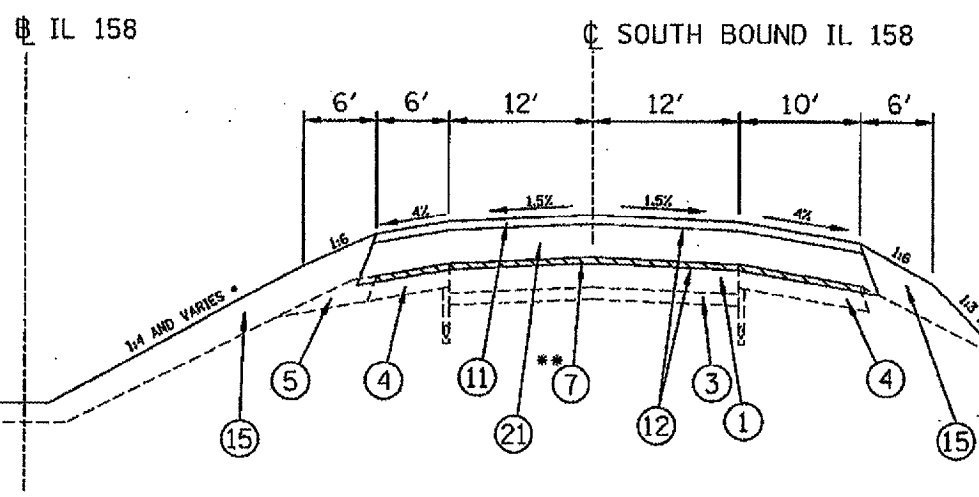
LEGEND

- ① EXISTING PCC PAVEMENT 8"
- ② EXISTING CURB & GUTTER
- ③ EXISTING GRANULAR SUBBASE, 4"
- ④ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- ⑤ EXISTING AGGREGATE SHOULDERS, 8"
- ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
- ⑦ SURFACE REMOVAL, VARIABLE DEPTH (HMA OR PCC)
- ⑧ LEVELING BINDER (MACHINE METHOD), (), 1"
- ⑨ LEVELING BINDER (MACHINE METHOD), (), 3/4"
- ⑩ LEVELING BINDER (MACHINE METHOD), (), VARIABLE DEPTH
- ⑪ HOT-MIX ASPHALT SURFACE COURSE, (), 1 1/2 "
- ⑫ BITUMINOUS MATERIALS AND AGGREGATE, (PRIME COAT)
- ⑬ AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑭ EARTH EXCAVATION
- ⑮ FURNISHED EXCAVATION
- ⑯ PORTLAND CEMENT CONCRETE BASE COURSE 8"
- ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ⑱ AGGREGATE BASE COURSE, TYPE A 4"
- ⑲ LIME MODIFIED SOIL 12"
- ⑳ HOT-MIX ASPHALT SHOULDERS 8"
- ㉑ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70

** SEE PROFILES FOR LIMITS OF SURFACE REMOVAL

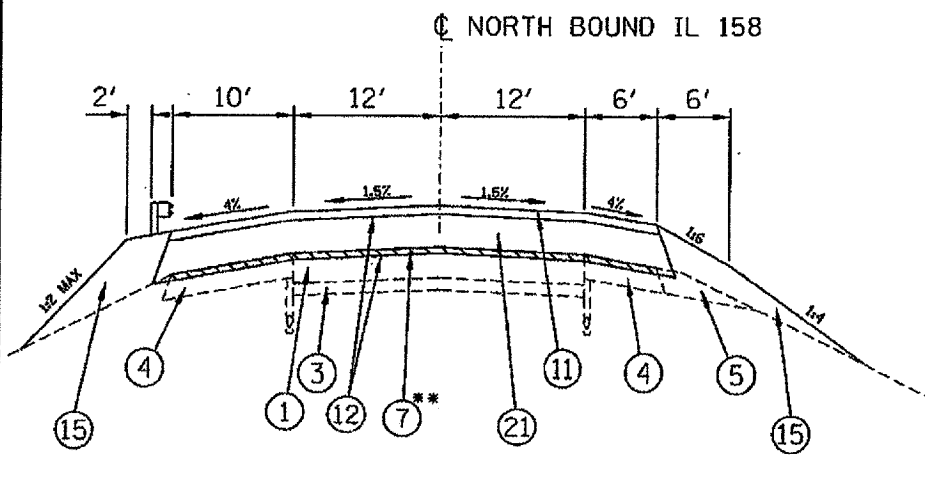


NORTH BOUND SECTION
STA. 288+20± TO STA. 297+26±

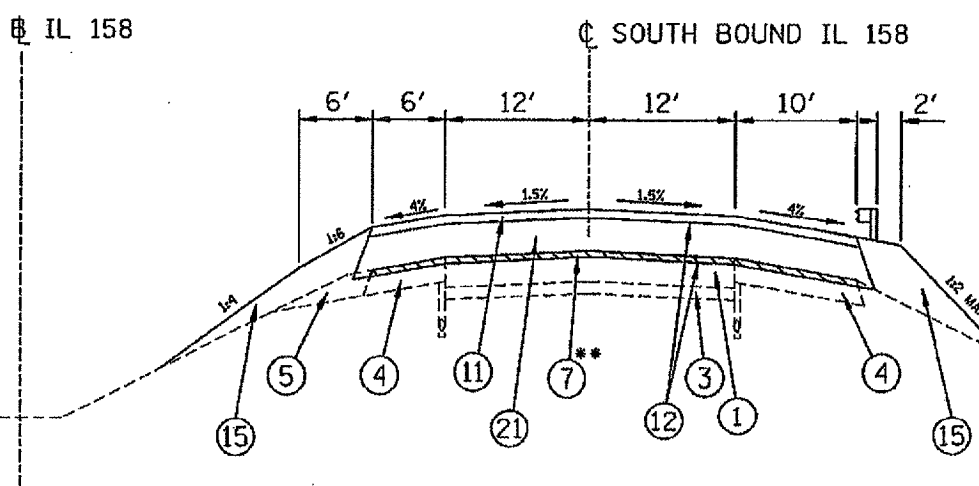


SOUTH BOUND SECTION
STA. 289+10± TO STA. 297+33±

* SEE DITCH PROFILE
STA. 290+00± TO STA. 293+50±



NORTH BOUND SECTION
STA. 300+14± TO STA. 306+75±



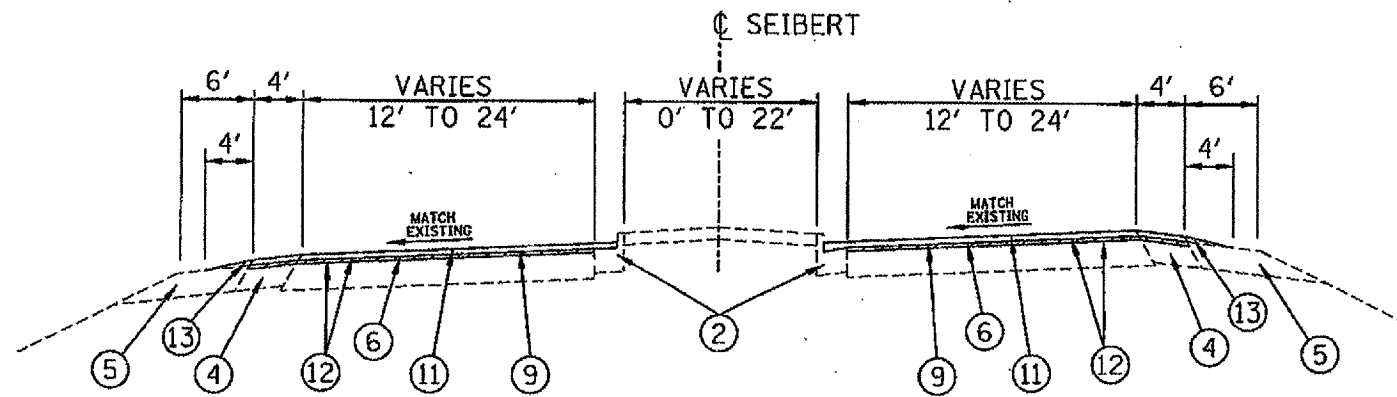
SOUTH BOUND SECTION
STA. 299+95± TO STA. 307+00±

FILE NAME - C11-15.TYPSECT_IL158.dgn	USER NAME - ovela	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - IL RTE 158			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EDW	REVISED -		674	410, 410-1-1	ST. CLAIR	41	14			
		CHECKED - SAR	REVISED -		CONTRACT NO. 76B14							
		DATE - 01/30/08	REVISED -		SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

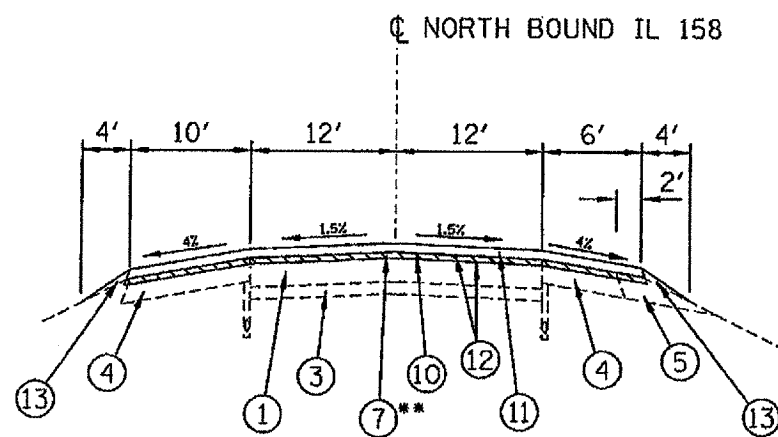
LEGEND

- ① EXISTING PCC PAVEMENT 8"
- ② EXISTING CURB & GUTTER
- ③ EXISTING GRANULAR SUBBASE, 4"
- ④ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- ⑤ EXISTING AGGREGATE SHOULDERS, 8"
- ⑥ HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
- ⑦ SURFACE REMOVAL, VARIABLE DEPTH (HMA OR PCC)
- ⑧ LEVELING BINDER (MACHINE METHOD), (), 1"
- ⑨ LEVELING BINDER (MACHINE METHOD), (), 3/4"
- ⑩ LEVELING BINDER (MACHINE METHOD), (), VARIABLE DEPTH
- ⑪ HOT-MIX ASPHALT SURFACE COURSE, (), 1 1/2 "
- ⑫ BITUMINOUS MATERIALS AND AGGREGATE, (PRIME COAT)
- ⑬ AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑭ EARTH EXCAVATION
- ⑮ FURNISHED EXCAVATION
- ⑯ PORTLAND CEMENT CONCRETE BASE COURSE 8"
- ⑰ COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- ⑱ AGGREGATE BASE COURSE, TYPE A 4"
- ⑲ LIME MODIFIED SOIL 12"
- ⑳ HOT-MIX ASPHALT SHOULDERS 8"
- ㉑ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70

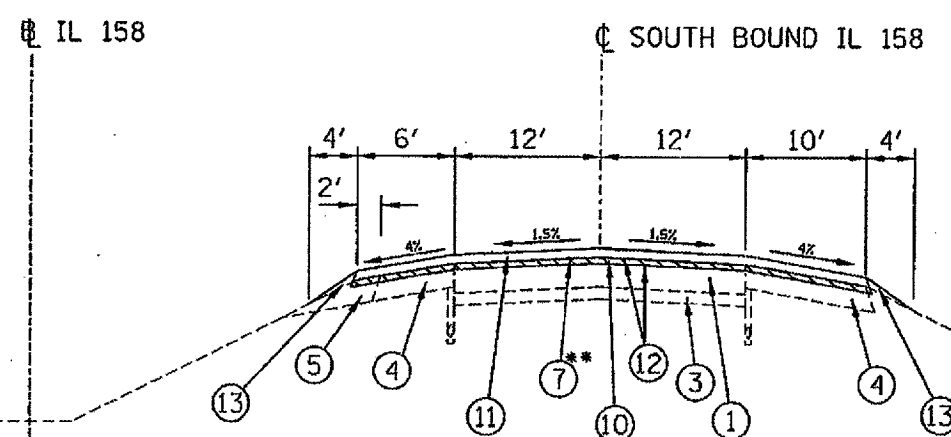
** SEE PROFILES FOR LIMITS OF SURFACE REMOVAL



SIDE ROAD SECTION
STA. 1106+80 TO STA. 1114+70

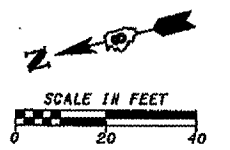
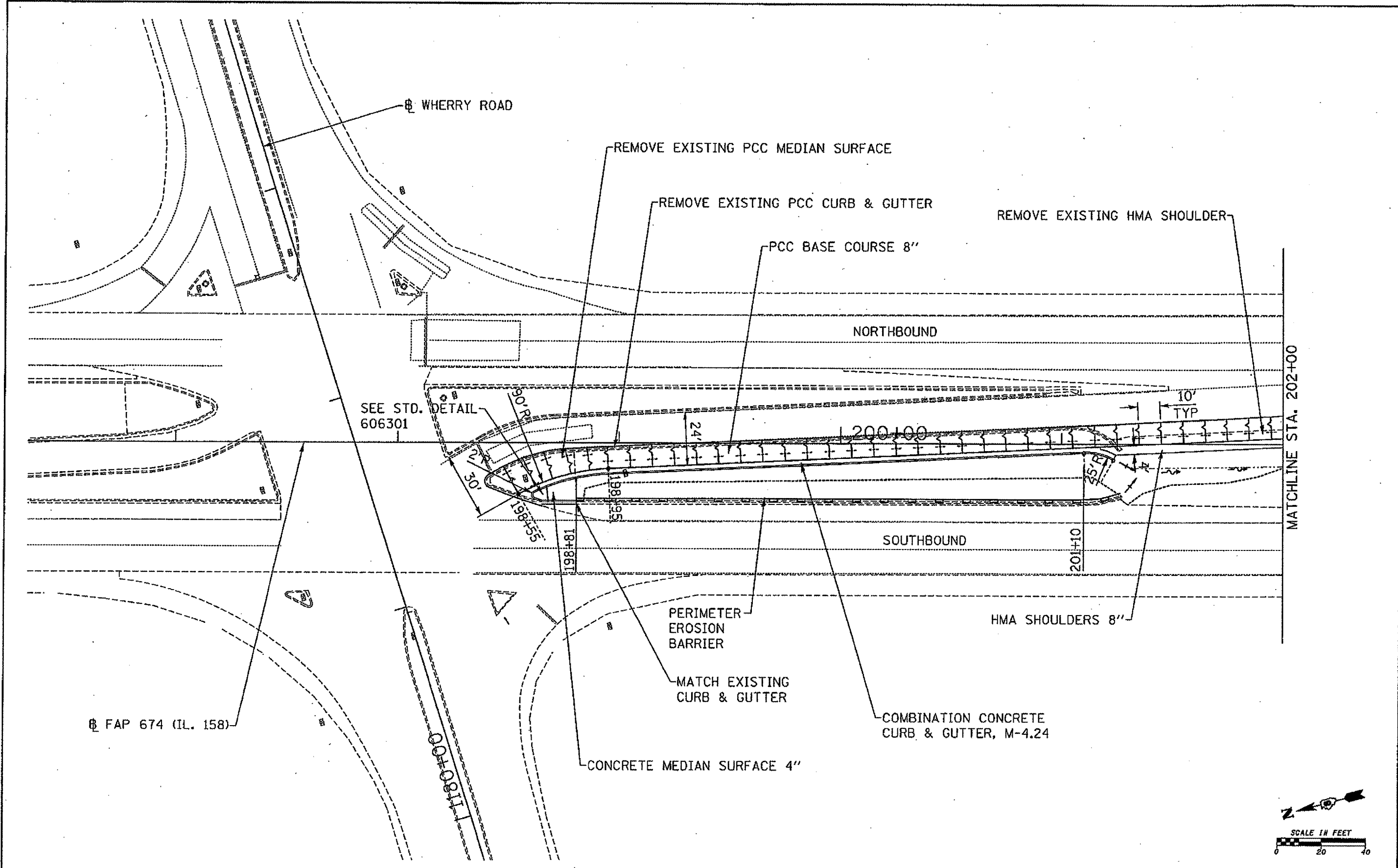


NORTH BOUND SECTION
STA. 333+55± TO STA. 342+00±

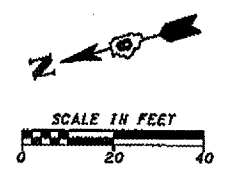
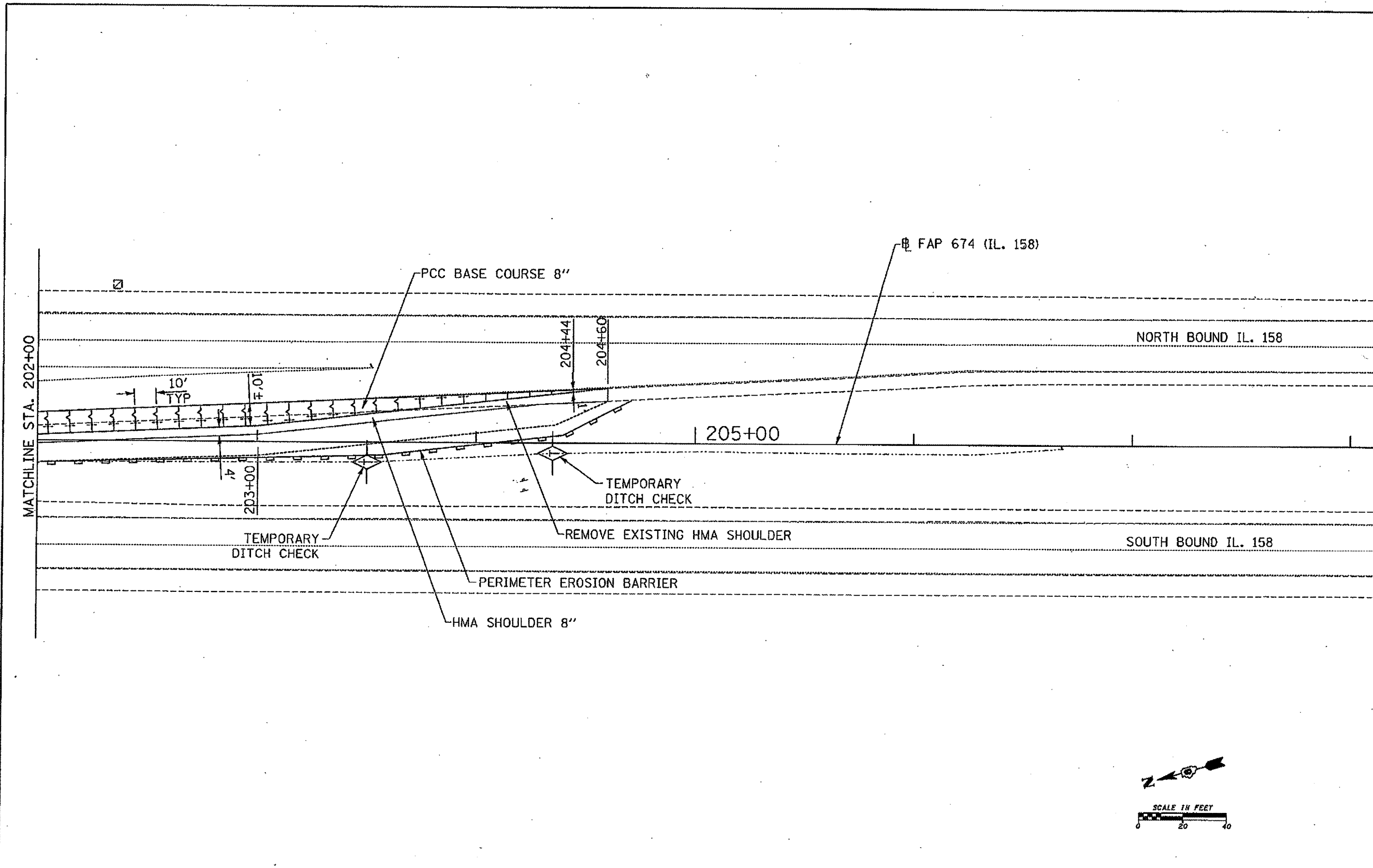


SOUTH BOUND SECTION
STA. 336+78± TO STA. 339+09±

FILE NAME = C11-15.TYPSECT.IL158.dgn	USER NAME = nualz	DESIGNED - OHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS -- SEIBERT ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EDW	REVISED -		674	410, 410-1-1	ST. CLAIR	41	15			
		CHECKED - SAR	REVISED -					CONTRACT NO. 76B14				
		DATE - 01/30/08	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	



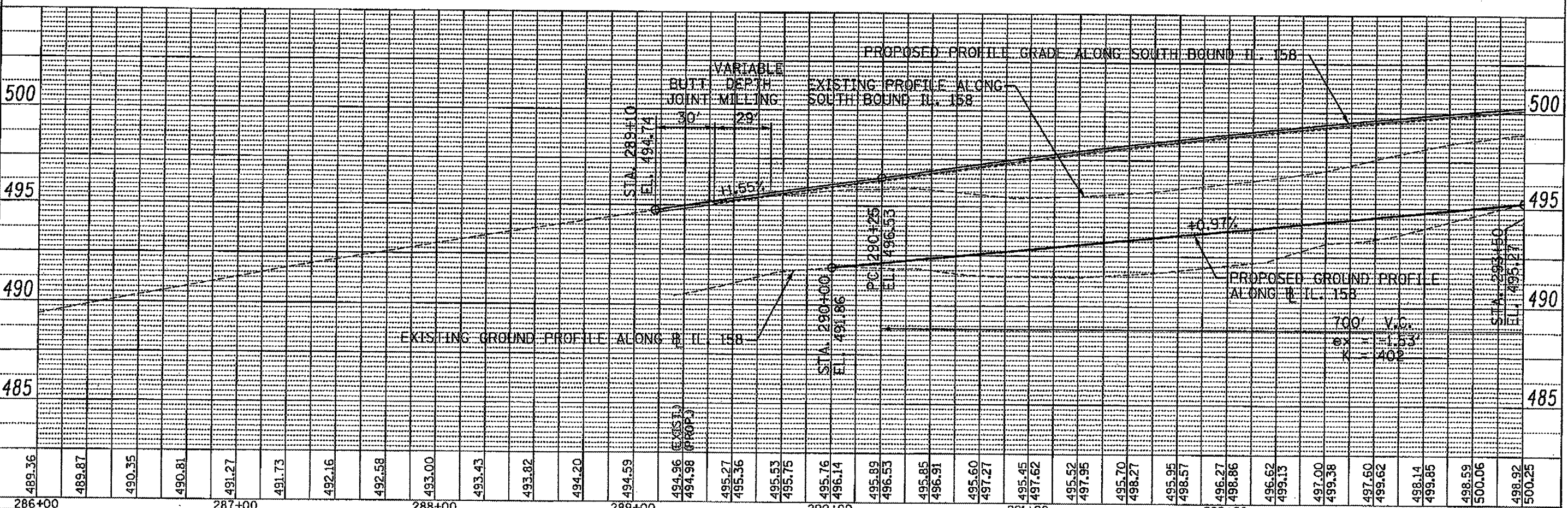
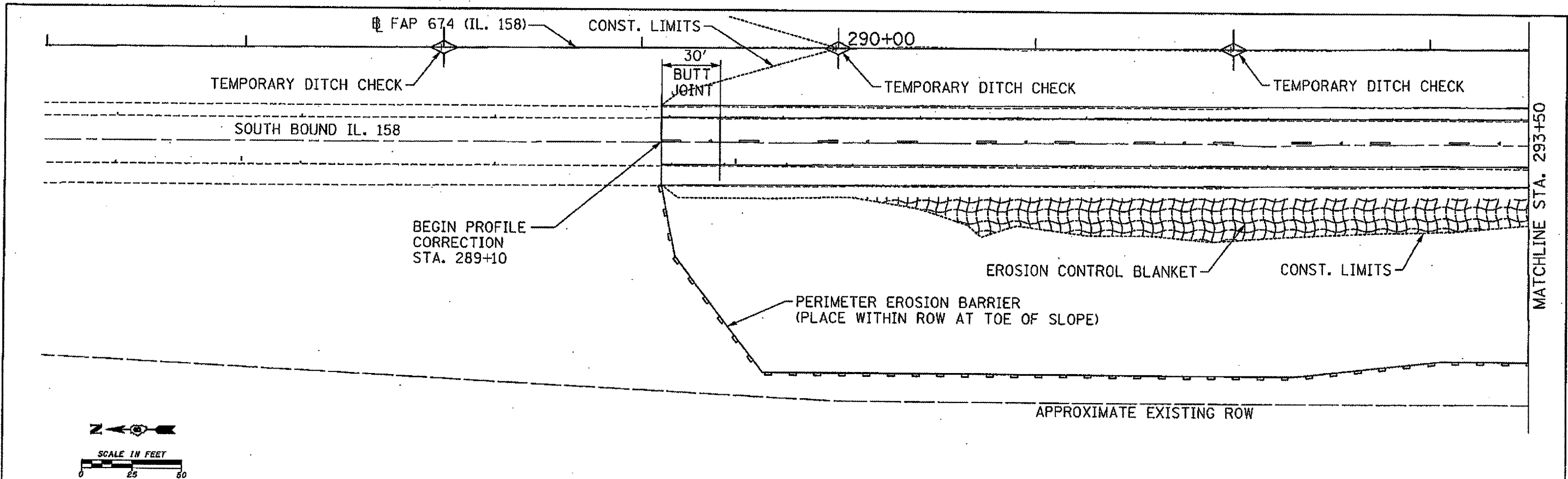
FILE NAME = CIG.PLOL.WHERRY.dgn	USER NAME = jjeckers	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET - TURN LANE ADDITION AT WHERRY ROAD	F.A.P. RTE. 674	SECTION 410, 410-1-1	COUNTY ST. CLAIR	TOTAL SHEETS 41	SHEET NO. 16
	PLLOT SCALE = 20H	CHECKED - SAR	REVISED -			CONTRACT NO. 76B14				
	PLLOT DATE = 3/13/2008	DATE - 01/30/08	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
						SCALE:	SHEET NO. OF SHEETS	STA. TO STA.		



FILE NAME = C17.PL02.WHERRY.dgn	USER NAME = ljackson	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET - TURN LANE ADDITION AT WHERRY ROAD	F.A.P. RTE. = 674	SECTION = 410, 410-1-1	COUNTY = ST. CLAIR	TOTAL SHEETS = 41	SHEET NO. = 17	
	PLOT SCALE = 20:1	CHECKED - SAR	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. = ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/13/2008	DATE = 01/30/08	REVISED -								

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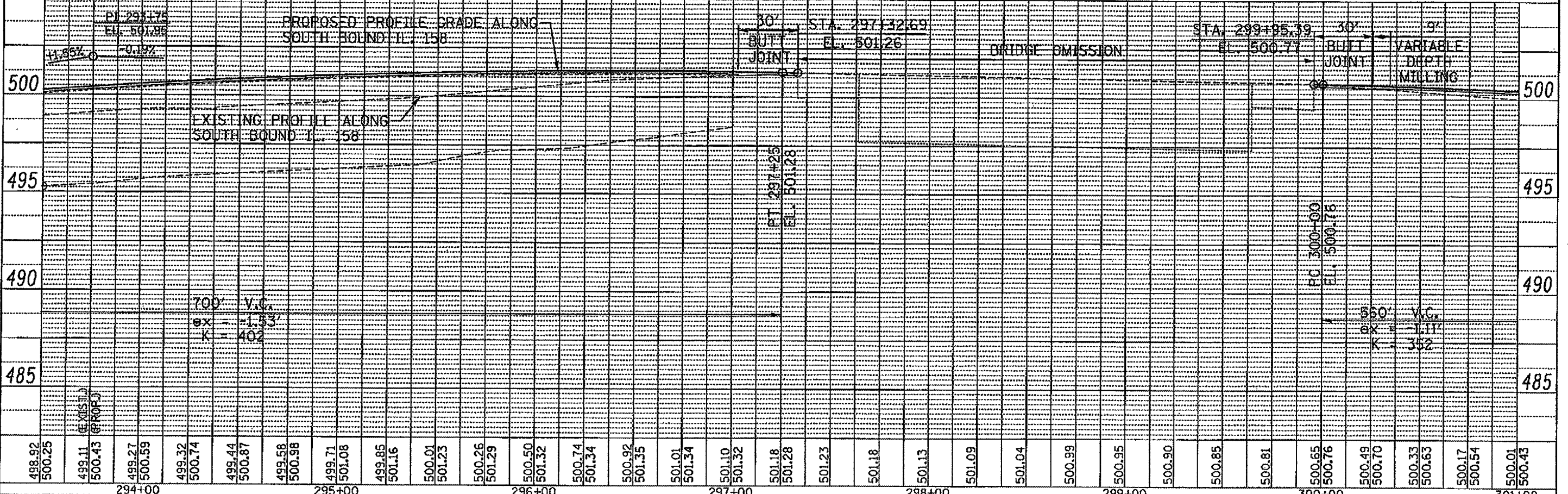
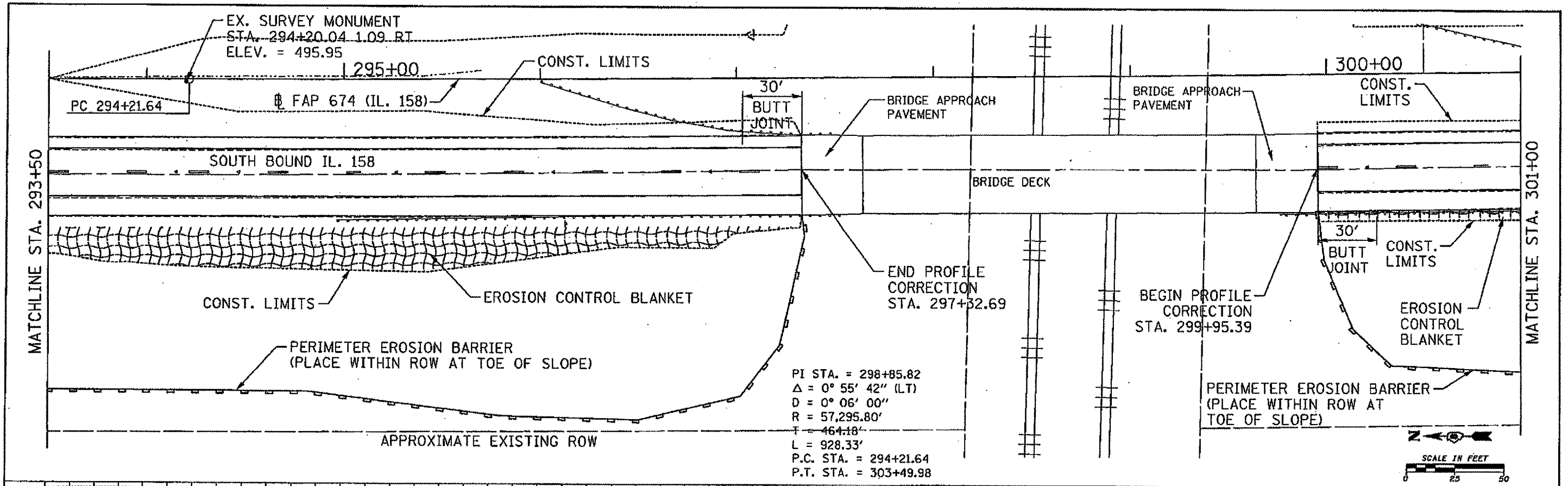
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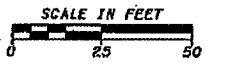
FILE NAME = C:\0_PPBI\S81169.dgn	USER NAME = ljoakson	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE IL. 158 SOUTH BOUND	F.A.P. RTE. 674	SECTION 410, 410-1-1	COUNTY ST. CLAIR	TOTAL SHEETS 41	SHEET NO. 18		
PLOT SCALE = 25:1	CHECKED - SAR	DATE - 01/30/08	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 76B14			
PLOT DATE = 3/13/2008	DATE - 01/30/08	REVISED -	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT						

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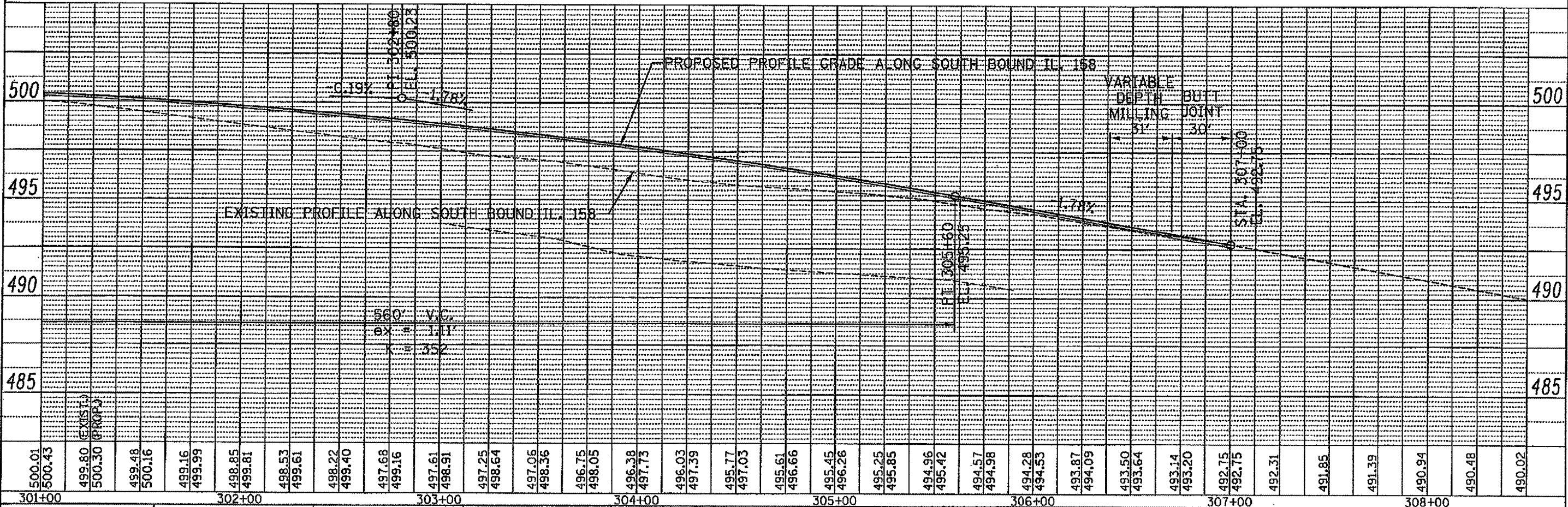
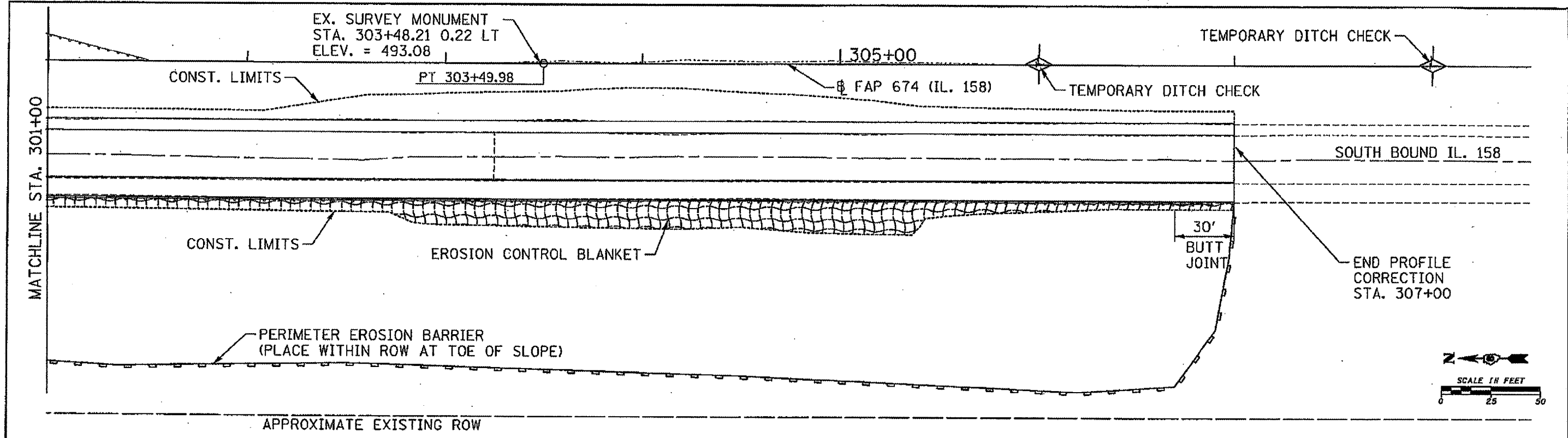


FILE NAME = C:\PF02.SBIL158.dgn	USER NAME = Jackson	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE IL. 158 SOUTH BOUND	SECTION 410, 410-1-1 COUNTY ST. CLAIR CONTRACT NO. 76B14
PLOT SCALE = 25:1	CHECKED - SAR	REVISED -	REVISED -			
PLOT DATE = 3/13/2008	DATE = 01/30/08	REVISED -	REVISED -			

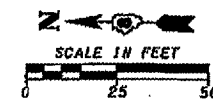


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FILE NAME = c28_pp03_sb11198.dgn	USER NAME = ljackson	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE IL. 158 SOUTH BOUND			F.A.P. RITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EDW	REVISED -		674	410, 410-1-1	ST. CLAIR	41	20			
		CHECKED - SAR	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
		DATE - 01/30/08	REVISED -									



FAP 674 (IL. 158)

335+00

340+00

MATCHLINE STA. 342+00

SOUTH BOUND IL. 158

BEGIN PROFILE CORRECTION STA. 336+48

30' BUTT JOINT

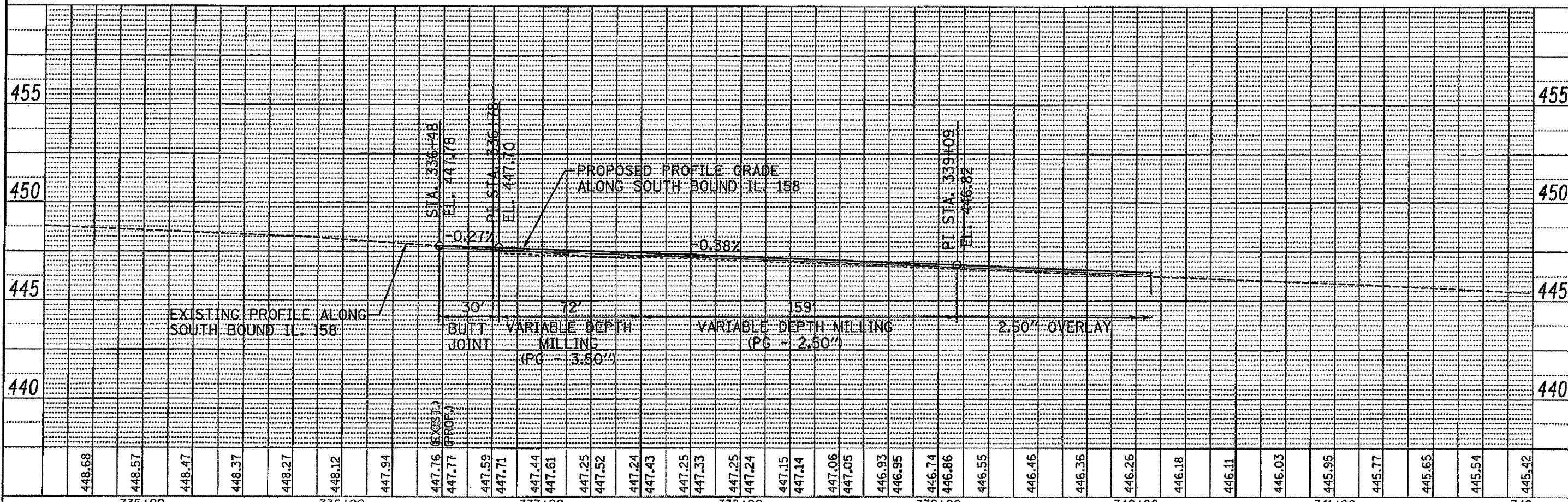
PROFILE CORRECTION

STA. 339+09

OVERLAY

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DATE OF REVISION	
DATE OF APPROVAL	
DATE OF CLOSURE	
DATE OF REMOVAL	
DATE OF REUSE	
DATE OF DESTRUCTION	
DATE OF RECONSTRUCTION	
DATE OF REPAIR	
DATE OF MAINTENANCE	
DATE OF INSPECTION	
DATE OF SURVEY	
DATE OF DESIGN	
DATE OF CONSTRUCTION	
DATE OF COMPLETION	
DATE OF ABANDONMENT	
DATE OF REDEMPTION	
DATE OF REVERSION	
DATE OF REINSTATEMENT	
DATE OF REEVALUATION	
DATE OF REASSESSMENT	
DATE OF REAPPRAISAL	
DATE OF REESTIMATION	
DATE OF RECALCULATION	
DATE OF RECOMPUTATION	
DATE OF REANALYSIS	
DATE OF REEXAMINATION	
DATE OF REINSPECTION	
DATE OF REAUDIT	
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DATE OF REVALIDATION	
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DATE OF RECERTIFICATION	
DATE OF REQUALIFICATION	

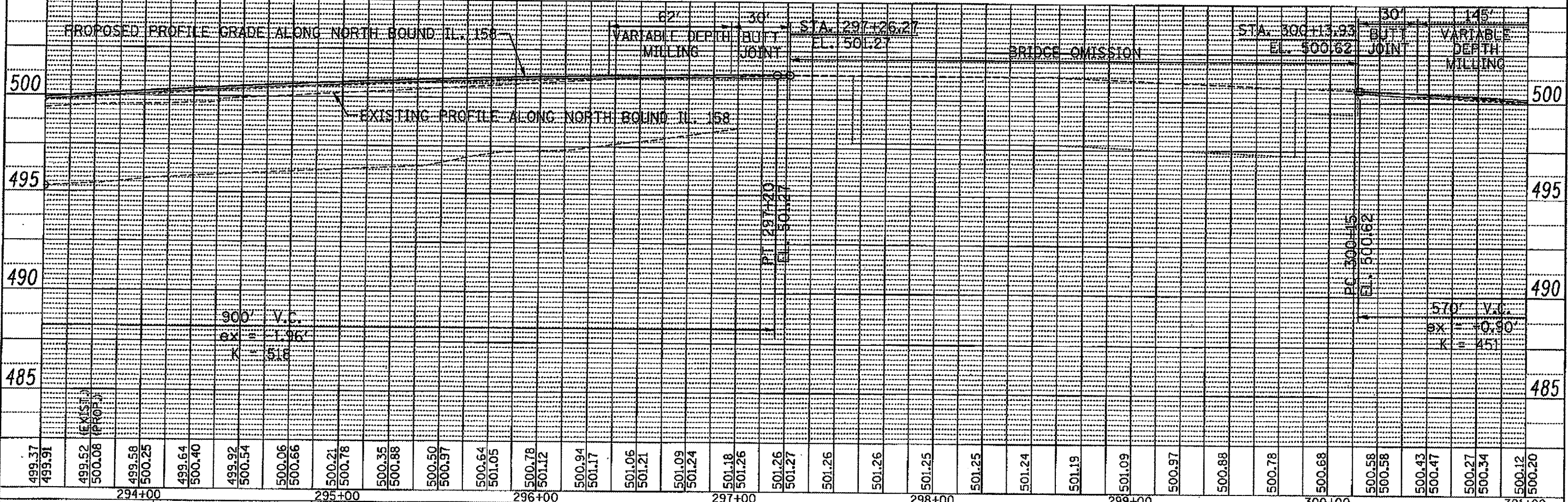
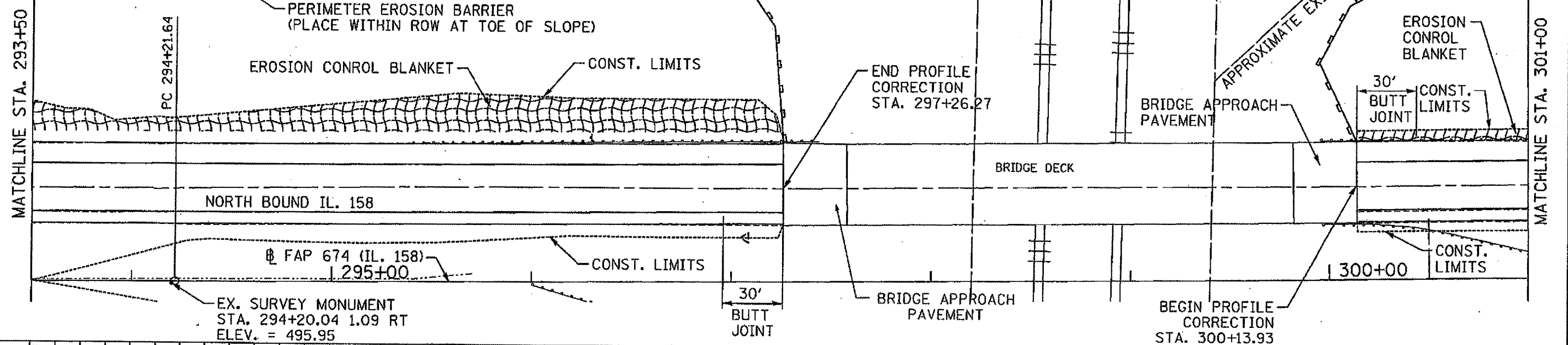
PROFILE	DATE
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DATE OF APPROVAL	
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DATE OF REMOVAL	
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DATE OF REINSPECTION	
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FILE NAME = C:\PP84.S01L105.dgn	USER NAME = eow12	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE IL.158 SOUTH BOUND		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 25:1	CHECKED - SAR	REVISOR -	REVISOR -		674	410, 410-1-I	ST. CLAIR	41	21		
PLOT DATE = 3/12/2008	DATE - 01/30/08	REVISOR -	REVISOR -		SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 76614				
							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



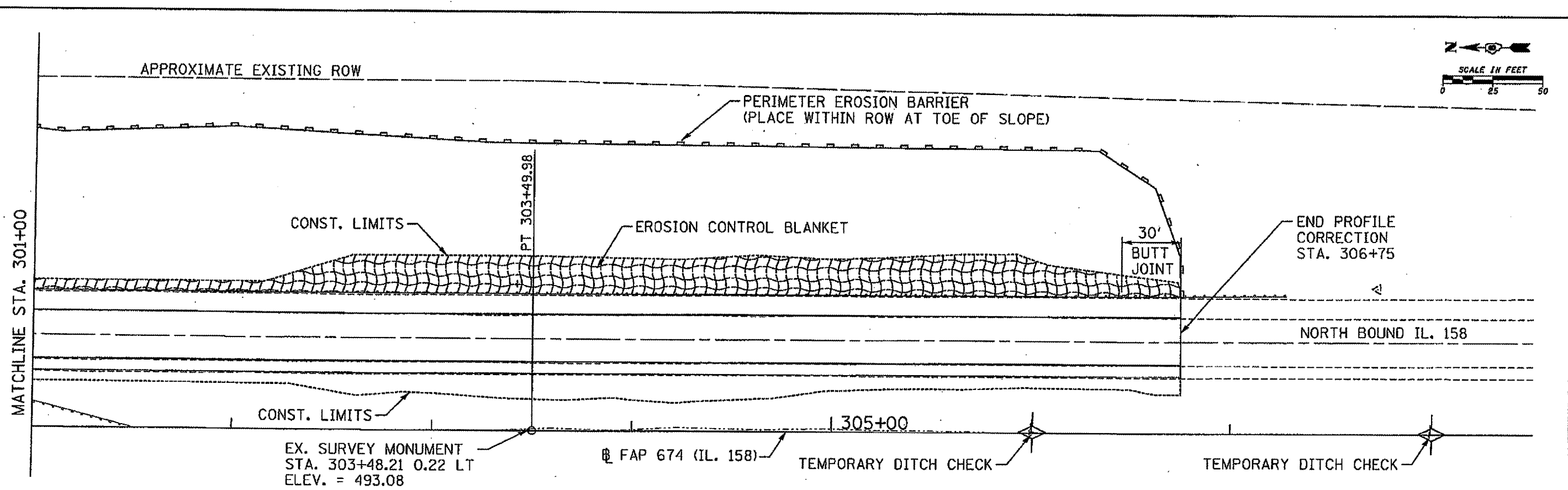
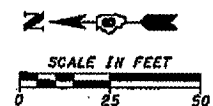
PI STA. = 298+85.82
 $\Delta = 0^\circ 55' 42''$ (LT)
 $D = 0^\circ 06' 00''$
 $R = 57,295.80'$
 $T = 464.18'$
 $L = 928.33'$
 P.C. STA. = 294+21.64
 P.T. STA. = 303+49.98



DATE	
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REVISIONS	
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DESCRIPTION	
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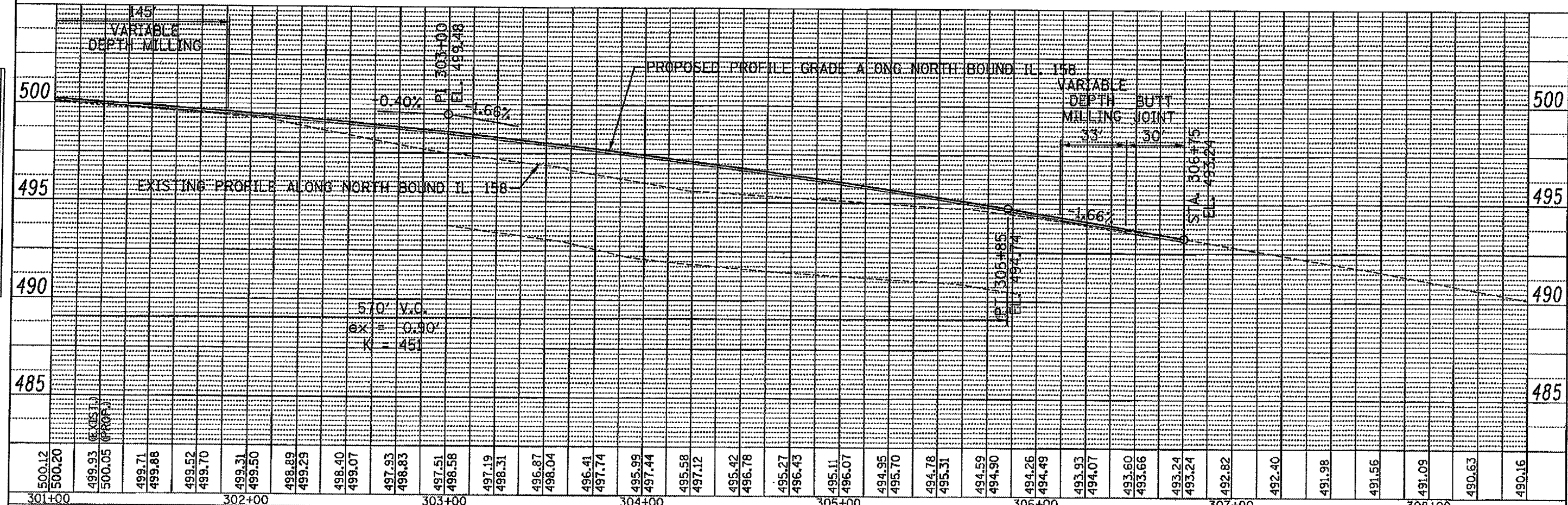
DATE	
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REVISIONS	
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DESCRIPTION	
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BY	
DESCRIPTION	
DATE	
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DESCRIPTION	

FILE NAME = C23_PP02_N31_IL158.dgn	USER NAME = Jackson	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE IL. 158 NORTH BOUND	F.A.P. RTE. 674	SECTION 410, 410-1-1	COUNTY ST. CLAIR	TOTAL SHEETS 41	SHEET NO. 23	CONTRACT NO. 76B14
PLOT SCALE = 25:1	CHECKED - SAR	REVISIONS -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
PLOT DATE = 3/13/2008	DATE - 01/30/08	REVISIONS -									



PLAN	DATE
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
PROJECT	
FILE NAME	

PROFILE	DATE
BY	
DESIGNED	
DRAWN	
CHECKED	
DATE	
PROJECT	
FILE NAME	



FILE NAME: C24.FPB3.NBIL158.dgn	USER NAME: l.jackson	DESIGNED: OHP	REVISED: 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE IL. 158 NORTH BOUND	F.A.P. RITE: 674	SECTION: 410, 410-1-1	COUNTY: ST. CLAIR	TOTAL SHEETS: 41	SHEET NO.: 24	
PLOT SCALE: 25:1	CHECKED: SAR	DRAWN: EDW	REVISED:			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 76B14		
PLOT DATE: 3/13/2008	DATE: 01/30/08	CHECKED:	REVISED:			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

DATE	
BY	
PROJECT	
PROPOSED	
ALTERNATE	
NO.	
NOTE BOOK	
NO.	
FILE NAME	

DATE	
BY	
PROJECT	
PROPOSED	
ALTERNATE	
NO.	
NOTE BOOK	
NO.	
FILE NAME	

BEGIN PROFILE CORRECTION STA. 333+25

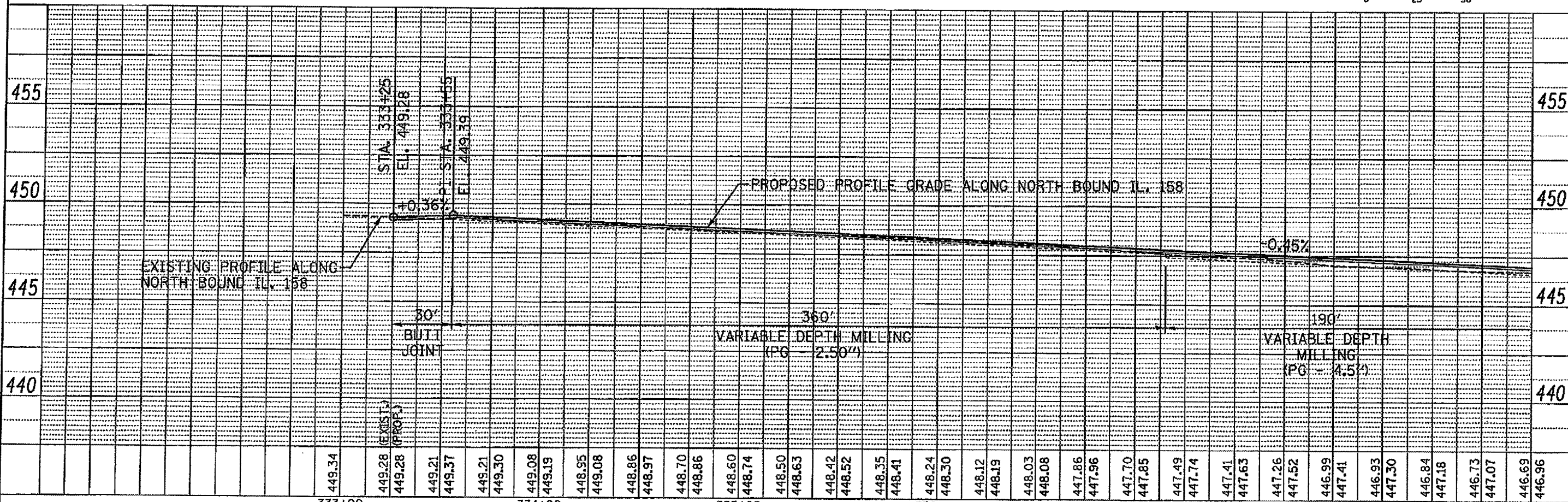
30' BUTT JOINT

NORTH BOUND IL. 158

FAP 674 (IL. 158)

335+00

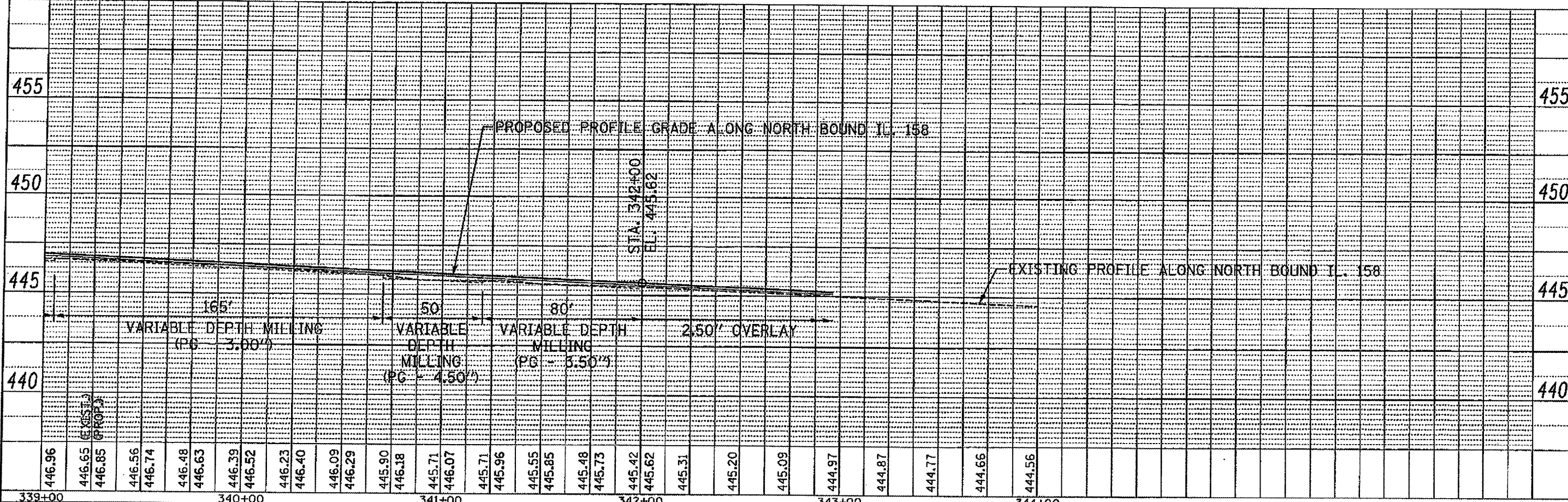
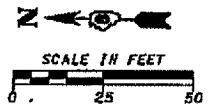
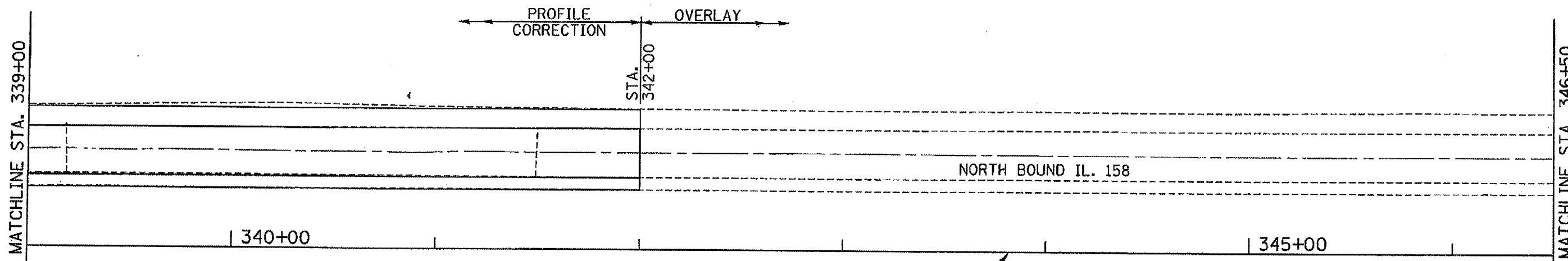
MATCHLINE STA. 339+00



FILE NAME = C26_PP84_N81L158.dgn	USER NAME = oiofa	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN & PROFILE IL. 158 NORTH BOUND			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
PLOT SCALE = 25:1	CHECKED - SAR	REVISIONS			674	410, 410-I-I	ST. CLAIR	41	25		
PLOT DATE = 3/12/2008	DATE - 01/30/08				CONTRACT NO. 76B14						
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

PLAN	DATE
BY	
PROJECT	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	
DATE	

PROFILE	DATE
BY	
PROJECT	
REVISIONS	
NO.	
DATE	
BY	
DESCRIPTION	
DATE	



339+00	340+00	341+00	342+00	343+00	344+00
446.96	446.65	446.85	446.56	446.74	446.48
446.63	446.39	446.52	446.23	446.40	446.09
446.29	445.90	446.18	445.71	446.07	445.71
445.96	445.55	445.85	445.48	445.73	445.42
445.62	445.31	445.20	445.09	444.97	444.87
444.77	444.66	444.56			

FILE NAME = C26_PP05_NBI158.dgn
 USER NAME = emelz
 PLOT SCALE = 25:1
 PLOT DATE = 3/12/2008

DESIGNED - DHP	REVISED - 03/12/08
DRAWN - EDW	REVISED -
CHECKED - SAR	REVISED -
DATE - 01/30/08	REVISED -

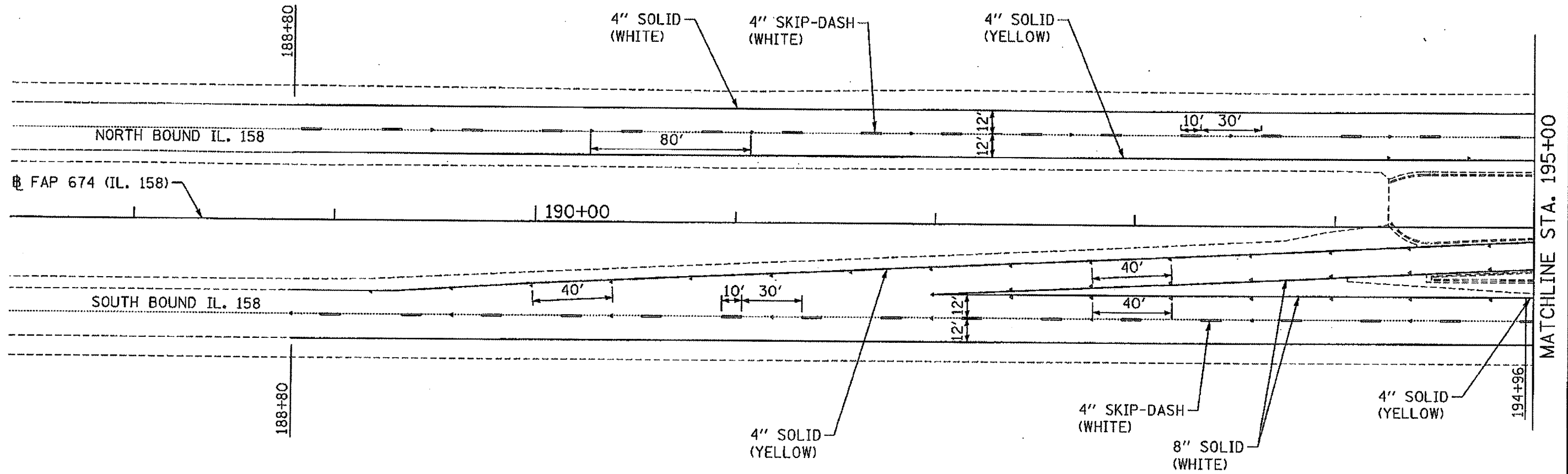
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE IL 158 NORTH BOUND			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

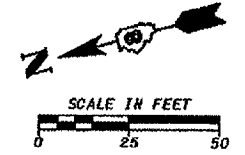
F.A.P. No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
674	410, 410-1-1	ST. CLAIR	41	26
CONTRACT NO. 76814			ILLINOIS FED. AID PROJECT	

LEGEND

- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)



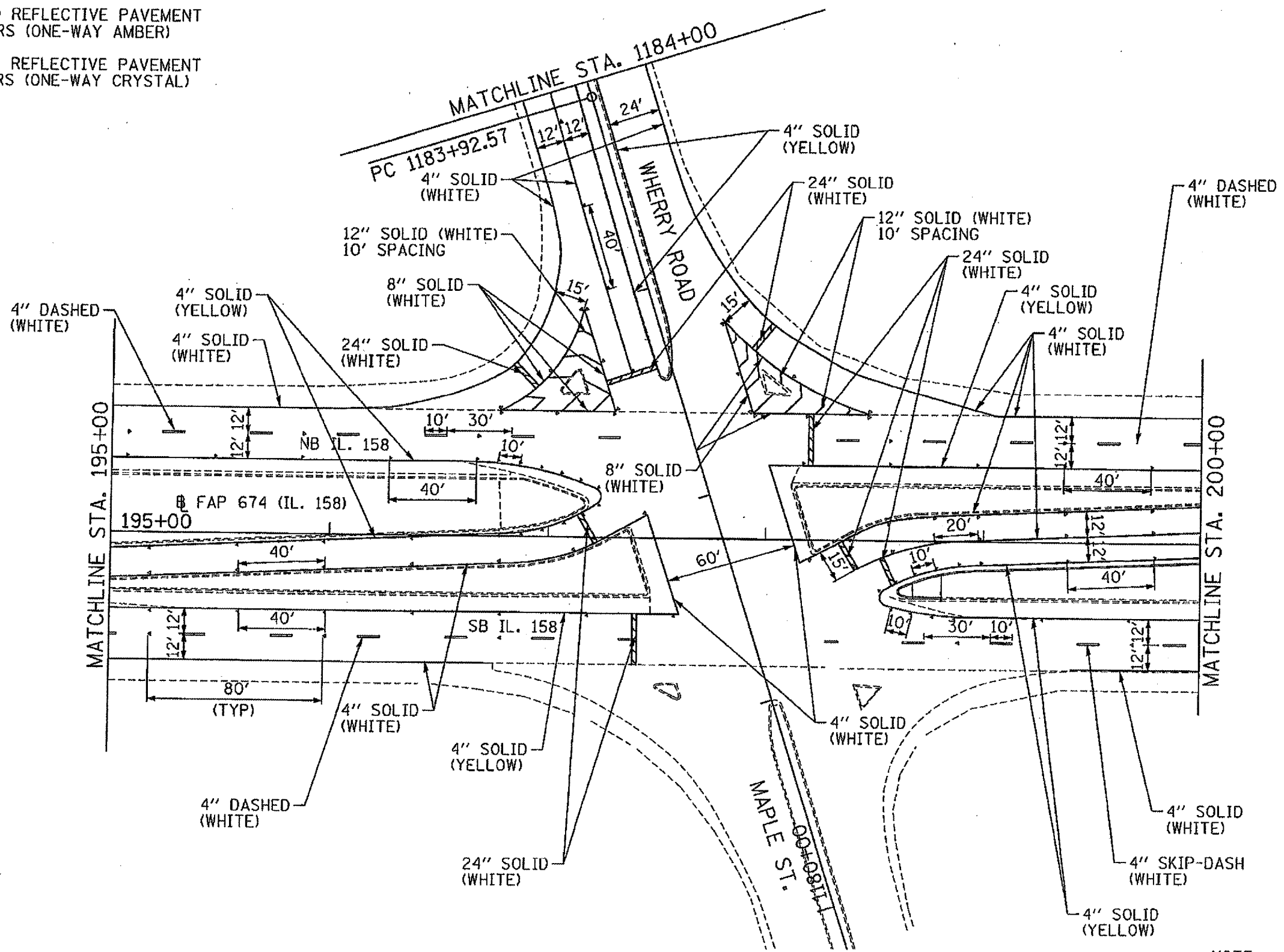
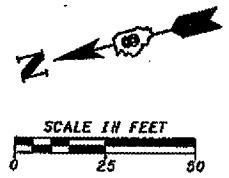
NOTE:
STANDARD 780001 APPLIES
FOR ALL PAVEMENT MARKINGS



FILE NAME = C27_PWB_LWHERRY.dgn	USER NAME = euelz	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN - IL 158 AT WHERRY ROAD	F.A.P. RTE. 674	SECTION 410, 410-1-I	COUNTY ST. CLAIR	TOTAL SHEETS 41	SHEET NO. 27	
	PLOT SCALE = 25d	DRAWN - EDW	REVISED -			CONTRACT NO. 76B14		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/12/2008	CHECKED - SAR	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.				
		DATE - 01/30/08	REVISED -								

LEGEND

- ▲ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ▲ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)

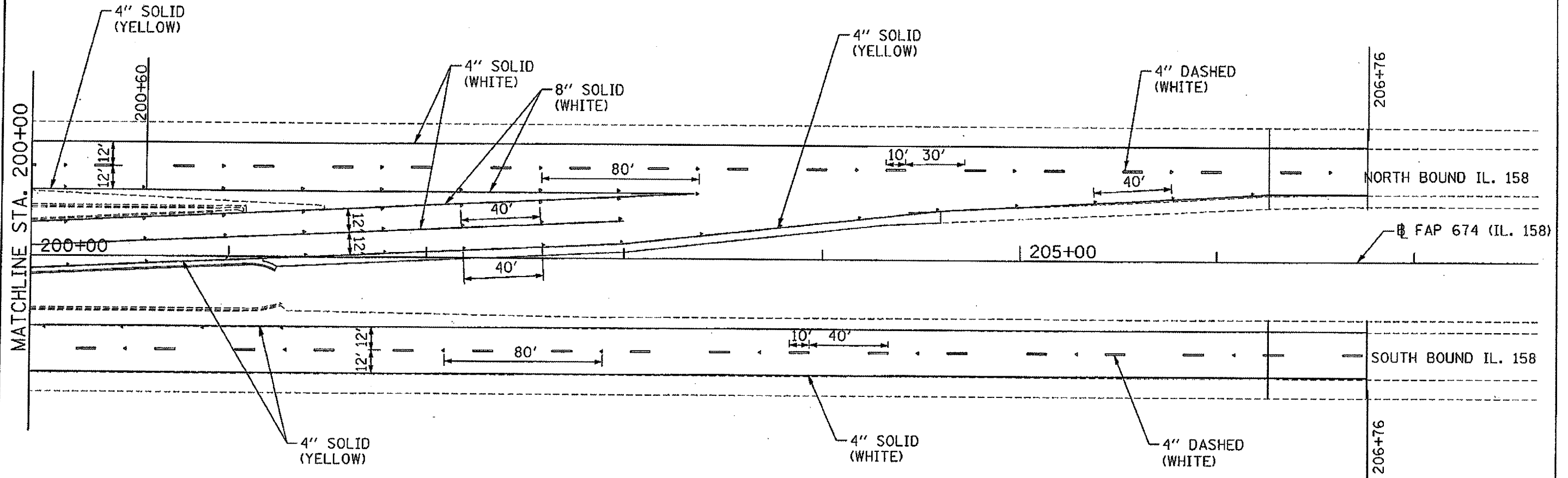


NOTE:
STANDARD 780001 APPLIES
FOR ALL PAVEMENT MARKINGS

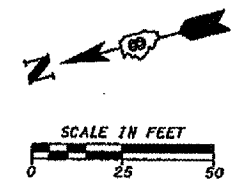
FILE NAME = C28.PM02.WHERRY.dgn	USER NAME = axelz	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN - IL. 158 AT WHERRY ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EDW	REVISED -					674	410, 410-1-1	ST. CLAIR	41	28
		CHECKED - SAR	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 76B14				
		DATE - 01/30/08	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

LEGEND

- ▲ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ▲ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)



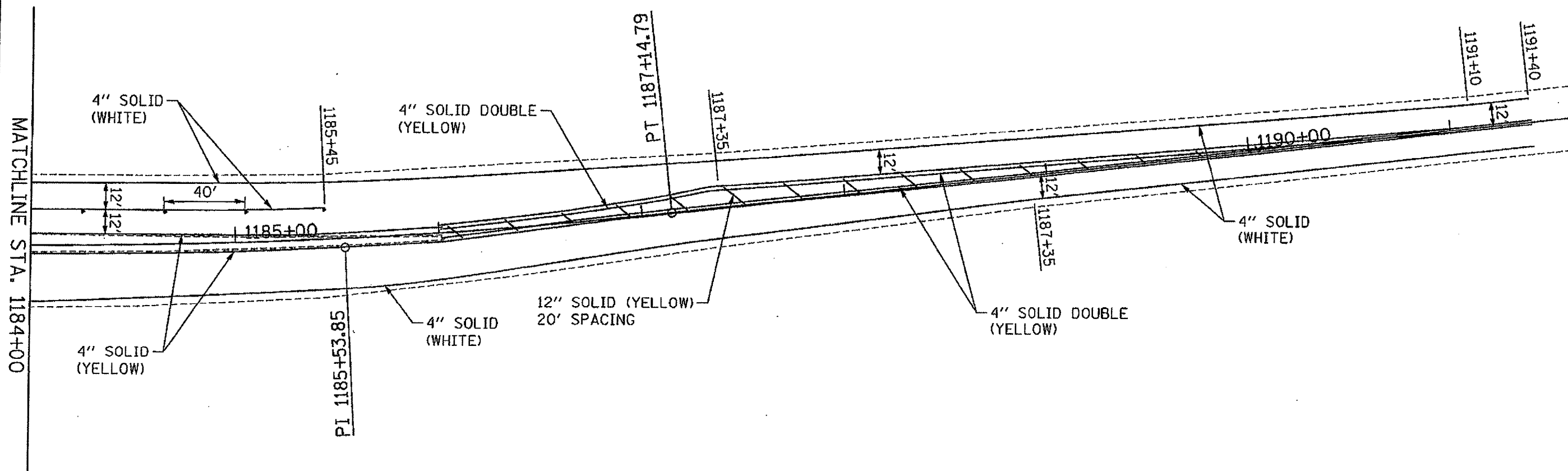
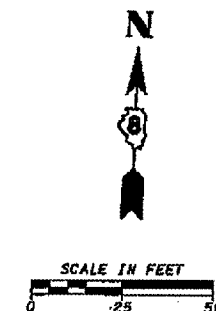
NOTE:
STANDARD 780001 APPLIES
FOR ALL PAVEMENT MARKINGS



FILE NAME = C29.PH03.WHERRY.dgn	USER NAME = owo1z	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN - IL 158 AT WHERRY ROAD				
		DRAWN - EDW	REVISED -		F.A.P. RTE. 674	SECTION 410, 410-1-1	COUNTY ST. CLAIR	TOTAL SHEETS 41	SHEET NO. 29
		CHECKED - SAR	REVISED -		CONTRACT NO. 76B14				
		DATE - 01/30/08	REVISED -		FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT				
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

LEGEND

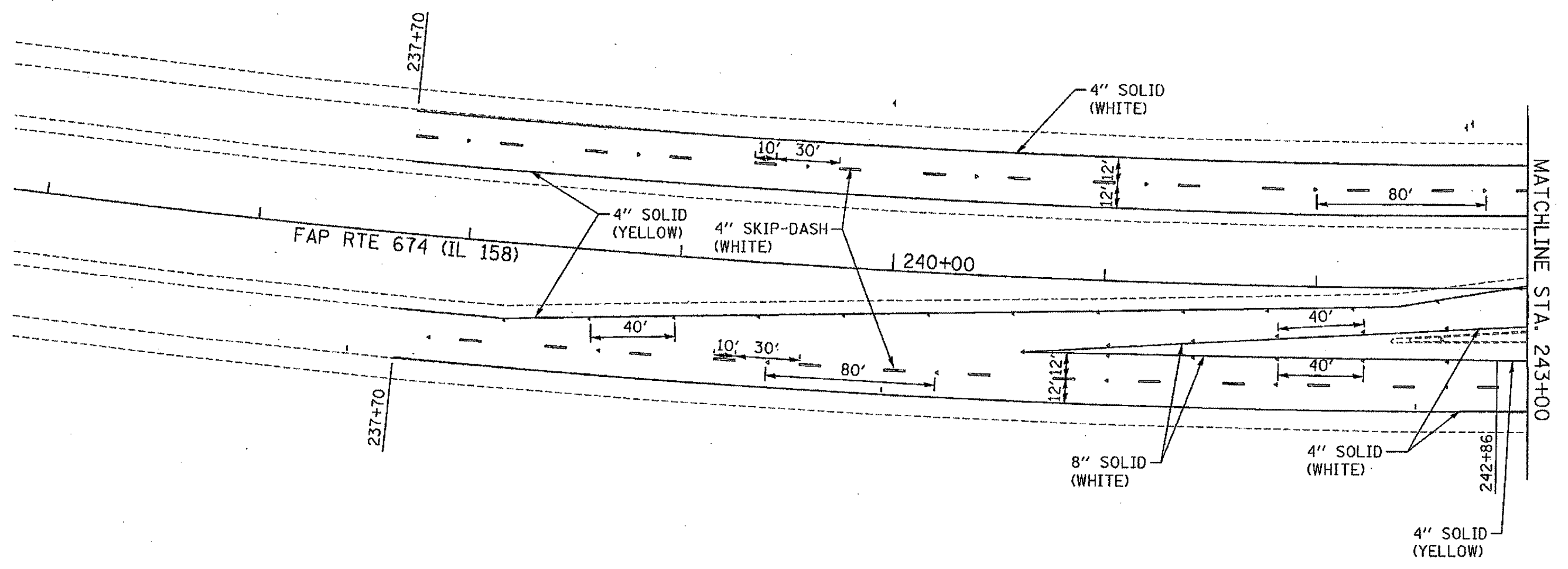
- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)



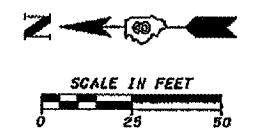
PI STA. = 1185+53.85
 Δ = 6° 26' 40" (LT)
 D = 2° 00' 00"
 R = 2,864.79'
 T = 161.28'
 L = 322.22'
 E = 4.54'
 P.C. STA. = 1183+92.57
 P.T. STA. = 1187+14.79

NOTE:
 STANDARD 780001 APPLIES
 FOR ALL PAVEMENT MARKINGS

FILE NAME = C38_PN04_WHERRY.dgn	USER NAME = ovalz	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN - WHERRY ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 25x1	DRAWN - EDW	REVISED -		674	410, 410-1-1	ST. CLAIR	41	30			
	PLOT DATE = 3/12/2008	CHECKED - SAR	REVISED -		CONTRACT NO. 76B14							
		DATE - 01/30/08	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	



PI STA. = 235+43.38
 $\Delta = 15^\circ 23' 01''$ (LT)
 $D = 1^\circ 00' 00''$
 $R = 5,729.58'$
 $T = 773.84'$
 $L = 1,538.36'$
 $E = 52.02'$
 P.C. STA. = 227+69.54
 P.T. STA. = 243+07.91

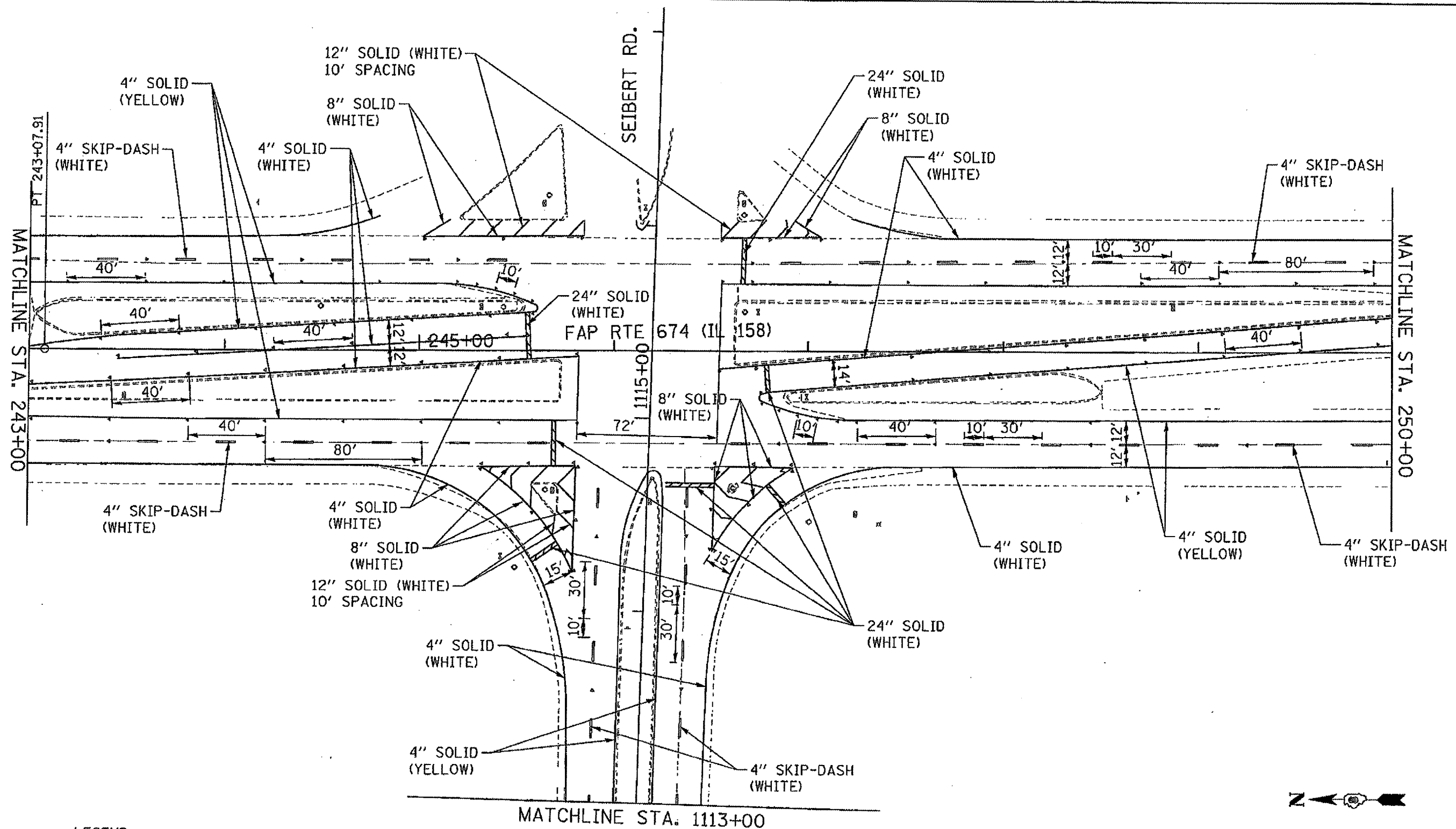


LEGEND

- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)

NOTE:
 STANDARD 780001 APPLIES
 FOR ALL PAVEMENT MARKINGS

FILE NAME = C:\P\01-SEIBERT.dgn	USER NAME = ljeakson	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN IL 158 AT SEIBERT ROAD			F.A.P. RTE. 674	SECTION 410, 410-1-1	COUNTY ST. CLAIR	TOTAL SHEETS 41	SHEET NO. 31
	PLOT SCALE = 20:1	DRAWN - EDW	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 768L4				
	PLOT DATE = 3/13/2008	CHECKED - SAR	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
		DATE - 01/30/08	REVISED -									

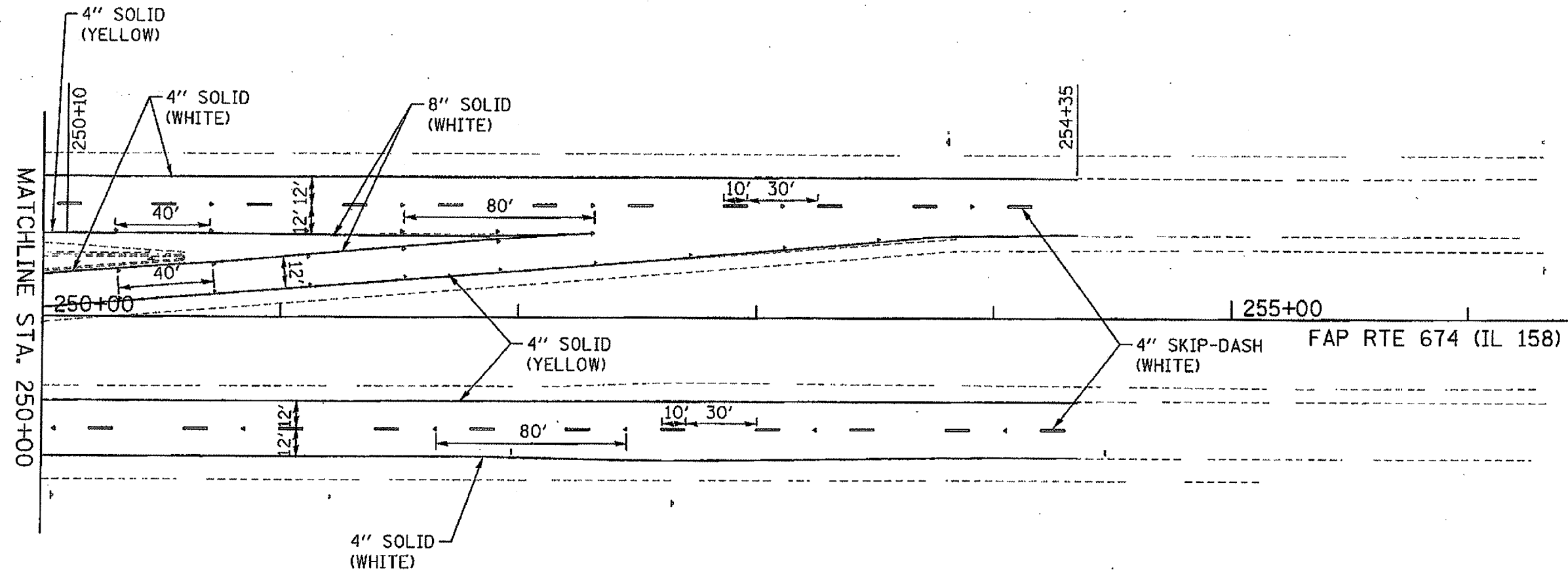


LEGEND

- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)

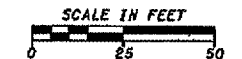
NOTE:
STANDARD 780001 APPLIES
FOR ALL PAVEMENT MARKINGS

FILE NAME = C32.PW62.SEIBERT.dgn	USER NAME = ewalz	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN IL 158 AT SEIBERT ROAD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EDW	REVISED -					674	410, 410-1-1	ST. CLAIR	41	32
		CHECKED - SAR	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 76B14				
		DATE - 01/30/08	REVISED -		FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT							



LEGEND

- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)



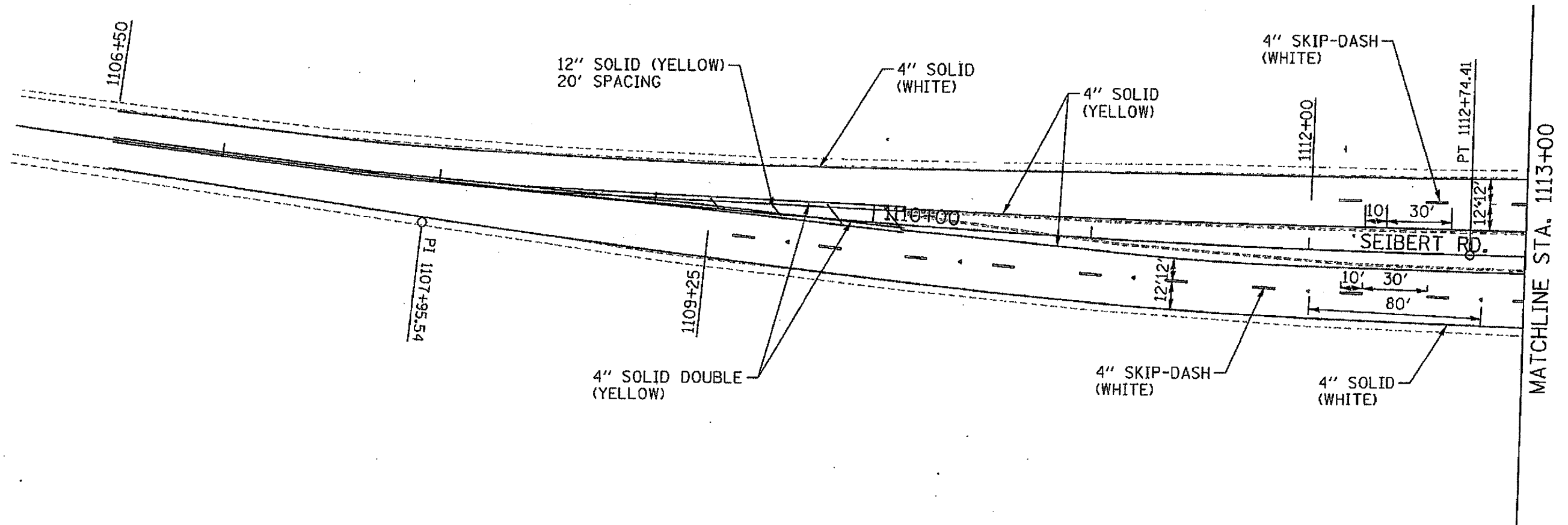
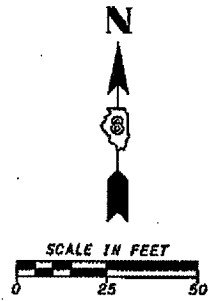
NOTE:
STANDARD 780001 APPLIES
FOR ALL PAVEMENT MARKINGS

FILE NAME • CS2_PMB3_SEIBERT.dgn	USER NAME • ewelz	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN IL 158 AT SEIBERT ROAD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EOW	REVISED -			674	410, 410-1-1	ST. CLAIR	41	33
		CHECKED - SAR	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS/FED. AID PROJECT		
		DATE - 01/30/08	REVISED -			CONTRACT NO. 76B14				

LEGEND

- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)

PI STA. = 1107+95.54
 Δ = 9° 36' 00" (LT)
 D = 1° 00' 00"
 R = 5,729.58'
 T = 481.13'
 L = 960.00'
 E = 20.17'
 P.C. STA. = 1103+14.41
 P.T. STA. = 1112+74.41

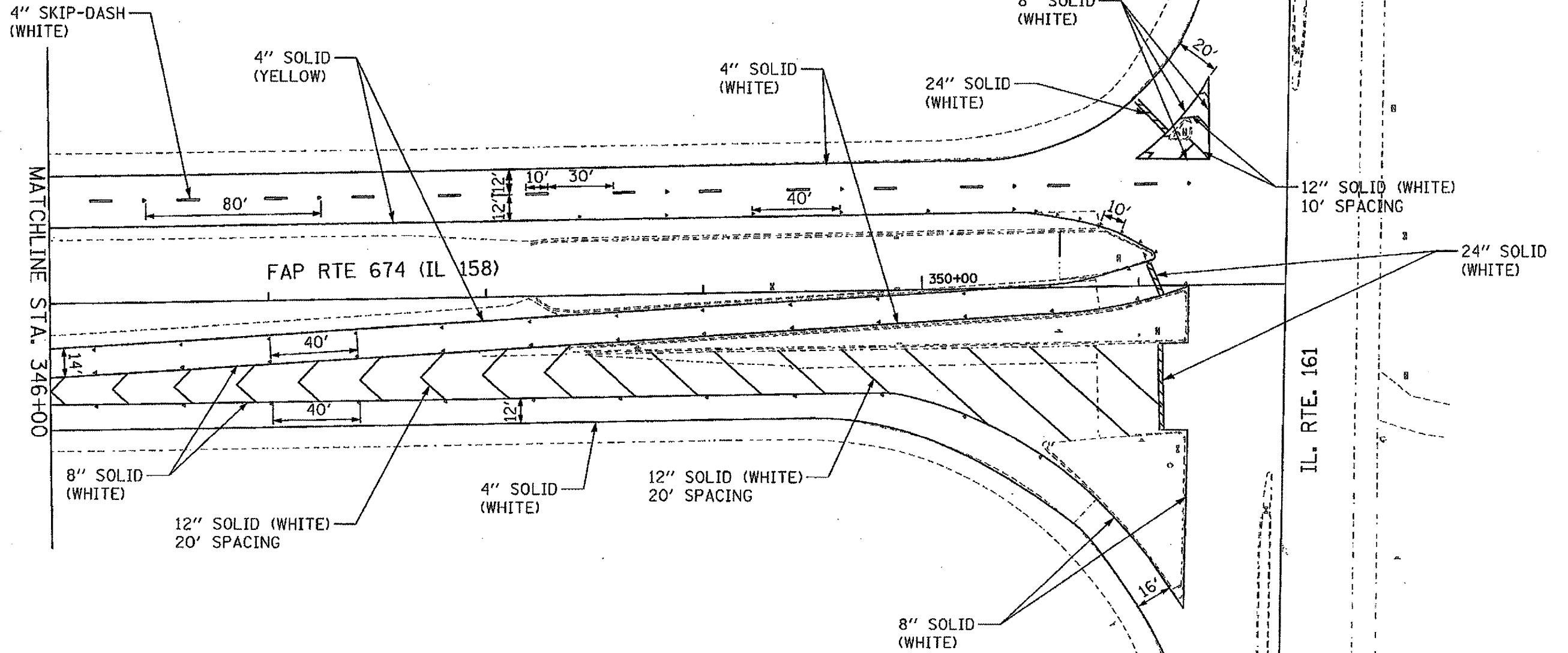


NOTE:
 STANDARD 780001 APPLIES
 FOR ALL PAVEMENT MARKINGS

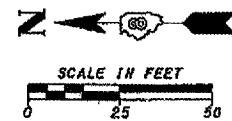
FILE NAME = C:\4.FM24.SEIBERT.dgn	USER NAME = ovalx	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN AT SEIBERT ROAD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - EDW	REVISED -				674	410, 410-1-1	ST. CLAIR	41	34
PLOT SCALE = 3/8"=1'		CHECKED - SAR	REVISED -				CONTRACT NO. 76B14				
PLOT DATE = 3/12/2008		DATE - 01/30/08	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			

LEGEND

- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKERS (ONE-WAY CRYSTAL)



NOTE:
STANDARD 780001 APPLIES
FOR ALL PAVEMENT MARKINGS



FILE NAME = CSB_P492_IL161.dgn

USER NAME = auelz

DESIGNED - OHP

REVISED - 03/12/08

DRAWN - EDW

REVISED -

PLOT SCALE = 25:1

CHECKED - SAR

REVISED -

PLOT DATE = 3/12/2008

DATE - 01/30/08

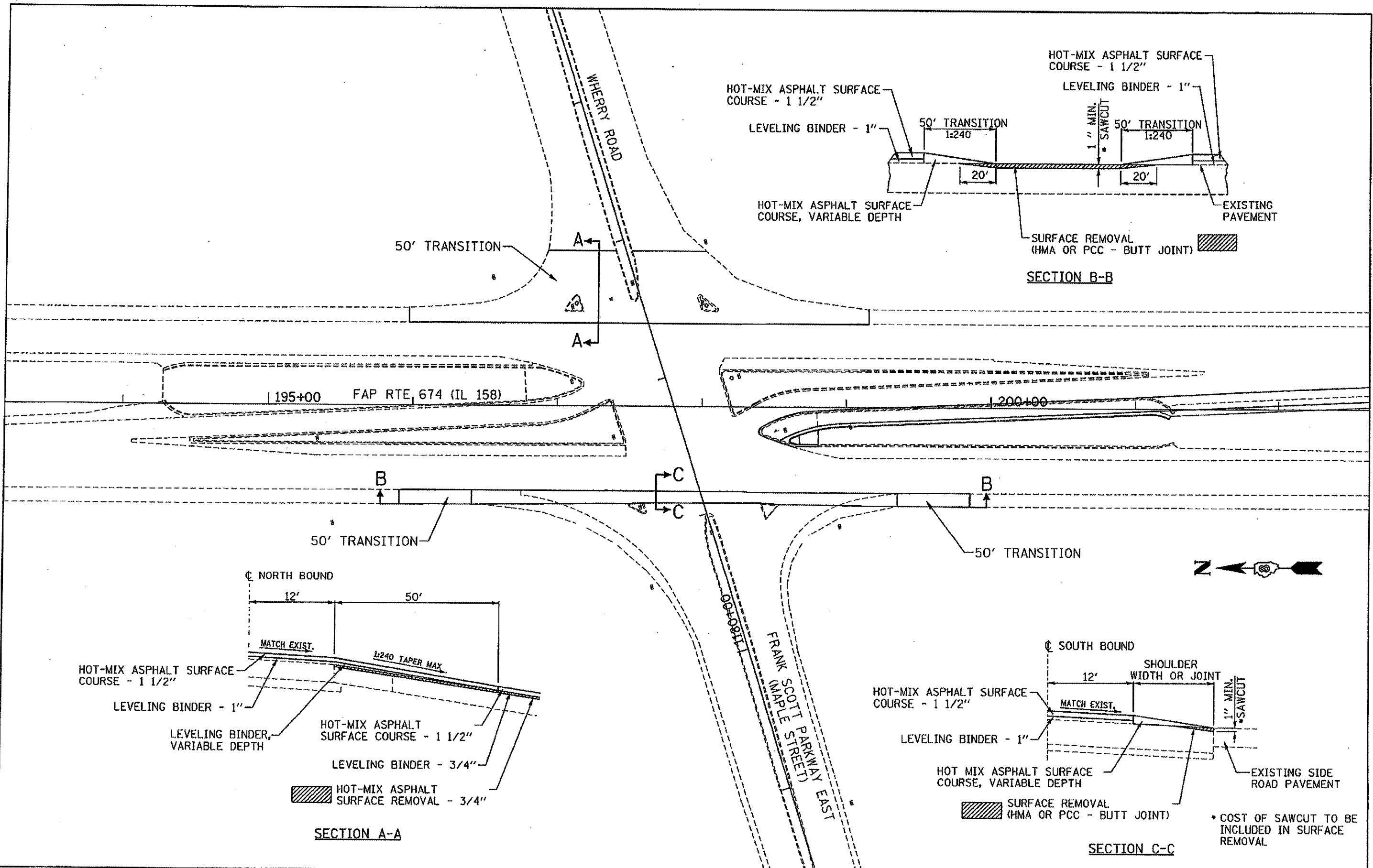
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLAN AT IL 161

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
674	410, 410-1-1	ST. CLAIR	41	36
CONTRACT NO. 76B14				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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



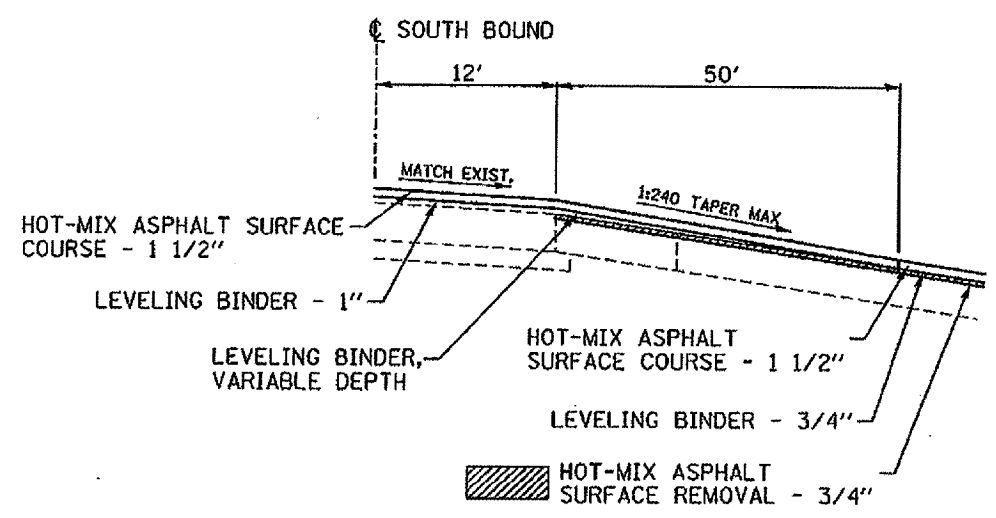
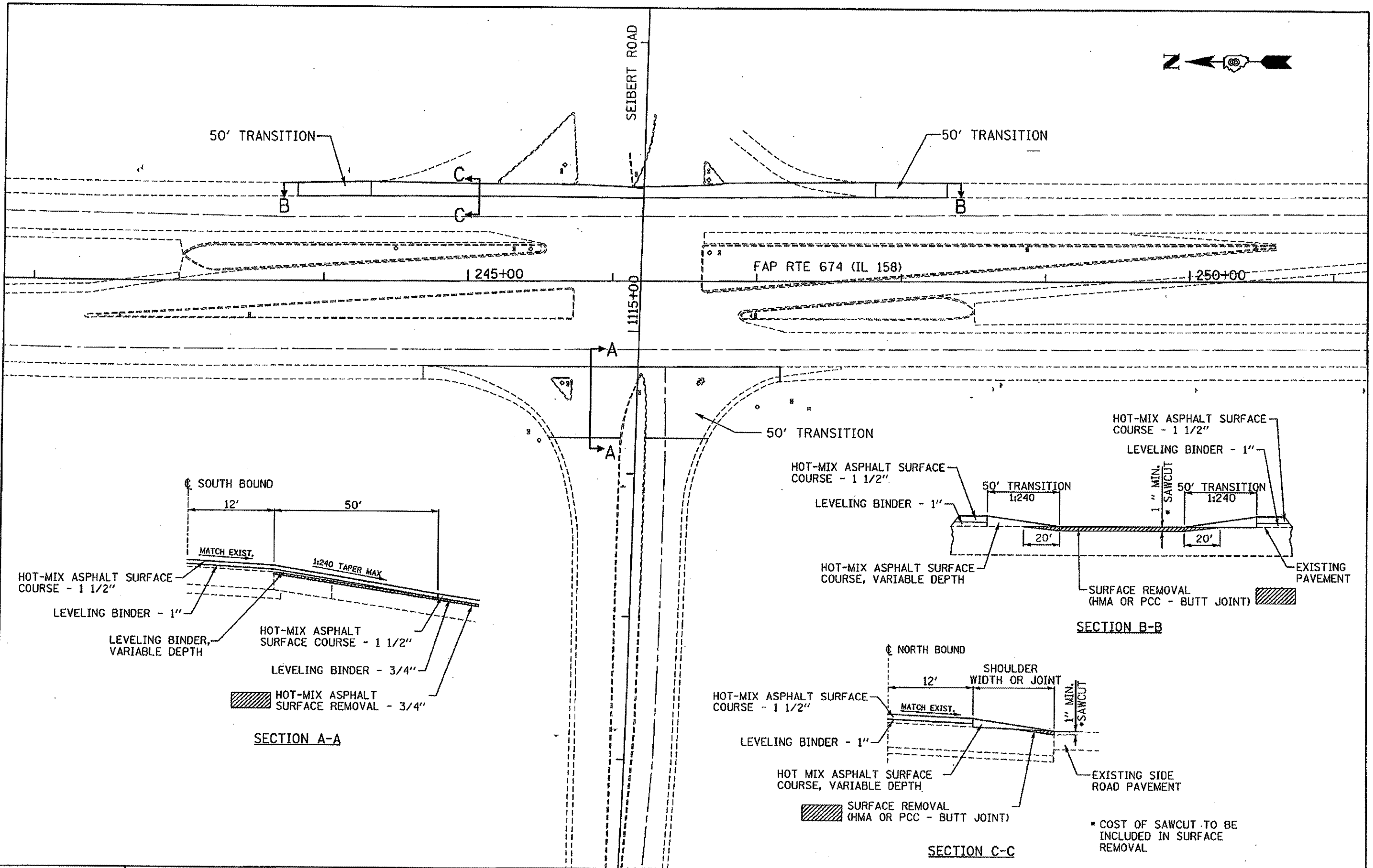
FILE NAME = C37_TRANS.OTL.WHERRY.dgn	USER NAME = evelz	DESIGNED - DRP	REVISED -
		DRAWN - EDW	REVISED -
		CHECKED - SAR	REVISED -
		DATE - 01/30/08	REVISED -
PLOT SCALE = 3/8"			
PLOT DATE = 3/12/2008			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

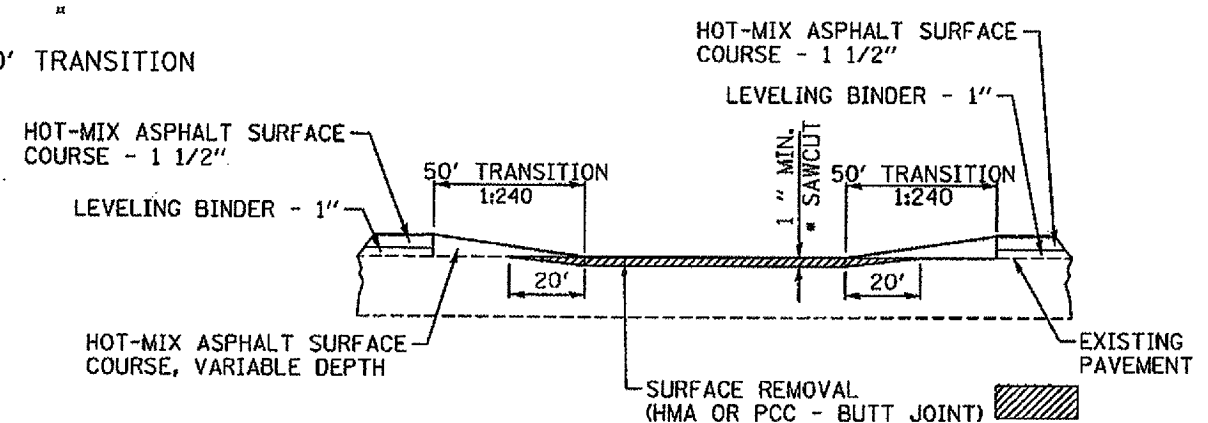
PAVEMENT TRANSITION DETAIL - IL. RTE 158 & WHERRY RD.

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

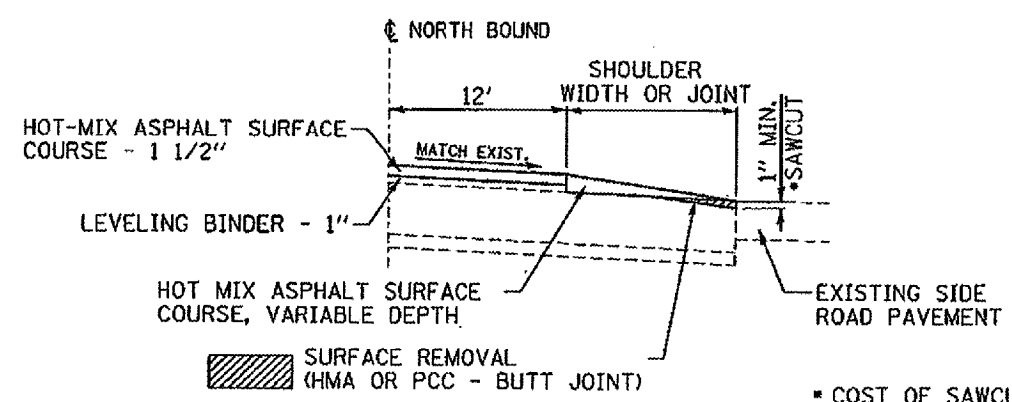
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
674	410, 410-1-1	ST. CLAIR	41	37
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 76B14		



SECTION A-A



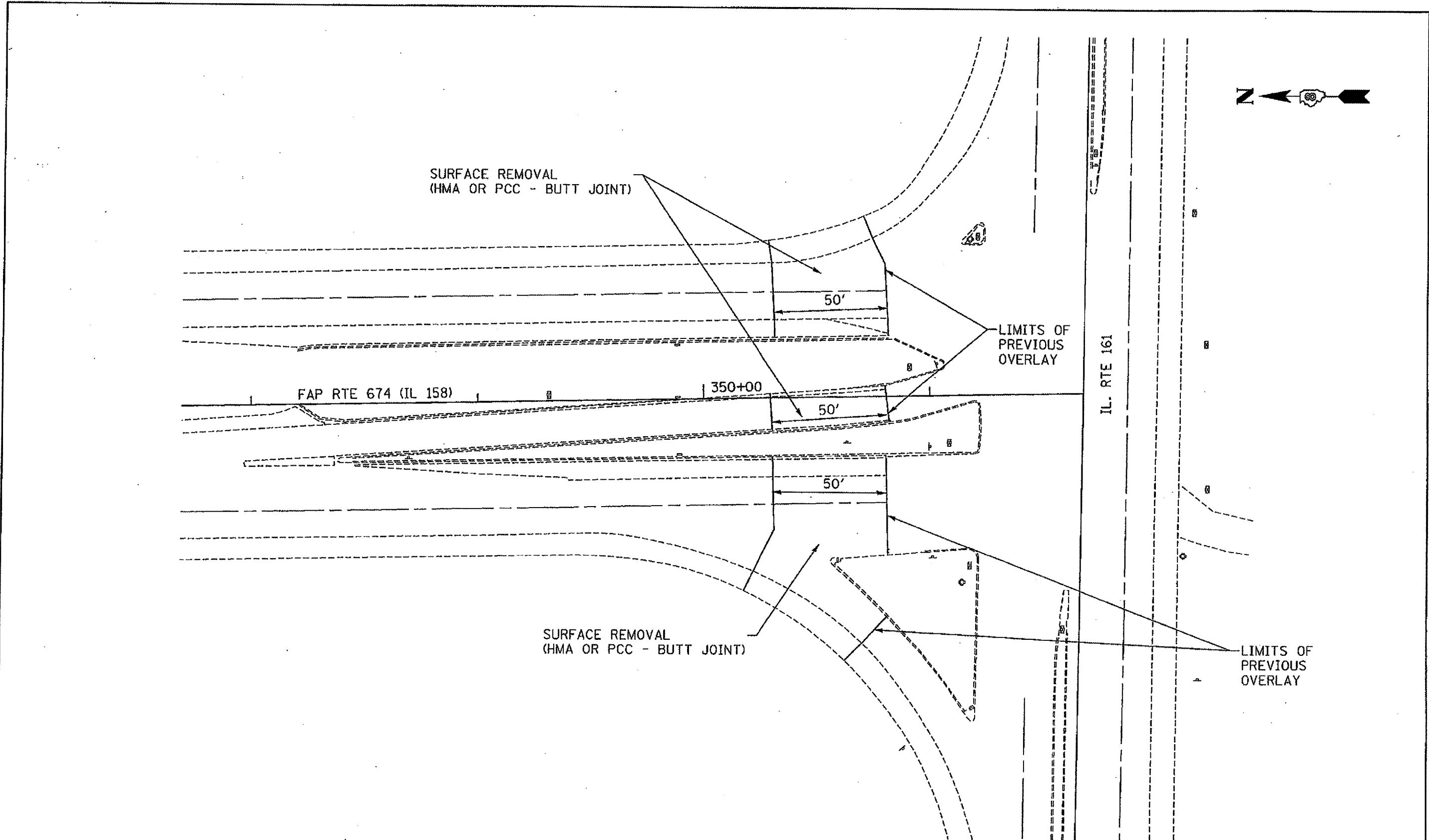
SECTION B-B



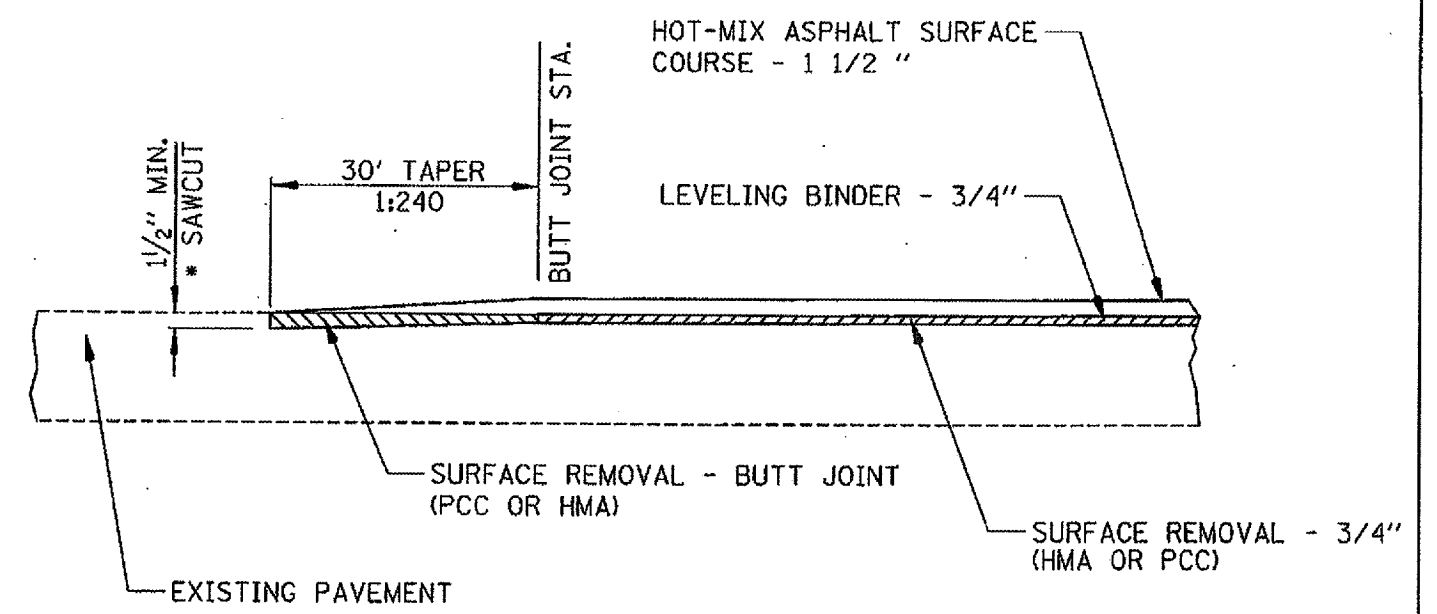
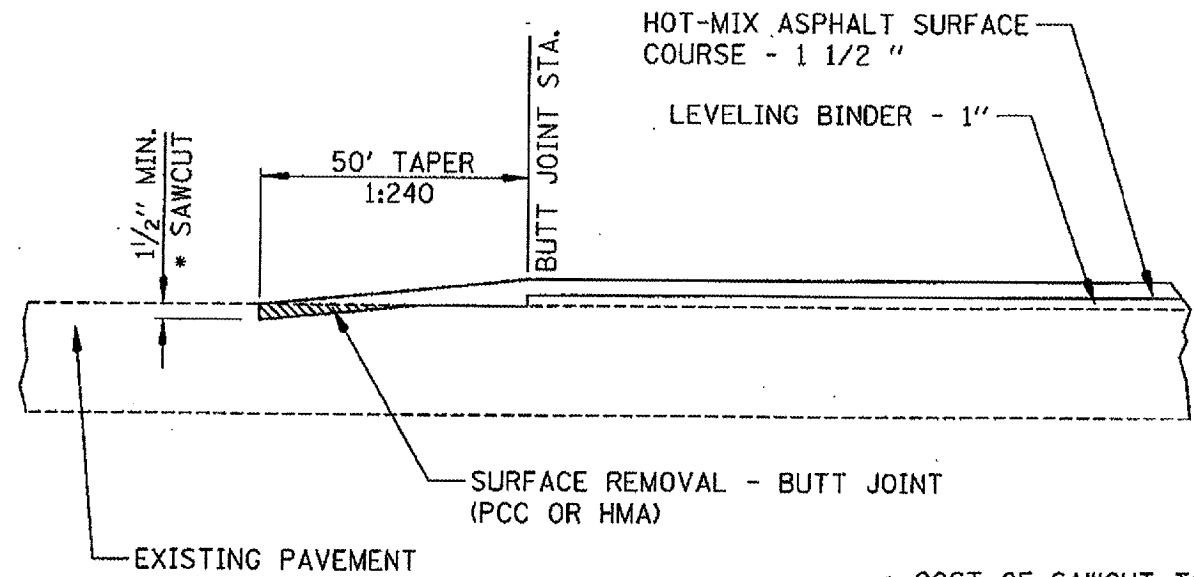
SECTION C-C

* COST OF SAWCUT TO BE INCLUDED IN SURFACE REMOVAL

FILE NAME = C38.TRANS.DTL.SEIBERT.dgn	USER NAME = c38lx	DESIGNED - DHP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT TRANSITION DETAIL - IL RTE 158 & SEIBERT RD.	F.A.P. RTE. 674	SECTION 410, 410-1-1	COUNTY ST. CLAIR	TOTAL SHEETS 41	SHEET NO. 38	
FLOT SCALE = 3/8"=1'	CHECKED - SAR	ORAWN - EDW	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 76B14		
FLOT DATE = 3/12/2008	DATE - 01/30/08	CHECKED - SAR	REVISED -			FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT					
		DATE - 01/30/08	REVISED -								



FILE NAME = C:\PTRANS\DTL\1161.dgn	USER NAME = jackson	DESIGNED - DHP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT TRANSITION DETAIL - IL. RTE 158 & IL. RTE 161			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 28/1	DRAWN - EDW	REVISED -					674	410, 410-1-1	ST. CLAIR	41	39
	PLOT DATE = 3/13/2008	CHECKED - SAR	REVISED -					CONTRACT NO. 76B14				
	DATE - 01/30/08	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

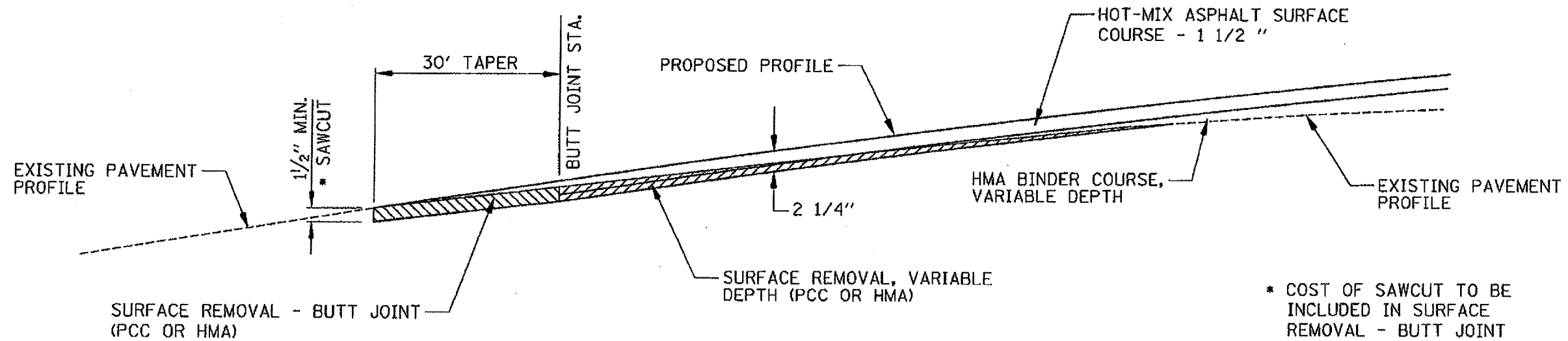


BUTT JOINT
 STA. 189+30±
 STA. 206+26±
 STA. 238+20±
 STA. 253+85±
 STA. 350+30±

* COST OF SAWCUT TO BE INCLUDED IN SURFACE REMOVAL - BUTT JOINT

BUTT JOINT
 STA. 1191+10± - WHERRY ROAD
 STA. 1106+80± - SIEBERT ROAD

* COST OF SAWCUT TO BE INCLUDED IN SURFACE REMOVAL - BUTT JOINT

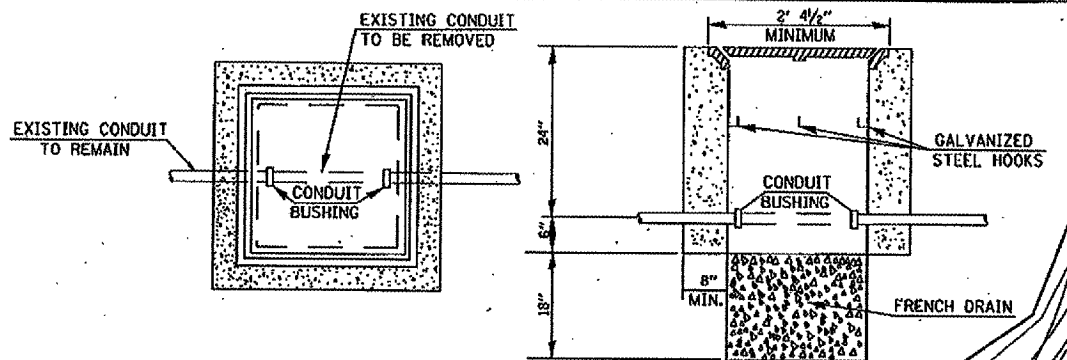


BUTT JOINT AT PROFILE CORRECTION AREAS

- STA. 288+50± (N.B.)
- STA. 289+40± (S.B.)
- STA. 296+96± (N.B.)
- STA. 297+03± (S.B.)
- STA. 300+25± (S.B.)
- STA. 300+44± (N.B.)
- STA. 306+45± (N.B.)
- STA. 306+70± (S.B.)
- STA. 333+55± (N.B.)
- STA. 336+78± (S.B.)

* COST OF SAWCUT TO BE INCLUDED IN SURFACE REMOVAL - BUTT JOINT

FILE NAME • C48_JOINT.DTL.S.ILL150.dgn	USER NAME • ewalz	DESIGNED - DHP	REVISED - 03/12/08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BUTT JOINT DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE • 1/8"=1'	DRAWN - EOW	REVISIONS					674	410, 410-1-1	ST. CLAIR	41	40
PLOT DATE • 3/12/2008	CHECKED - SAR	REVISIONS	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 76B14			
DATE - 01/30/08	REVISIONS	REVISIONS					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



**DETAIL
HANDHOLE TO INTERCEPT
EXISTING CONDUIT***

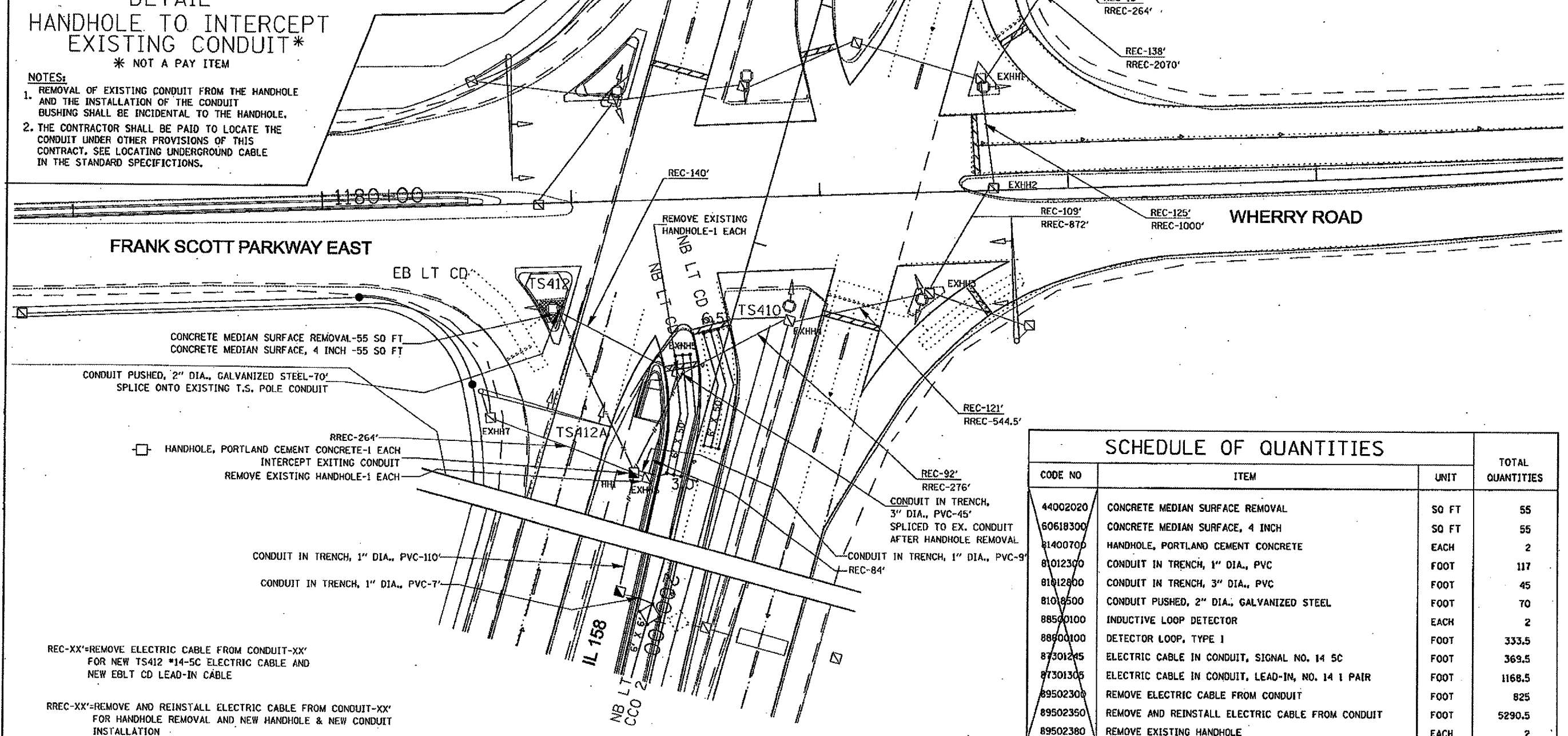
* NOT A PAY ITEM

- NOTES:**
1. REMOVAL OF EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHING SHALL BE INCIDENTAL TO THE HANDHOLE.
 2. THE CONTRACTOR SHALL BE PAID TO LOCATE THE CONDUIT UNDER OTHER PROVISIONS OF THIS CONTRACT. SEE LOCATING UNDERGROUND CABLE IN THE STANDARD SPECIFICATIONS.

**DETECTOR LOOP REQUIREMENTS AND CALCULATIONS
FOR IL 158 AND FRANK SCOTT PARKWAY/WHERRY ROAD**

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (µH)	CALCULATED RESISTANCE OHMS (R)
NB LT CCO 1	1	6' X 6'	3	370.0	3.0
NB LT CD 1	1	6' X 50' Q	3-6-3	873.8	3.6
NB LT CD 2	1	6' X 50' Q	3-6-3	846.3	3.0

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE, ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.



SCHEDULE OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES
44002020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	55
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SO FT	55
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	117
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	45
81013500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	70
88500100	INDUCTIVE LOOP DETECTOR	EACH	2
88900100	DETECTOR LOOP, TYPE 1	FOOT	333.5
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	369.5
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1168.5
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	825
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	5290.5
89502380	REMOVE EXISTING HANDHOLE	EACH	2