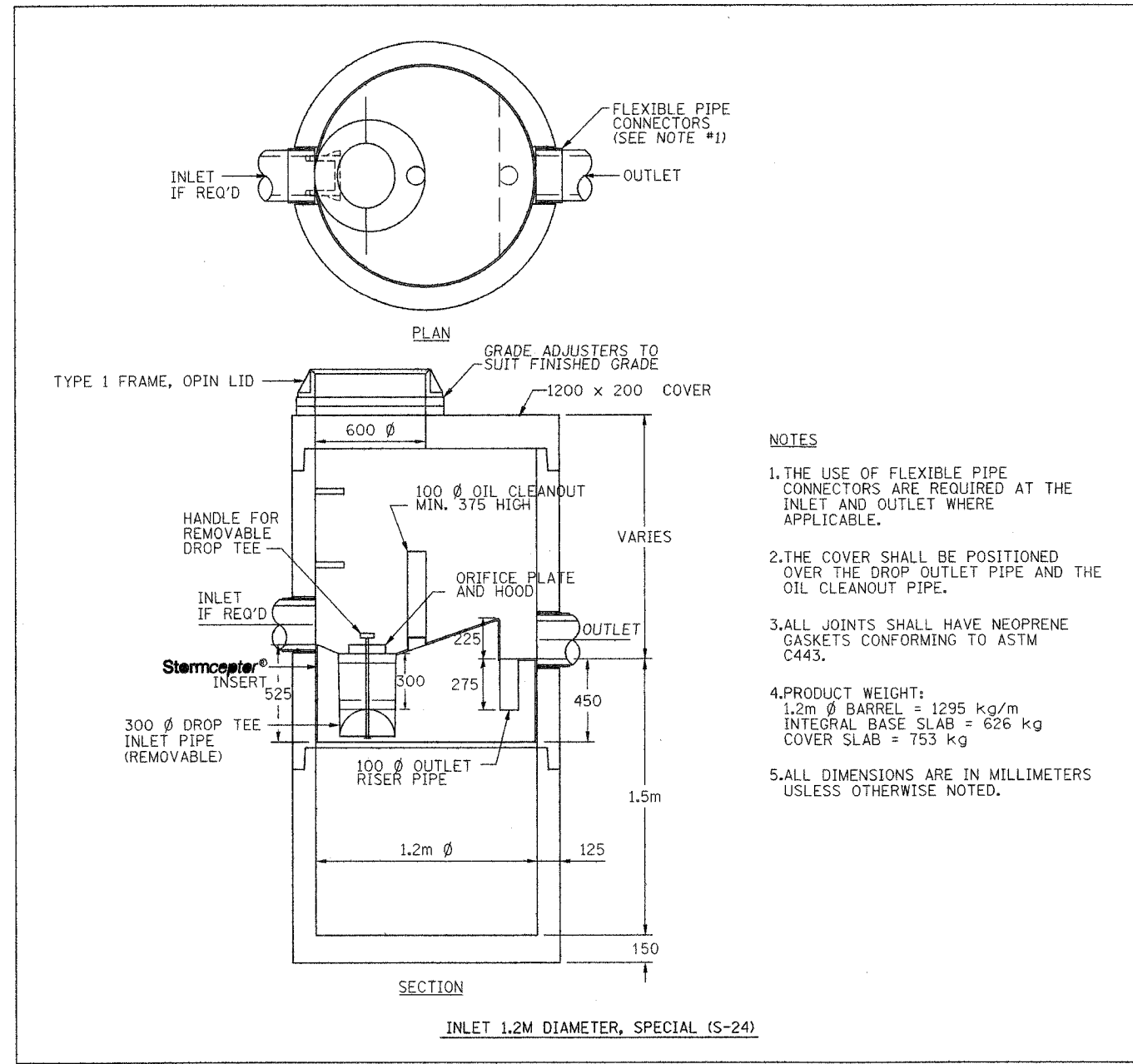
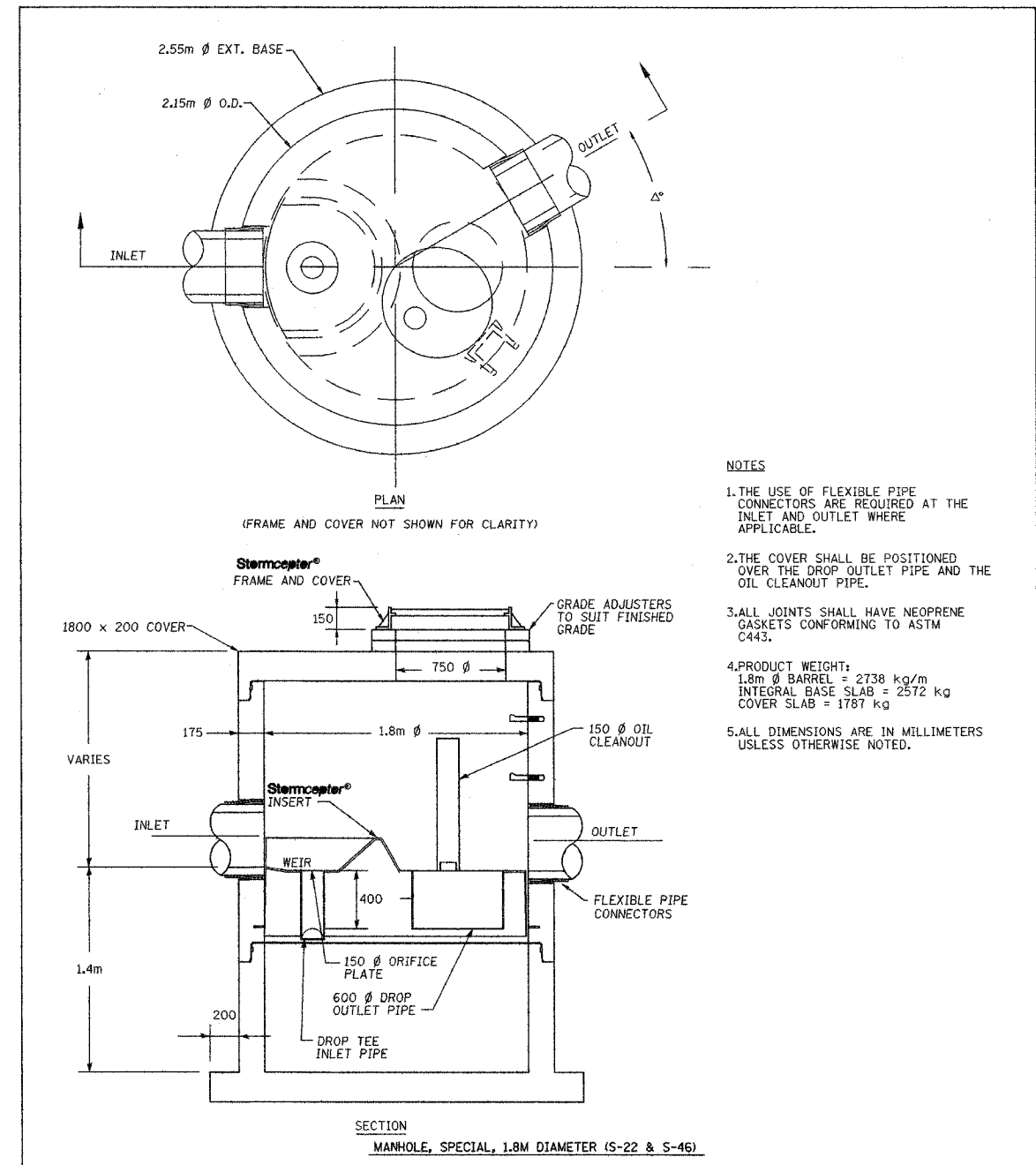


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	201
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62030				



- NOTES**
1. THE USE OF FLEXIBLE PIPE CONNECTORS ARE REQUIRED AT THE INLET AND OUTLET WHERE APPLICABLE.
  2. THE COVER SHALL BE POSITIONED OVER THE DROP OUTLET PIPE AND THE OIL CLEANOUT PIPE.
  3. ALL JOINTS SHALL HAVE NEOPRENE GASKETS CONFORMING TO ASTM C443.
  4. PRODUCT WEIGHT:  
1.2m Ø BARREL = 1295 kg/m  
INTEGRAL BASE SLAB = 626 kg  
COVER SLAB = 753 kg
  5. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.



- NOTES**
1. THE USE OF FLEXIBLE PIPE CONNECTORS ARE REQUIRED AT THE INLET AND OUTLET WHERE APPLICABLE.
  2. THE COVER SHALL BE POSITIONED OVER THE DROP OUTLET PIPE AND THE OIL CLEANOUT PIPE.
  3. ALL JOINTS SHALL HAVE NEOPRENE GASKETS CONFORMING TO ASTM C443.
  4. PRODUCT WEIGHT:  
1.8m Ø BARREL = 2738 kg/m  
INTEGRAL BASE SLAB = 2572 kg  
COVER SLAB = 1787 kg
  5. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

REVISIONS	
NAME	DATE

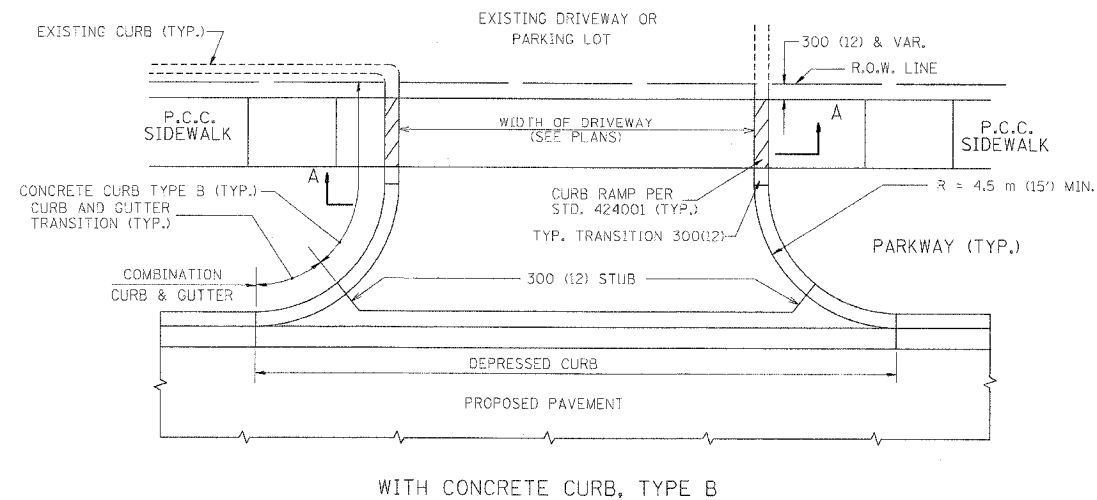
ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 22

**CONSTRUCTION DETAILS**

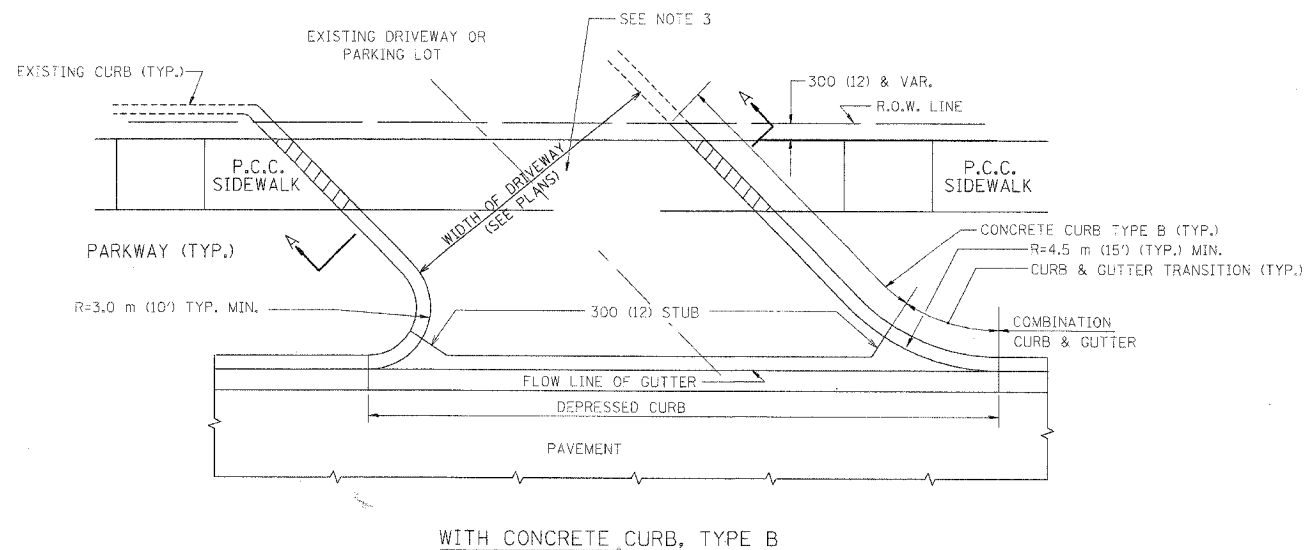
SCALE NTS  
DATE 03/11/05

DRAWN BY SMP  
CHECKED BY BDH

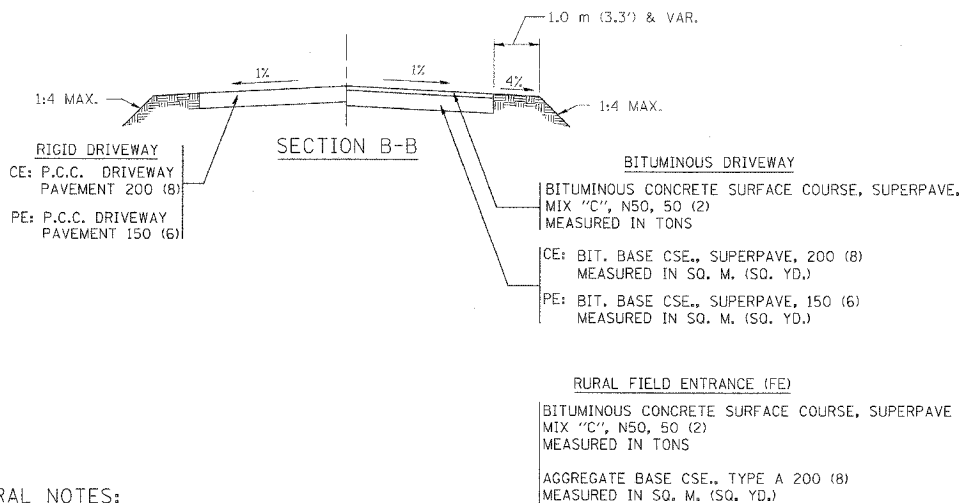
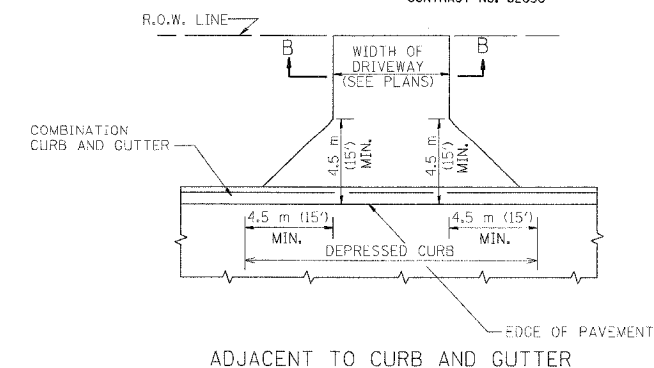
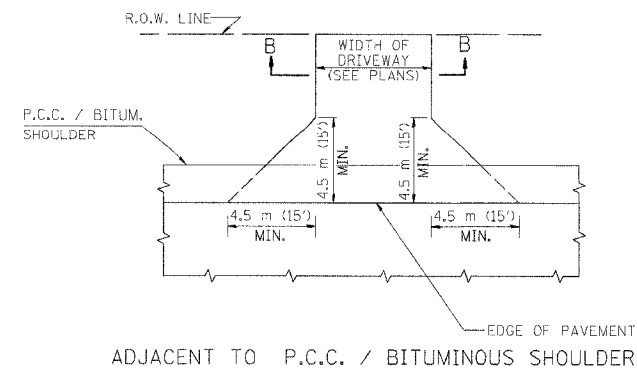
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	202
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



**GENERAL NOTES:**

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

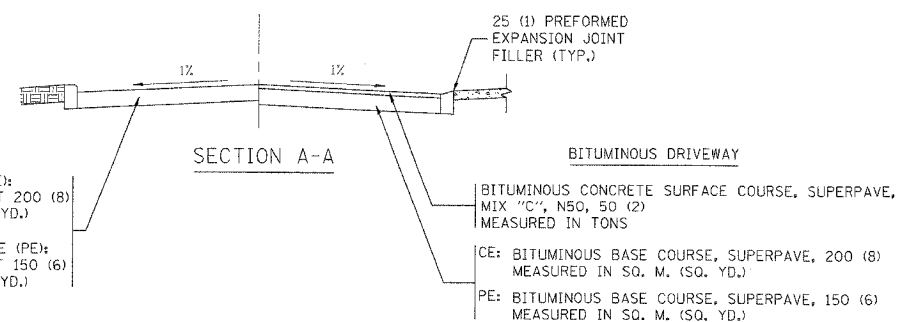
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 1.2 METERS (4 FEET) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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

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

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

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



ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

ILLINOIS DEPARTMENT OF TRANSPORTATION

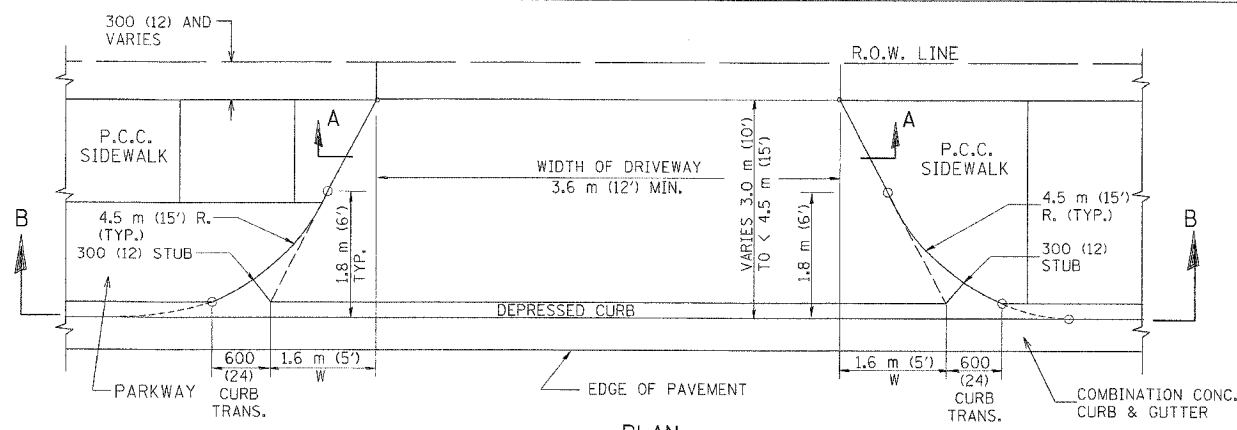
DRIVEWAY DETAILS  
 DISTANCE BETWEEN R.O.W. AND FACE OF CURB / EDGE OF SHOULDER >= 4.5 m (15')

REVISIONS	
NAME	DATE
P. LOFLEUR	04-15-03
R. SHAH	11-04-95
J. POLLASTRINI	08-12-96
J. POLLASTRINI	12-14-96
A. ABBAS	03-21-97
T. HOLTZ	04-08-97
M. GOMEZ	04-06-01

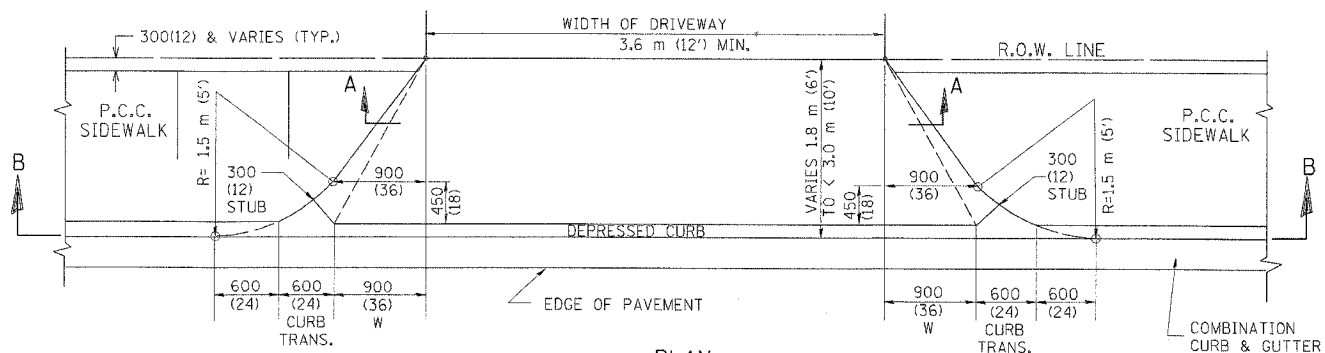
SCALE: NONE  
 DATE PLOTTED: 04/17/2003  
 DRAWN BY: SG  
 CHECKED BY: JFP



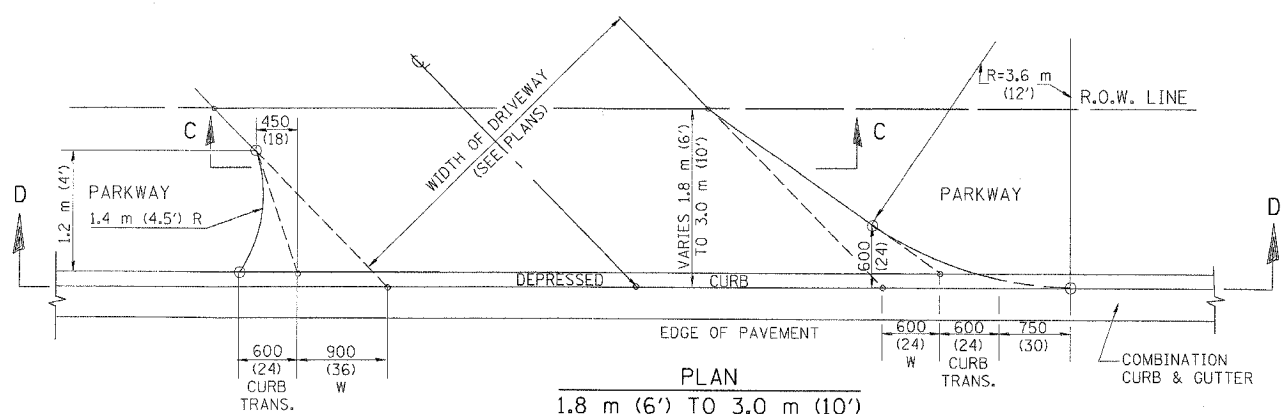
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	203
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62030				



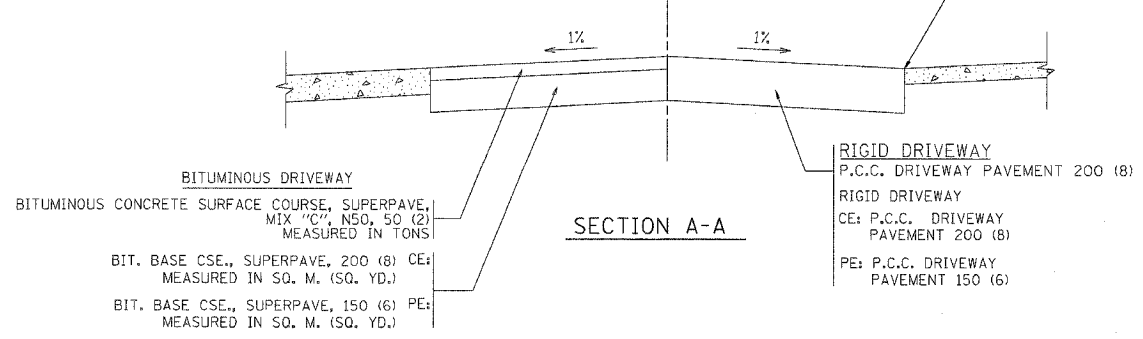
PLAN  
3.0 m (10') TO < 4.5 m (15')



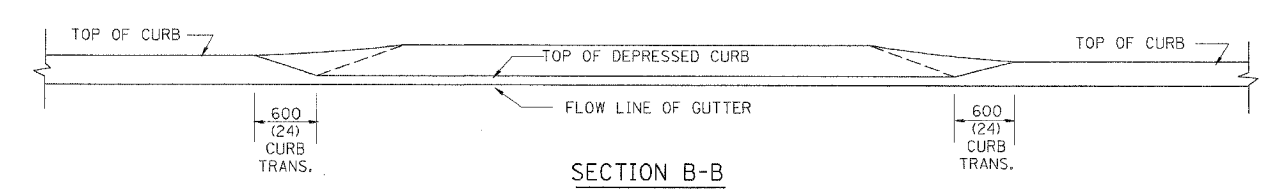
PLAN  
1.8 m (6') < 3.0 m (10')



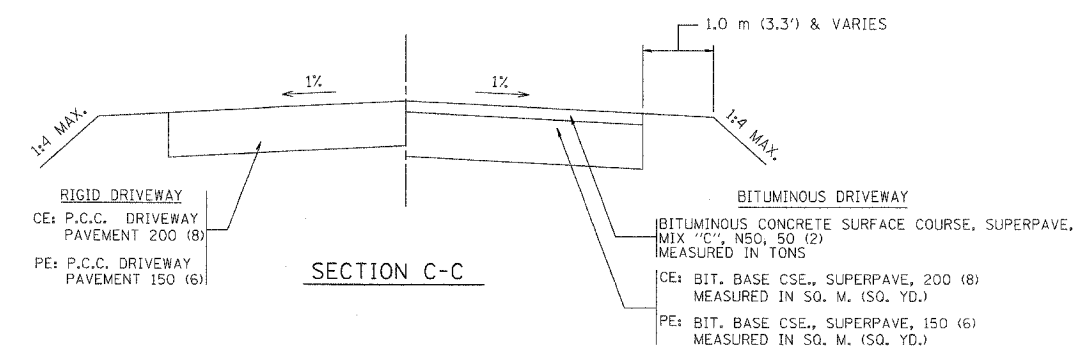
PLAN  
1.8 m (6') TO 3.0 m (10')



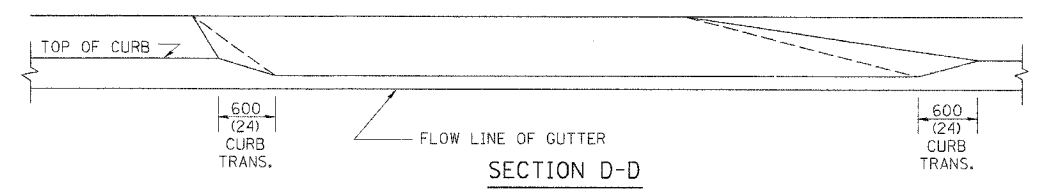
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 2.4 M (8'), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

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

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

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

"W" VARIES FROM 900 (36) TO 1.5 m (5 FT.) PROPORTIONAL TO THE LENGTH (L), FROM 1.8 m (6 FT.) TO 3 m (10 FT.).

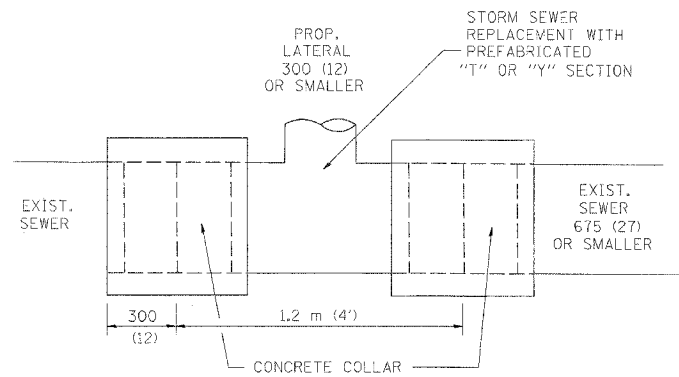
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DRIVEWAY DETAILS  
DISTANCE BETWEEN ROW AND FACE OF CURB < 4.5 m (15')

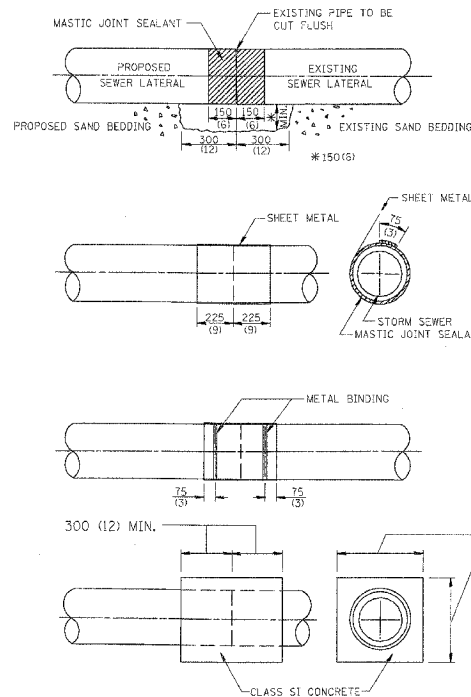
REVISIONS	
NAME	DATE
P. LOFLEUR	04/15/03
M. GOMEZ	04/06/01
R. SHAH	11/06/95
J. POLLASTRINI	08/12/96
J. POLLASTRINI	12/14/96
A. ABBAS	03/21/97
T. HOLTZ	04/08/97

SCALE: NONE  
DATE PLOTTED 04/17/2003  
DRAWN BY: SG  
CHECKED BY: JFP  
BD400-02 (80-02)  
REVISION DATE: 04/15/03

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	204
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				



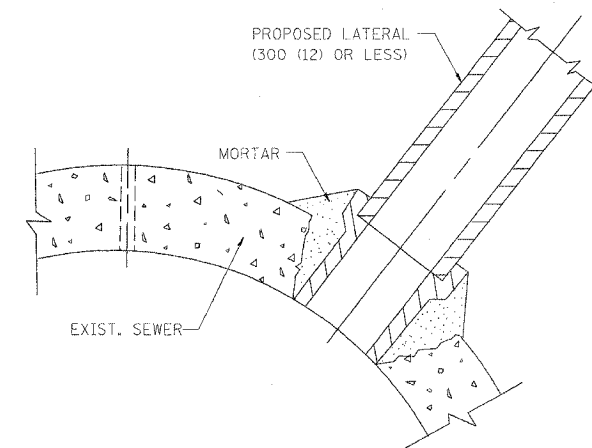
DETAIL "A"  
LATERAL CONNECTION TO EXISTING SEWER  
OF 675 (27) OR SMALLER



DETAIL "B"  
CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

- CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
- APPLY THE MASTIC JOINT SEALANT TO THE FIRST 150 (6) OF EACH PIPE.
- BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 300 X 150 (12 X 6) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
- CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 450 (18) WIDE BY THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 75 (3) LONG.
- WRAP THE SHEET METAL AROUND THE PIPES, 225 (9) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
- LAP THE SHEET METAL AT LEAST 75 (3) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
- PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
- WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
- PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"  
PROPOSED LATERAL  
CONNECTION TO EXISTING SEWER  
OF 750 (30) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

- THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.
- CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 675 (27) OR SMALLER SEE DETAIL "A" AND "B".
  - PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 750 (30) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DETAIL OF STORM SEWER  
CONNECTION TO EXISTING SEWER

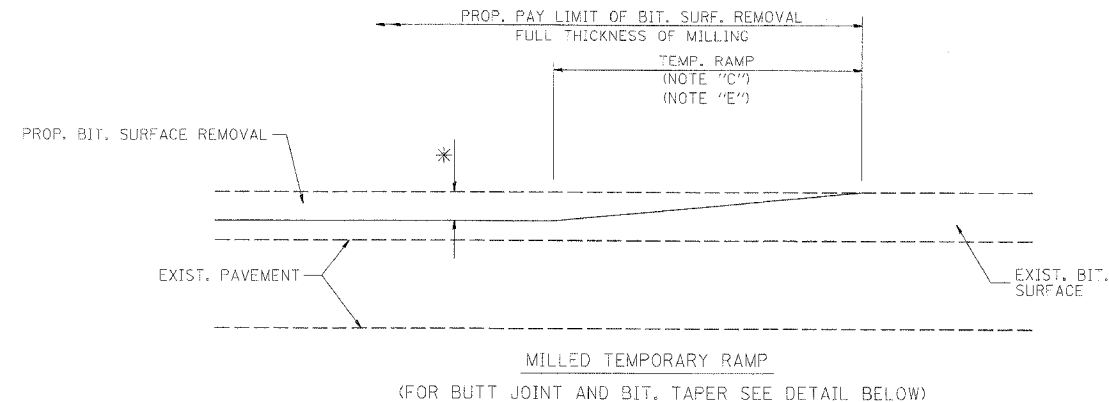
REVISIONS	
NAME	DATE
M. DE YONG	07/25/90
M. DE YONG	02/05/92
M. DE YONG	05/08/92
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	06/12/96

SCALE: NONE  
DATE 10/18/2002

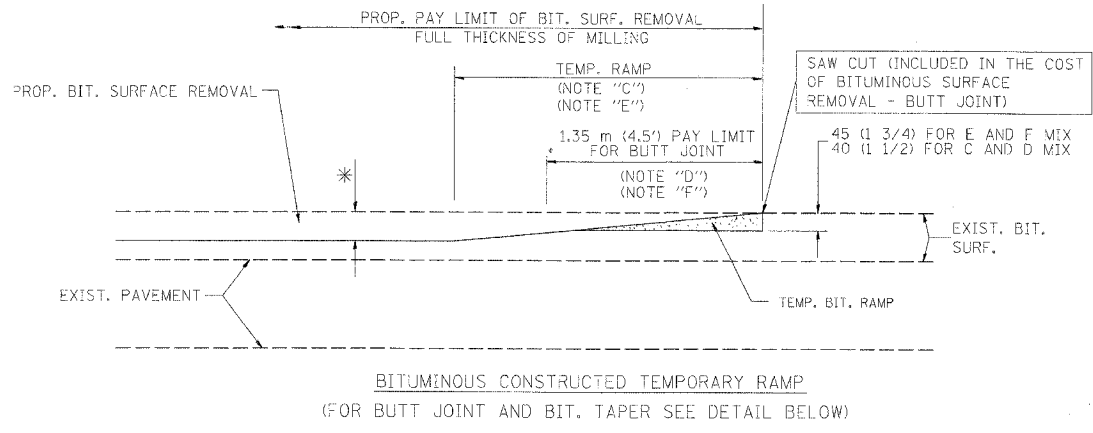
DRAWN BY CADD  
CHECKED BY  
BD500-01 (BD-7)  
REVISION DATE: 06/12/96



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	206
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62030				

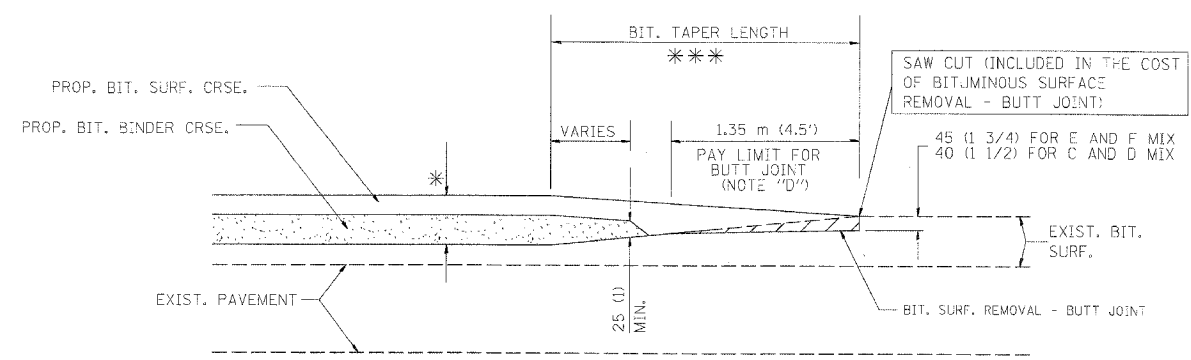


OPTION 1



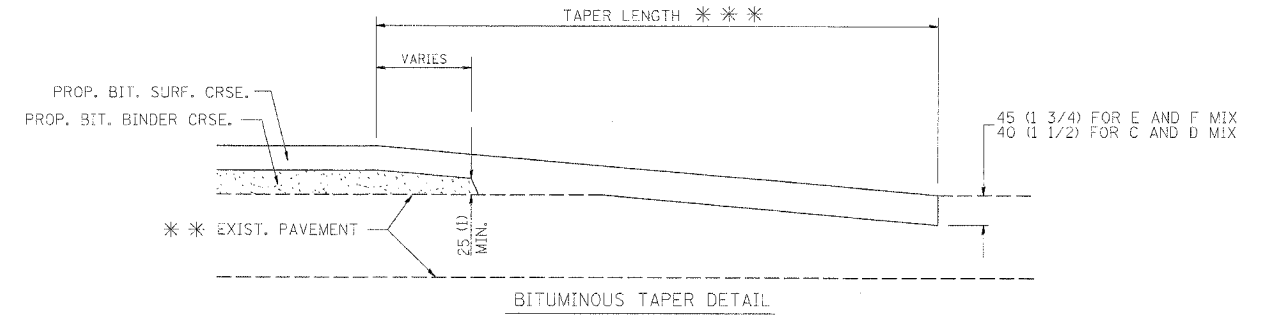
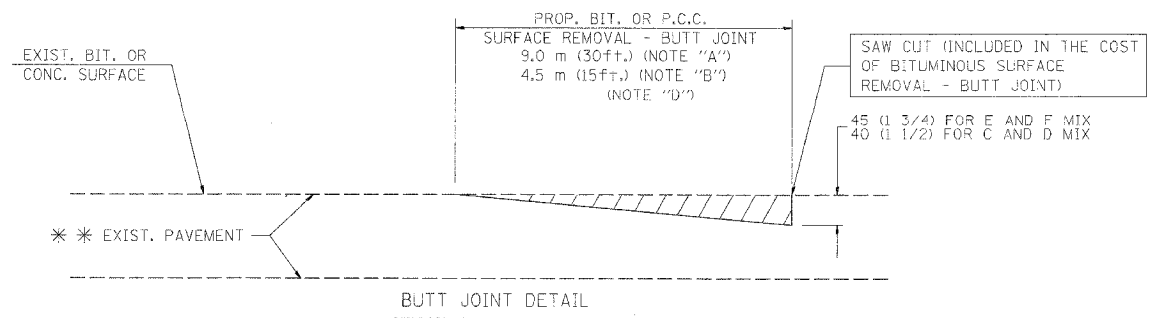
OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT AND BITUMINOUS TAPER

TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR RESURFACING ONLY

\*\*\* PC CONCRETE, BITUMINOUS OR BITUMINOUS RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING BITUMINOUS SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED BITUMINOUS COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 900 (3 +/-) PER INCH OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 1.35 m (4.5') TEMP. BIT. RAMP WILL BE PAID AS "BITUMINOUS SURFACE REMOVAL - BUTT JOINT".
  - G: SEE ARTICLE 406.18 AND 406.24 OF THE STANDARD SPECIFICATIONS FOR "BITUMINOUS AND PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \*\*\* 6.1 m (20') PER 25 (1) RESURFACING (NOTE "A")  
3.0 m (10') PER 25 (1) RESURFACING (NOTE "B")

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

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR PER SQUARE METER (SQUARE YARD.) AS "BITUMINOUS SURFACE REMOVAL - BUTT JOINT" OR AS "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01

ILLINOIS DEPARTMENT OF TRANSPORTATION

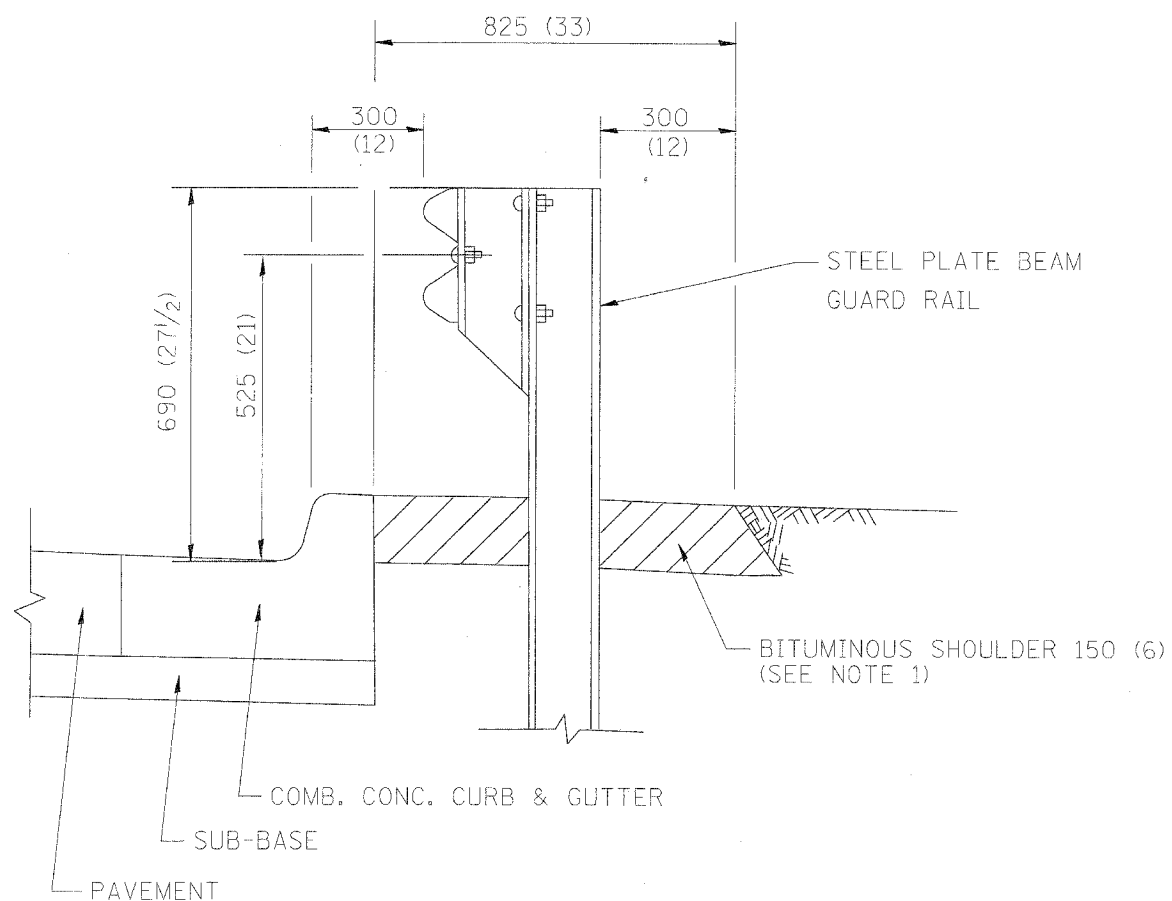
BUTT JOINT AND BITUMINOUS TAPER DETAILS

SCALE: NONE  
DATE PLOTTED: 10/18/2002  
DRAWN BY  
CHECKED BY  
BD400-05 (VI-BD32)

\*DATE TIME\*  
\*DGN-SPEC\*  
VI-BD32

REVISION DATE: 04/06/01

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	207
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

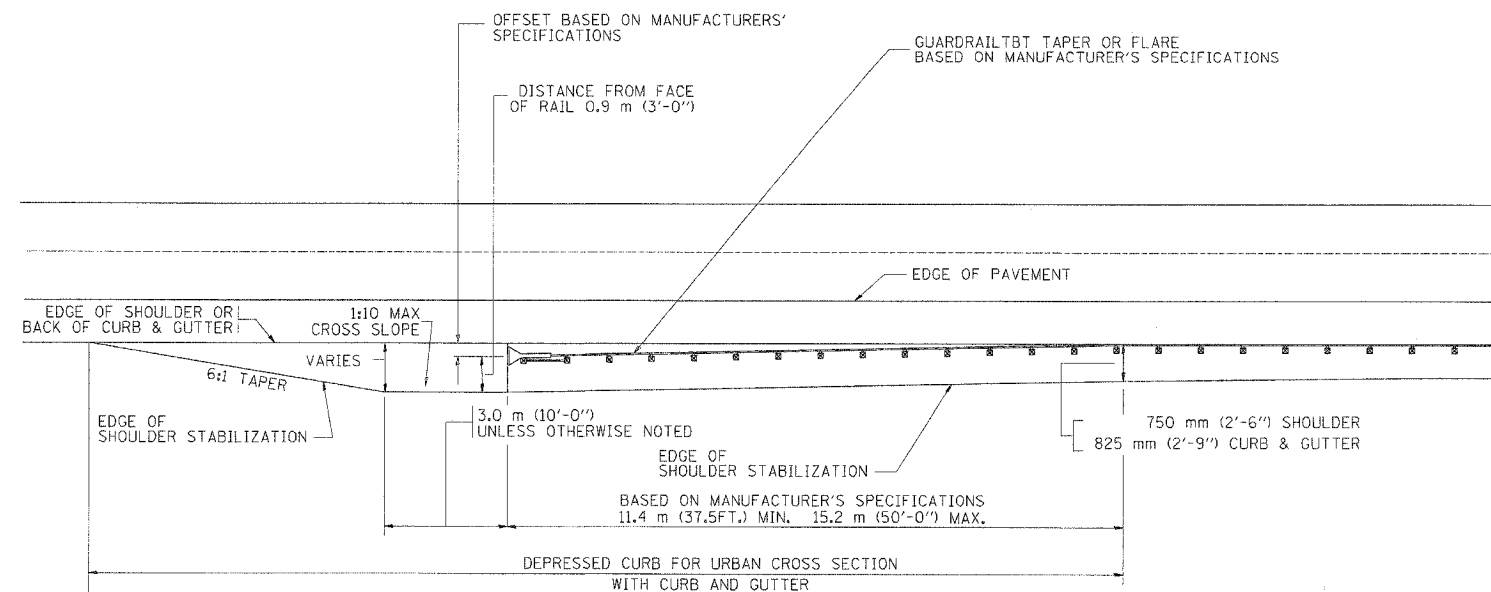


- NOTES: 1. THE BITUMINOUS SHOULDER SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL
2. GUARD RAIL MAY BE PLACED AT THE BACK OF CURB WHEN DIRECTED BY THE ENGINEER.

BASIS OF PAYMENT: BITUMINOUS SHOULDER 150 (6) WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER m<sup>2</sup> (sq. yd.) AS "BITUMINOUS SHOULDER 150 (6)."

STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER  
[FOR ROADWAY SPEED 60 kmh (35 MPH) TO 70 kmh (45 MPH)]



STABILIZATION AT TBT TY. 1 SPL.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAILS FOR  
STEEL PLATE BEAM GUARD RAIL  
ADJACENT TO CURB AND GUTTER

STABILIZATION AT TBT TY 1 SPL.

SCALE: NONE

DRAWN BY JIs

DATE 10/18/2002

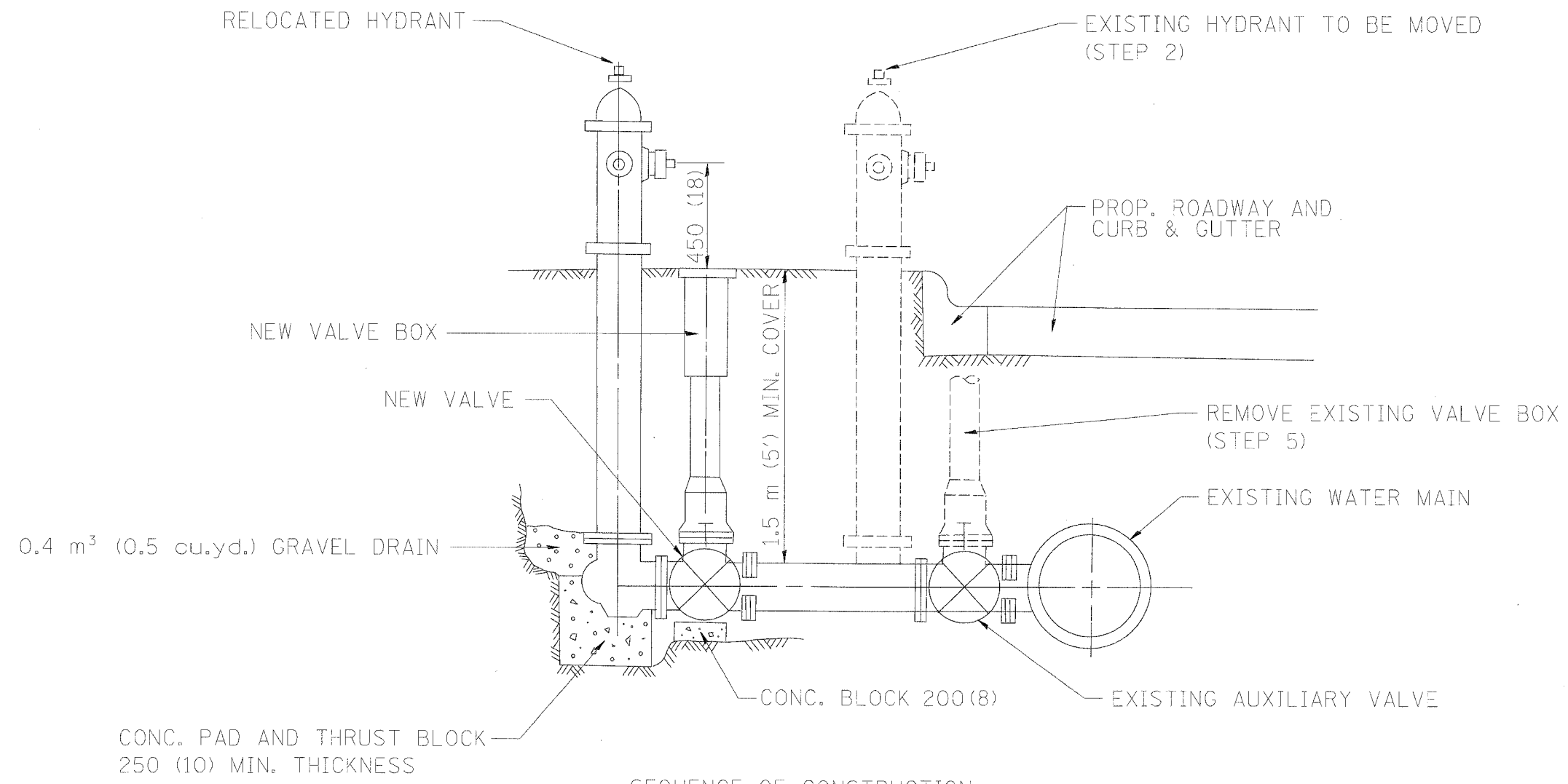
CHECKED BY

BD600-10 (BD 34)

REVISION DATE: 08/28/00

REVISIONS	
NAME	DATE
M. DE YONG	09-22-90
M. DE YONG	07-14-92
R. SHAH	09/09/94
R. SHAH	10/25/94
R. SHAH	02/23/95
A. ABBAS	03/21/97
E. GOMEZ	08/28/00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	208
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

FIRE HYDRANT  
TO BE MOVED

REVISIONS	
NAME	DATE
R. SHAH	09/09/94
R. SHAH	10/25/94

SCALE: NONE  
DATE 10/18/2002

DRAWN BY  
CHECKED BY  
BD500-03 (BD-36)

\*DATE-TIME\*  
\*DCN-SPEC\*  
VH-BD36

REVISION DATE: 10/25/94

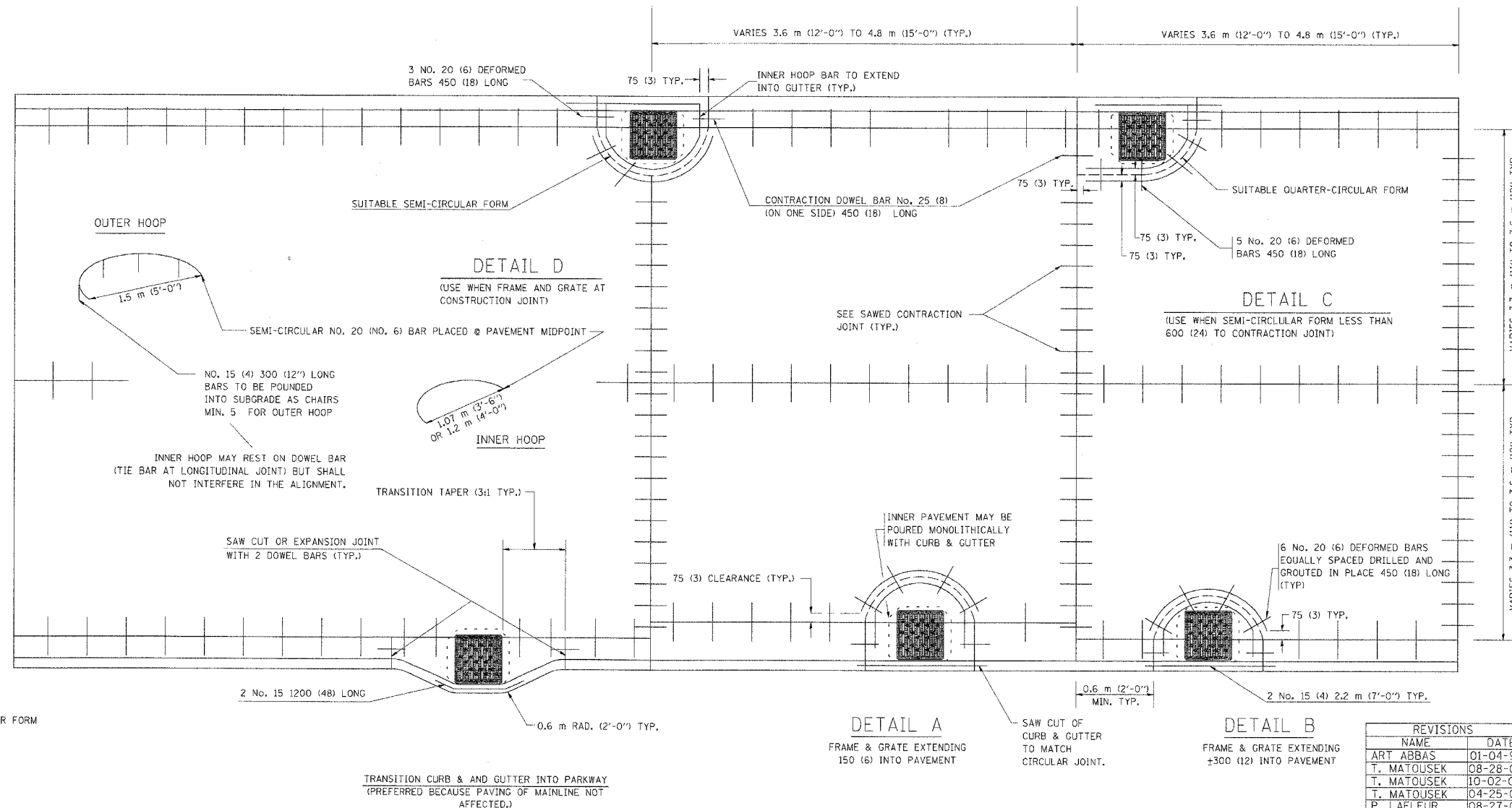
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	209
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

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

**DESIGNER NOTE:**  
THIS DETAIL IS TO BE USED WHEN THE GUTTER FLAG IS LESS THAN 24"

**NOTES:**

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



**LEGEND:**  
 - - - - - CASTING  
 - - - - - SUITABLE SEMI-CIRCULAR FORM

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED

ILLINOIS DEPARTMENT OF TRANSPORTATION

**PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER**

REVISIONS	
NAME	DATE
ART ABBAS	01-04-99
T. MATOUSEK	08-28-00
T. MATOUSEK	10-02-00
T. MATOUSEK	04-25-02
P. LAFLEUR	08-27-02

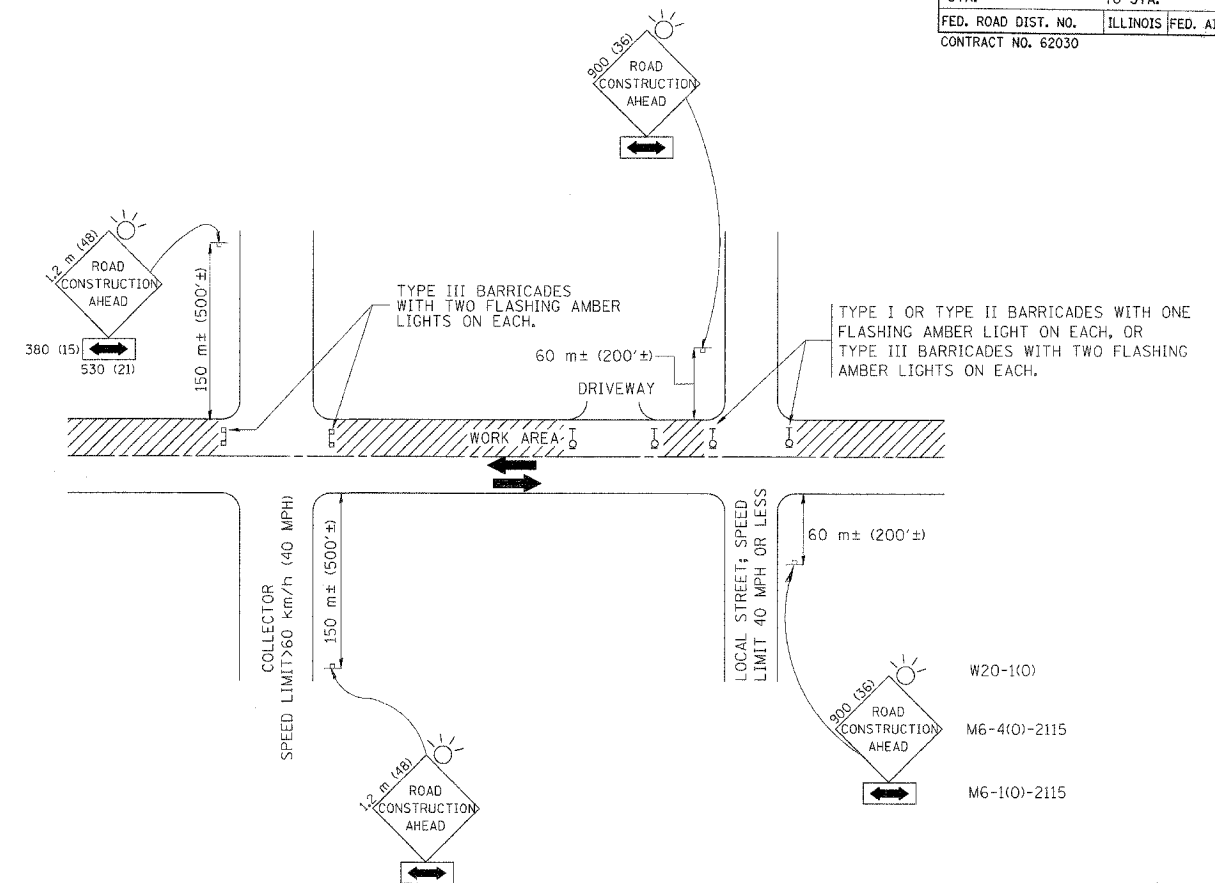
SCALE: NONE  
DATE 10/18/2002

DRAWN BY: TOM MATOUSEK  
CHECKED BY: A. ABBAS

BD-48

REVISION DATE: 10/02/00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	210
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				



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

#### NOTES:

##### A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

- SIDE ROAD WITH A SPEED LIMIT OF 60 km/h (40 MPH) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE **ROAD CONSTRUCTION AHEAD** SIGN 900x900 (36x36) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 60 m (200') IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 60 km/h (40 MPH) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - ONE **ROAD CONSTRUCTION AHEAD** SIGN 1.2 m x 1.2 m (48x48) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 150 m (500') IN ADVANCE OF THE MAIN ROUTE.
  - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

##### B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

##### C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL AND PROTECTION**  
 FOR  
**SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: VERT.  
 HORIZ.  
 DATE 10/18/2002

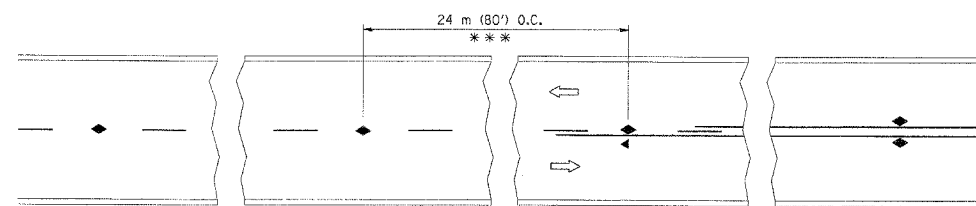
DRAWN BY  
 CHECKED BY

TC-10

REVISION DATE: 01/06/00

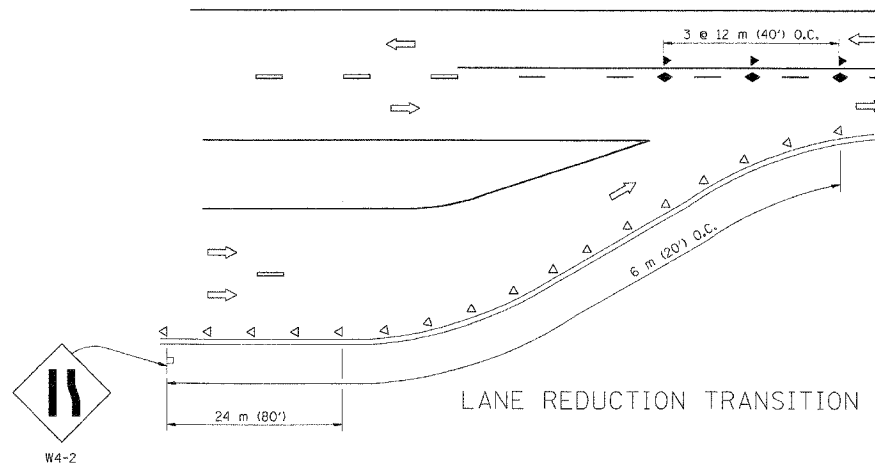


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	211
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

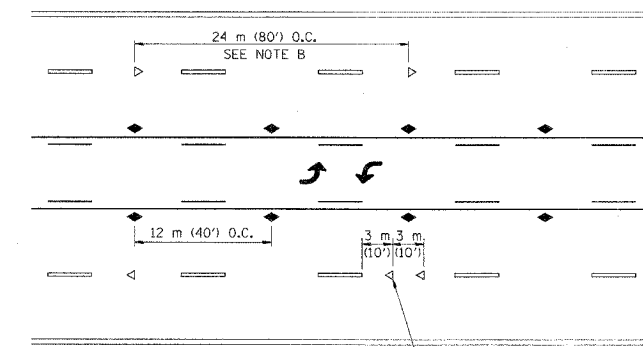


\*\*\* REDUCE TO 12 m (40') O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 70 km/h (45 M.P.H.) OR LESS.

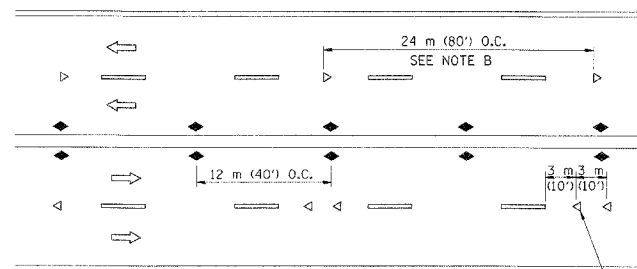
TWO-LANE/TWO-WAY



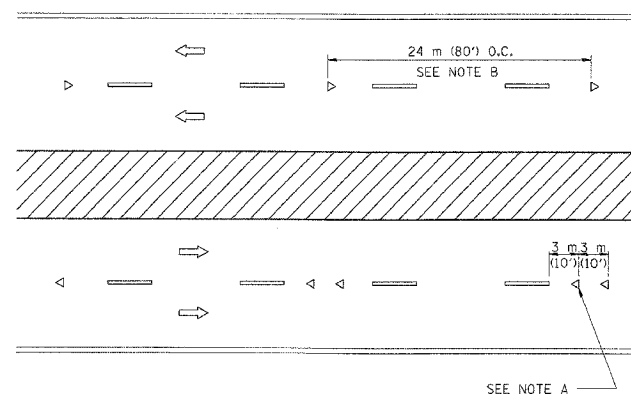
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 50 TO 75 (2 TO 3) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 150 m (500') IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

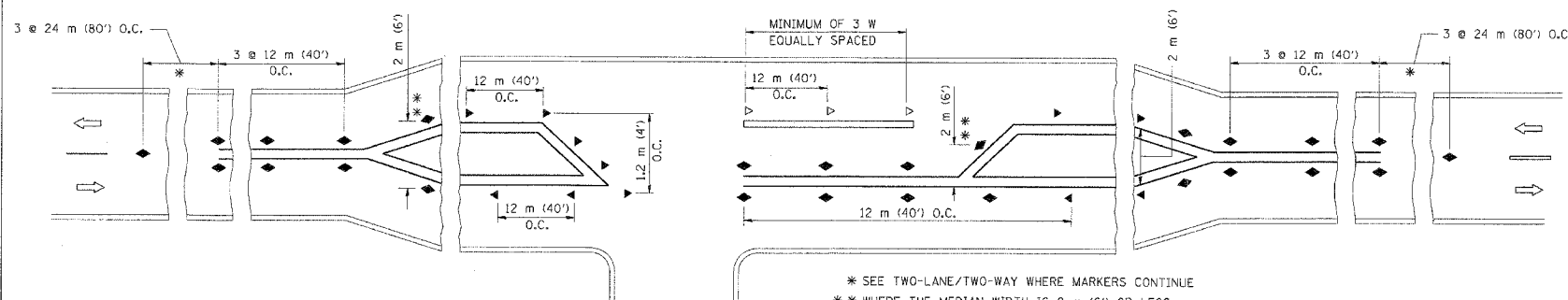
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- B. REDUCE TO 12 m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 20 km/h (10 M.P.H.) LOWER THAN POSTED SPEEDS.
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

\* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE  
 \*\* WHERE THE MEDIAN WIDTH IS 2 m (6') OR LESS USE TWO-WAY MARKERS.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TYPICAL APPLICATIONS  
 RAISED REFLECTIVE PAVEMENT MARKERS  
 (SNOW-PLOW RESISTANT)

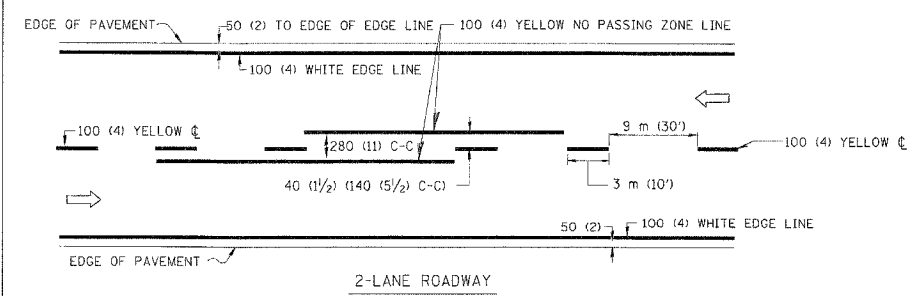
REVISIONS	
NAME	DATE
T. RAMMACHER	09-19-94
T. RAMMACHER	03-12-99
T. RAMMACHER	01-06-00

SCALE: NONE  
 DATE: 10/18/2002

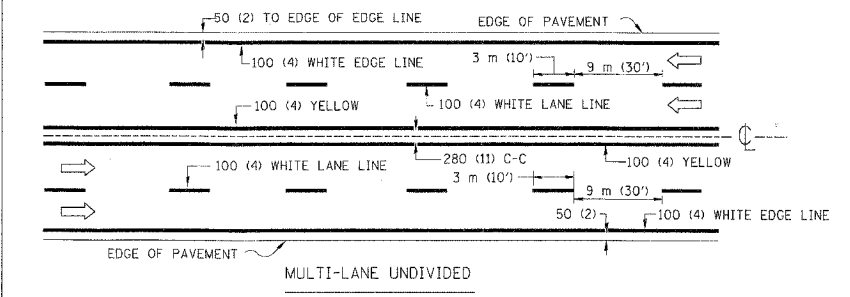
DRAWN BY CADD  
 CHECKED BY TC-11

REVISION DATE: 01/06/00

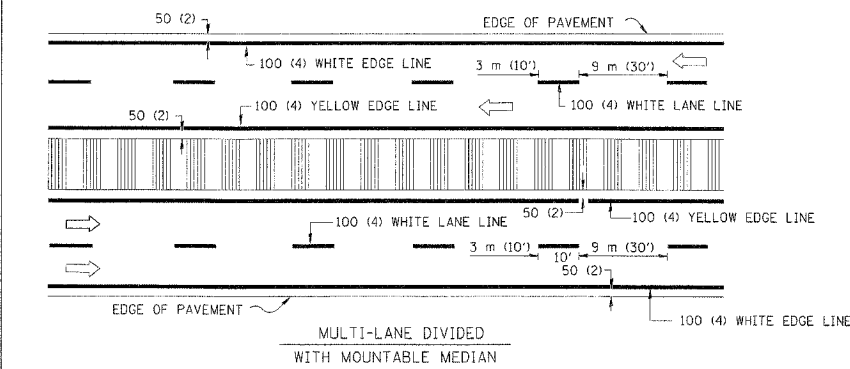
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	2/2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62030				



2-LANE ROADWAY



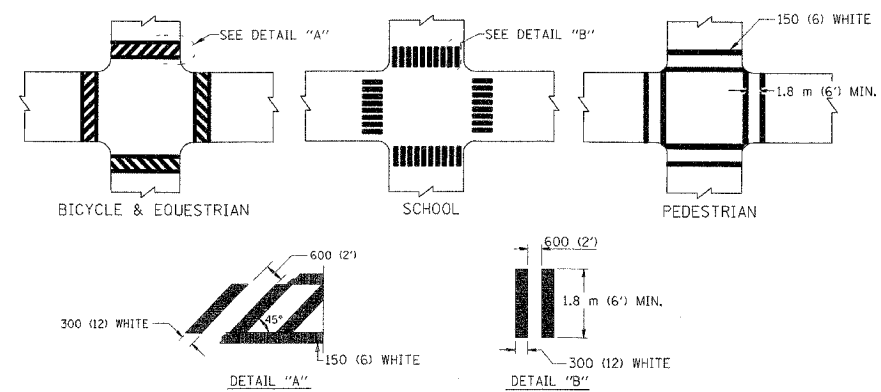
MULTI-LANE UNDIVIDED



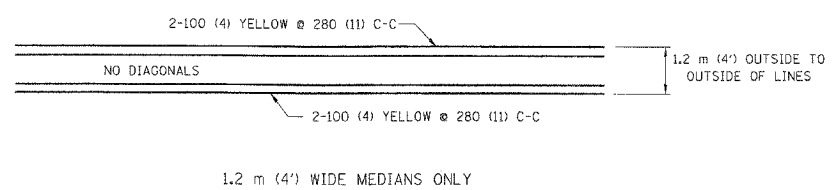
MULTI-LANE DIVIDED WITH MOUNTABLE MEDIAN

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

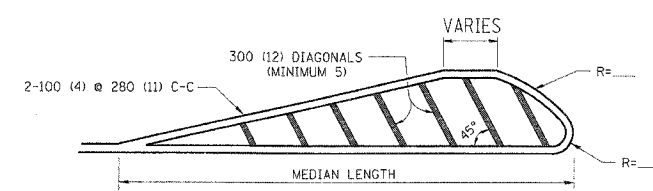
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



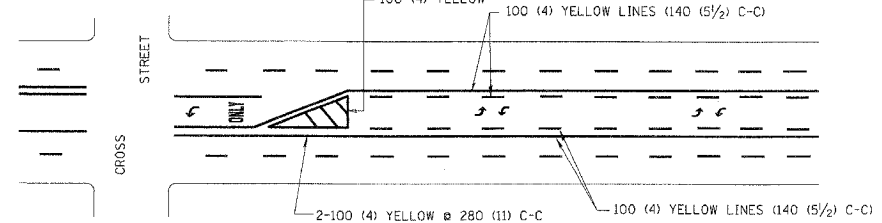
1.2 m (4') WIDE MEDIANS ONLY



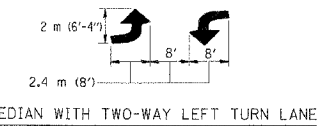
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

MEDIANS OVER 1.2 m (4') WIDE

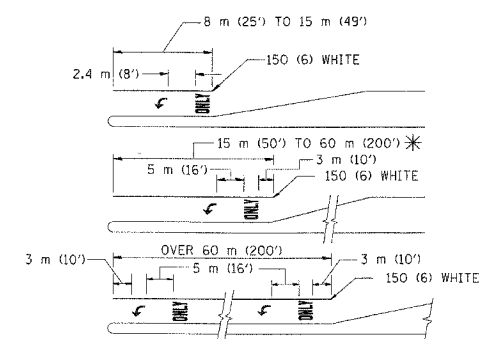


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 60 m (200') TO 90 m (300') INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

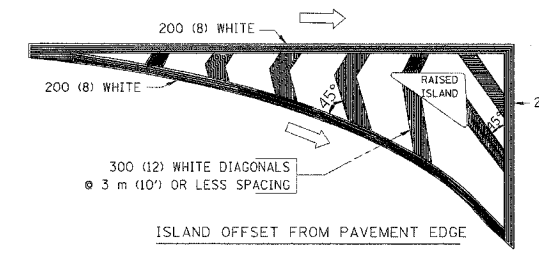


FULL SIZE LETTERS 2.4 m (8') AND ARROWS SHALL BE USED.  
AREA = 1.5 m<sup>2</sup> (15.6 SQ. FT.) ONLY AREA = 1.9 m<sup>2</sup> (20.8 SQ. FT.)

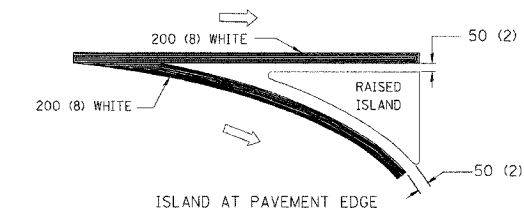
\* TURN LANES IN EXCESS OF 120 m (400') IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	100 (4)	SKIP-DASH	YELLOW	3 m (10') LINE WITH 9 m (30') SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 100 (4)	SOLID	YELLOW	280 (11) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION	100 (4)	SOLID	YELLOW	140 (5 1/2) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES: FOR BOTH DIRECTIONS	2 @ 100 (4)	SOLID	YELLOW	280 (11) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	100 (4)	SKIP-DASH	WHITE	3 m (10') LINE WITH 9 m (30') SPACE
LANE LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	125 (5) ON FREEWAYS	SKIP-DASH	WHITE	SAME AS LINE BEING EXTENDED
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	WHITE	SAME AS LINE BEING EXTENDED
EDGE LINES	100 (4)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	150 (6) LINE; FULL SIZE LETTERS & SYMBOLS (2.4 m (8'))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 100 (4) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	3 m (10') LINE WITH 9 m (30') SPACE FOR SKIP-DASH; 140 (5 1/2) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
TWO WAY LEFT TURN MARKING	2.4 m (8') LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN)	2 @ 150 (6)	SOLID	WHITE	NOT LESS THAN 1.8 m (6') APART
CROSSWALK LINES (BIKE & EQUESTRIAN)	300 (12) @ 45°	SOLID	WHITE	600 (2') APART
CROSSWALK LINES (LONGITUDINAL BARS (SCHOOL))	300 (12) @ 90°	SOLID	WHITE	600 (2') APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	600 (24)	SOLID	WHITE	PLACE 1.2 m (4') IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 100 (4) WITH 300 (12) DIAGONALS @ 45°	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	280 (11) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
NO DIAGONALS USED FOR 1.2 m (4') WIDE MEDIANS				
GORE MARKING AND CHANNELIZING LINES	200 (8) WITH 300 (12) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 4.5 m (15') C-C (LESS THAN 50 km/h (30 MPH)) 6 m (20') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 9 m (30') C-C (OVER 70 km/h (45 MPH))
RAILROAD CROSSING	600 (24) TRANSVERSE LINES; "RR" 15 1.8 m (6') LETTERS; 400 (16) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=0.33m <sup>2</sup> (3.6 SQ. FT.) EACH "X"=5.0 m <sup>2</sup> (54.0 SQ. FT.)
SHOULDER DIAGONALS	300 (12) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	15 m (50') C-C (LESS THAN 50 km/h (30 MPH)) 25 m (75') C-C (50 km/h (30 MPH) TO 70 km/h (45 MPH)) 45 m (150') C-C (OVER 70 km/h (45 MPH))

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

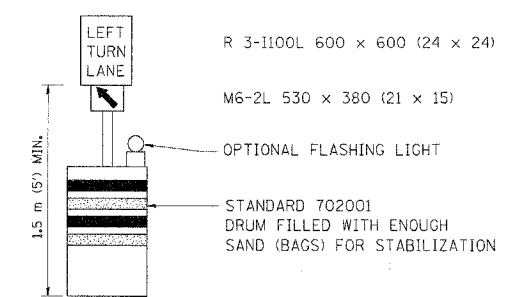
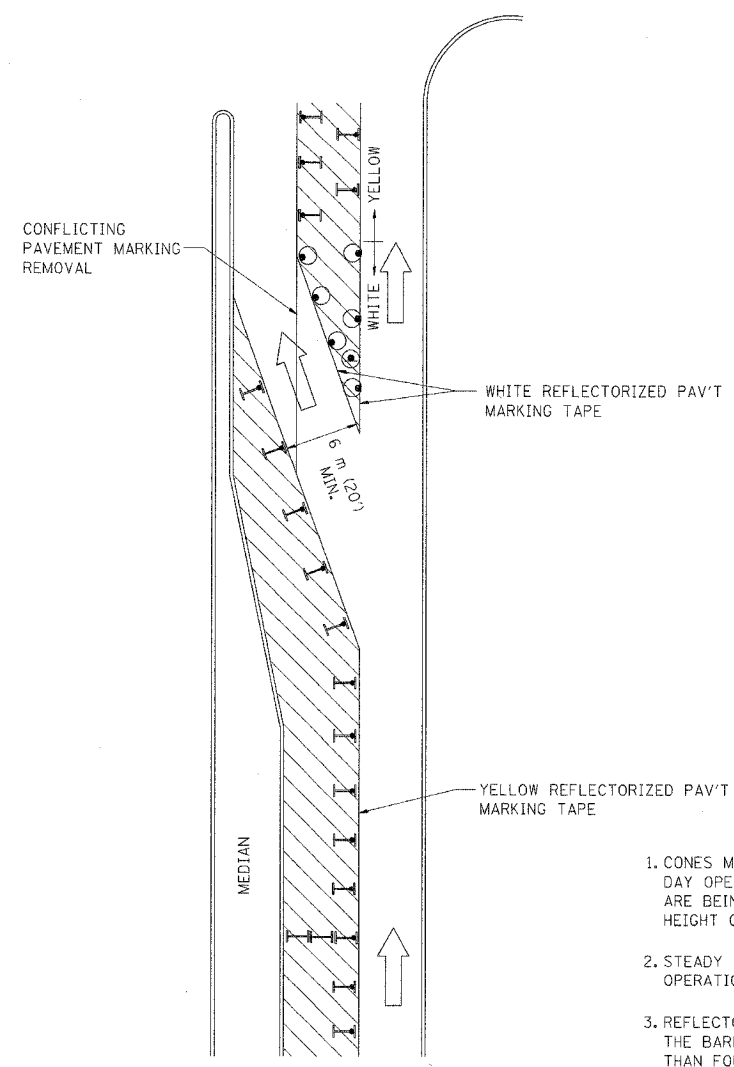
All dimensions are in millimeters (inches) unless otherwise shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS

REVISIONS	
NAME	DATE
EVERS	03-19-90
T. RAMMACHER	10-27-94
ALEX HOUSEH	10-09-96
ALEX HOUSEH	10-17-96
T. RAMMACHER	01-06-00

SCALE: NONE  
DATE 10/18/2002  
DRAWN BY CADD  
CHECKED BY

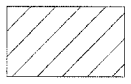





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	2/3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				



**GENERAL NOTES**

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 710 (28) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 1.5 m (5').
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 600 x 600 (24 x 24) AND M6-2R 530 x 380 (21 x 15) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM BT 725 IS REQUIRED.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

**LEGEND**

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

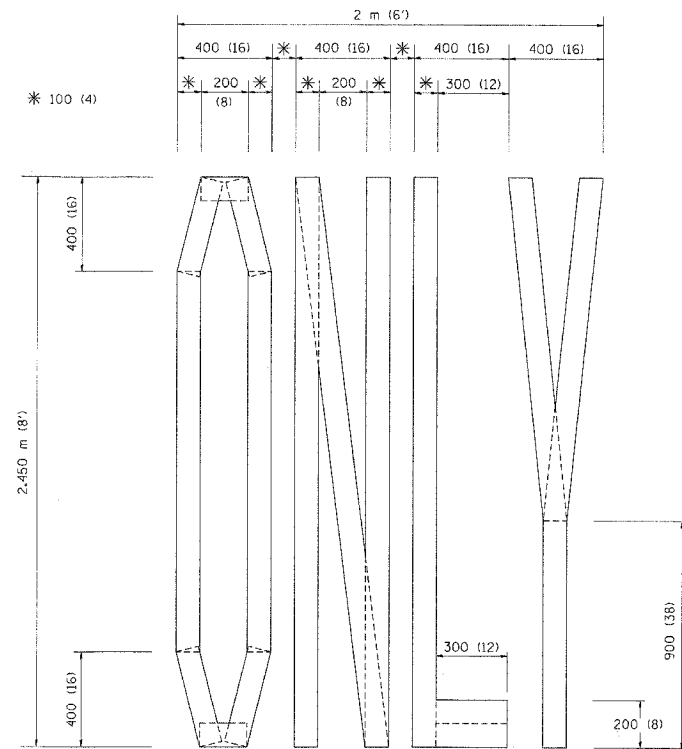
All dimensions are in millimeters (inches) unless otherwise shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL AND PROTECTION  
 AT TURN BAYS  
 (TO REMAIN OPEN TO TRAFFIC)**

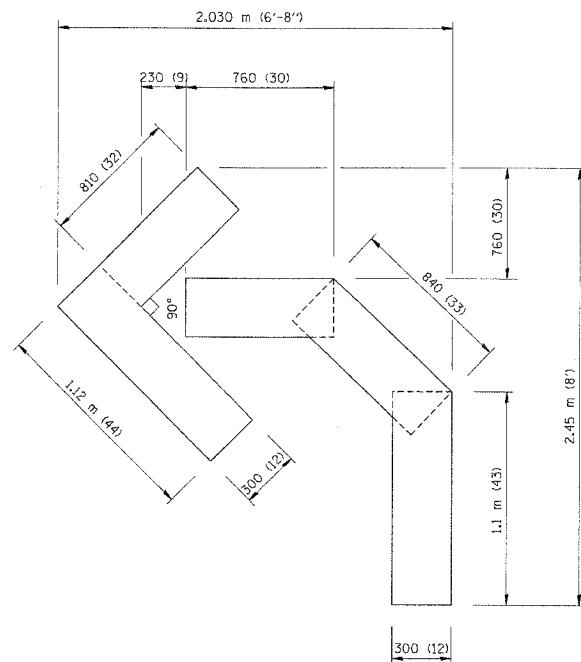
REVISIONS	
NAME	DATE
T. RAMMACHER	09/08/94
A. HOUSEH	11/07/95
A. HOUSEH	10/12/96
T. RAMMACHER	01/06/00

SCALE: NONE  
 DATE: 10/18/2002  
 DRAWN BY: LHA  
 CHECKED BY: LHA  
 TC-14

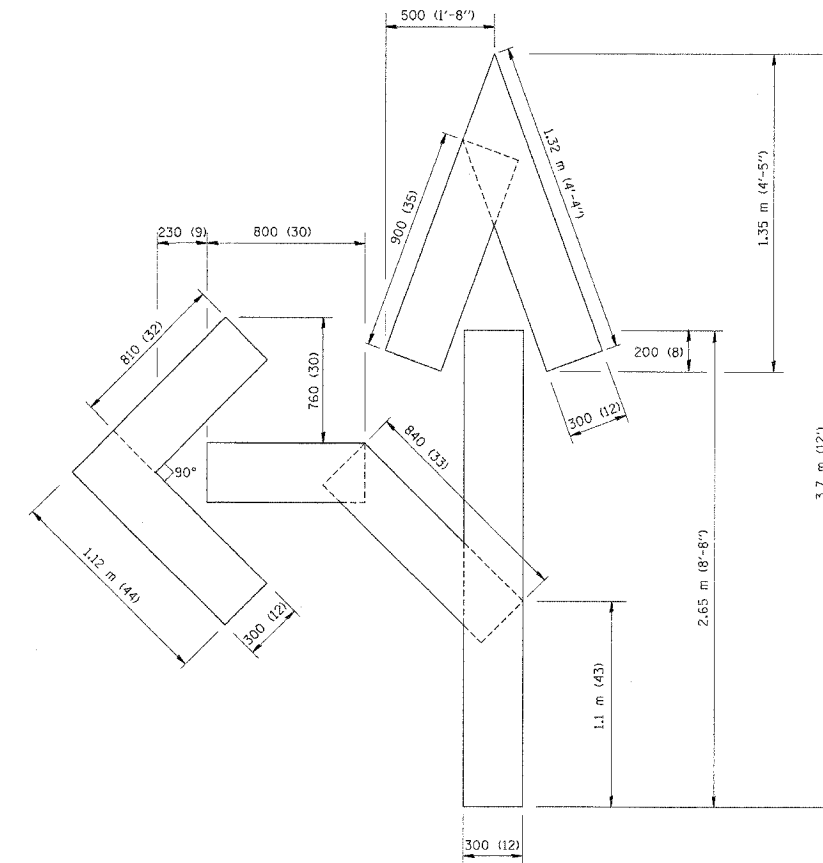
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	214
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				



QUANTITY  
 100 (4) LINE = 19.7 m (64.1 ft.)  
 1.97 sq. m (21.1 sq. ft.)



QUANTITY  
 100 (4) LINE = 13.9 m (45.5 ft.)  
 1.39 sq. m (15.2 sq. ft.)



QUANTITY  
 100 (4) LINE = 25.3 m (82.5 ft.)  
 2.53 sq. m (27.5 sq. ft.)

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING  
 LETTERS AND SYMBOLS  
 FOR TRAFFIC STAGING

REVISIONS	
NAME	DATE
T. RAMMACHER	09/18/94
J. OBERLF	06/01/96
T. RAMMACHER	06/05/96
T. RAMMACHER	11/04/97
T. RAMMACHER	03/02/98
E. GOMEZ	08/28/00

SCALE: NONE  
 DATE 10/18/2002

DRAWN BY CADD

CHECKED BY  
 TC-16

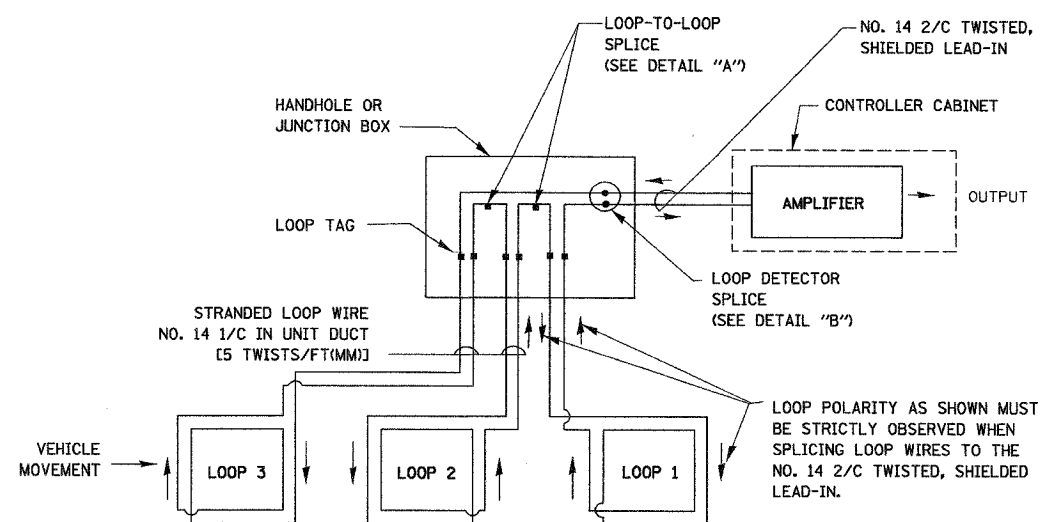
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	2/6
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62030				

### LOOP DETECTOR NOTES

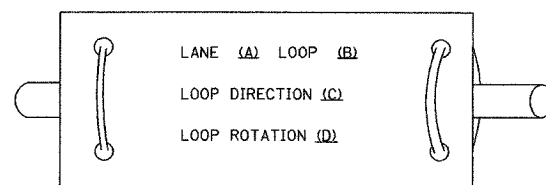
- EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE UNIT DUCT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). UNIT DUCT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
- THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
- EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
- ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
- IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
- LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
- PERFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.



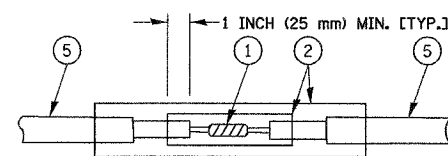
DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

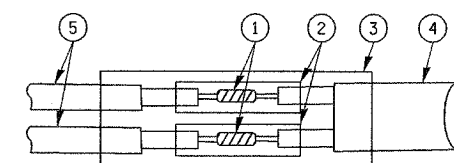
LOOP LEAD-IN CABLE TAG



- LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

#### LOOP DETECTOR SPLICE

- WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- NO. 14 2/C TWISTED, SHIELDED CABLE.
- LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT ONE  
STANDARD TRAFFIC SIGNAL  
DESIGN DETAILS

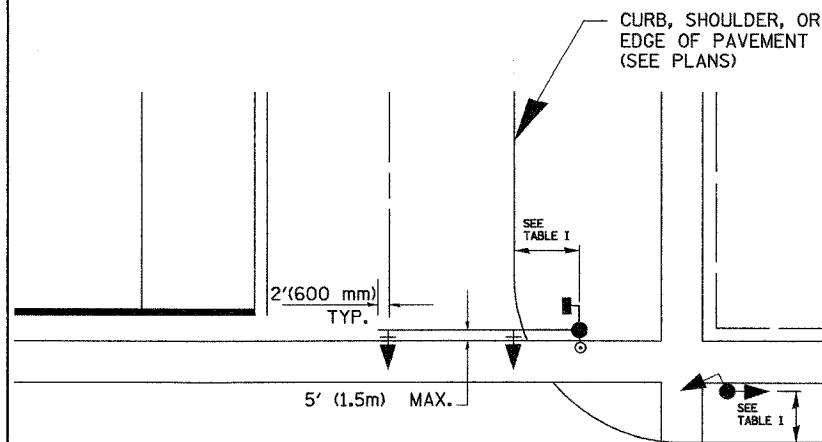
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HORIZ.  
DATE 1-01-02

DRAWN BY: RWP  
DESIGNED BY: DAD  
CHECKED BY: DAZ  
SHEET 1 OF 4

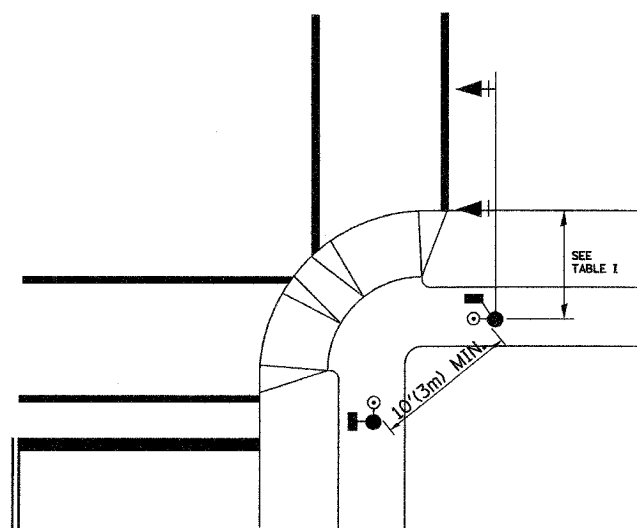
F.A.W. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	2/7
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

**TRAFFIC SIGNAL MAST ARM AND POST**

MAST ARM MOUNTED SIGNAL IN PROPOSED & FUTURE SIDEWALK AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNAL AND PUSHBUTTON DETECTOR



**PEDESTRIAN SIGNAL PUSHBUTTON**



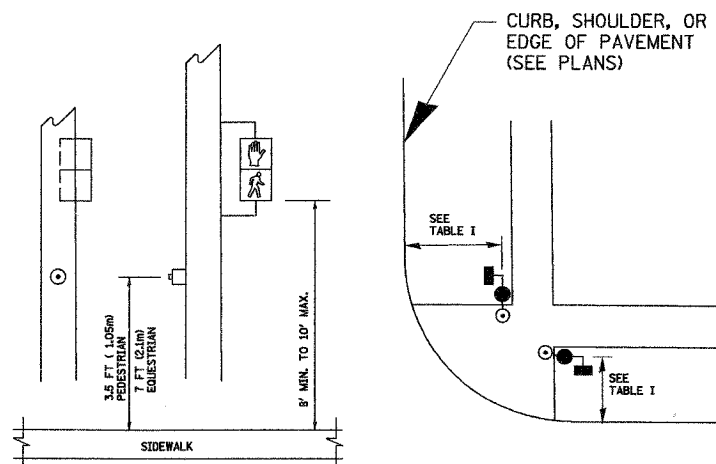
RECOMMENDED PUSHBUTTON LOCATIONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHALL BE IN ACCORDANCE WITH THE CURRENT MUTCD (SEE NOTE 1). TO MEET MUTCD REQUIREMENTS, PEDESTRIAN SIGNAL PUSHBUTTONS MAY HAVE TO BE MOUNTED ON A SEPARATE POST.

**NOTES:**

- AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS WITH PEDESTRIAN ACTUATION, EACH PUSHBUTTON SHALL ACTIVATE BOTH THE WALK INTERVAL AND THE ACCESSIBLE PEDESTRIAN SIGNALS.  
  
AT ACCESSIBLE PEDESTRIAN SIGNAL LOCATIONS, PUSHBUTTONS SHOULD CLEARLY INDICATE WHICH CROSSWALK SIGNAL IS ACTUATED BY EACH PUSHBUTTON. PUSHBUTTONS AND TACTILE ARROWS SHOULD HAVE HIGH VISUAL CONTRAST (SEE THE DEPARTMENT OF JUSTICE'S AMERICANS WITH DISABILITIES ACT STANDARDS FOR ACCESSIBLE DESIGN, 1991). TACTILE ARROWS SHOULD POINT IN THE SAME DIRECTION AS THE ASSOCIATED CROSSWALK. AT CORNERS OF SIGNALIZED LOCATIONS WITH ACCESSIBLE PEDESTRIAN SIGNALS WHERE PEDESTRIAN PUSHBUTTONS ARE PROVIDED, THE PUSHBUTTONS SHOULD BE SEPARATED BY THE DISTANCE OF AT LEAST 10 FT (3m). THIS ENABLES PEDESTRIANS WHO HAVE VISUAL DISABILITIES TO DISTINGUISH AND LOCATE THE APPROPRIATE PUSHBUTTON.  
  
PUSHBUTTONS FOR ACCESSIBLE PEDESTRIAN SIGNALS SHOULD BE LOCATED AS FOLLOWS:  
  - A: ADJACENT TO A LEVEL ALL-WEATHER SURFACE TO PROVIDE ACCESS FROM A WHEELCHAIR, AND WHERE THERE IS AN ALL-WEATHER SURFACE, WHEELCHAIR ACCESSIBLE ROUTE TO THE RAMP.
  - B: WITHIN 5 FT (1.5m) OF THE CROSSWALK EXTENDED.
  - C: WITHIN 10 FT (3m) OF THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
  - D: PARALLEL TO THE CROSSWALK TO BE USED (SEE MUTCD FIGURE 4E-2).
  - E: NORMAL PEDESTRIAN PUSHBUTTON MOUNTING HEIGHT SHOULD BE 3.5 FT (1.05m) ABOVE ADJACENT SIDEWALK
- PEDESTRIAN SIGNAL FACES SHALL BE MOUNTED WITH THE BOTTOM OF THE HOUSING NOT LESS THAN 8 FT (2.4m) NOR MORE THAN 10 FT (3.0m) ABOVE THE SIDEWALK LEVEL AND SO THERE IS A PEDESTRIAN INDICATION IN THE LINE OF PEDESTRIANS' VISION WHICH PERTAINS TO THE CROSSWALK BEING USED.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, NOT MOUNTED OVER A ROADWAY, SHALL BE AT LEAST 10 FT (3.0m) BUT NOT MORE THAN 15 FT (4.5m) ABOVE THE SIDEWALK OR, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE HIGHWAY IF NO SIDEWALKS EXIST.
- THE BOTTOM OF THE HOUSING OF A VEHICLE SIGNAL FACE, MOUNTED OVER A ROADWAY, SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001 AND 877006. (16 FT (5m) MIN., 18 FT (5.5m) MAX., FROM HIGHEST POINT OF PAVEMENT)

**PEDESTRIAN SIGNAL POST**

PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSHBUTTON DETECTOR LOCATION



**TABLE I**

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MIN. DIST. FROM BACK OF CURB)	SHOULDER/NON-CURBED AREA (MIN. DIST. FROM EDGE OF PAVEMENT)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2FT(0.6m), MINIMUM 10FT(3.0m)
PEDESTRIAN PUSHBUTTON	SEE NOTE 1	SEE NOTE 1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT 1**  
**STANDARD TRAFFIC SIGNAL**  
**DESIGN DETAILS**

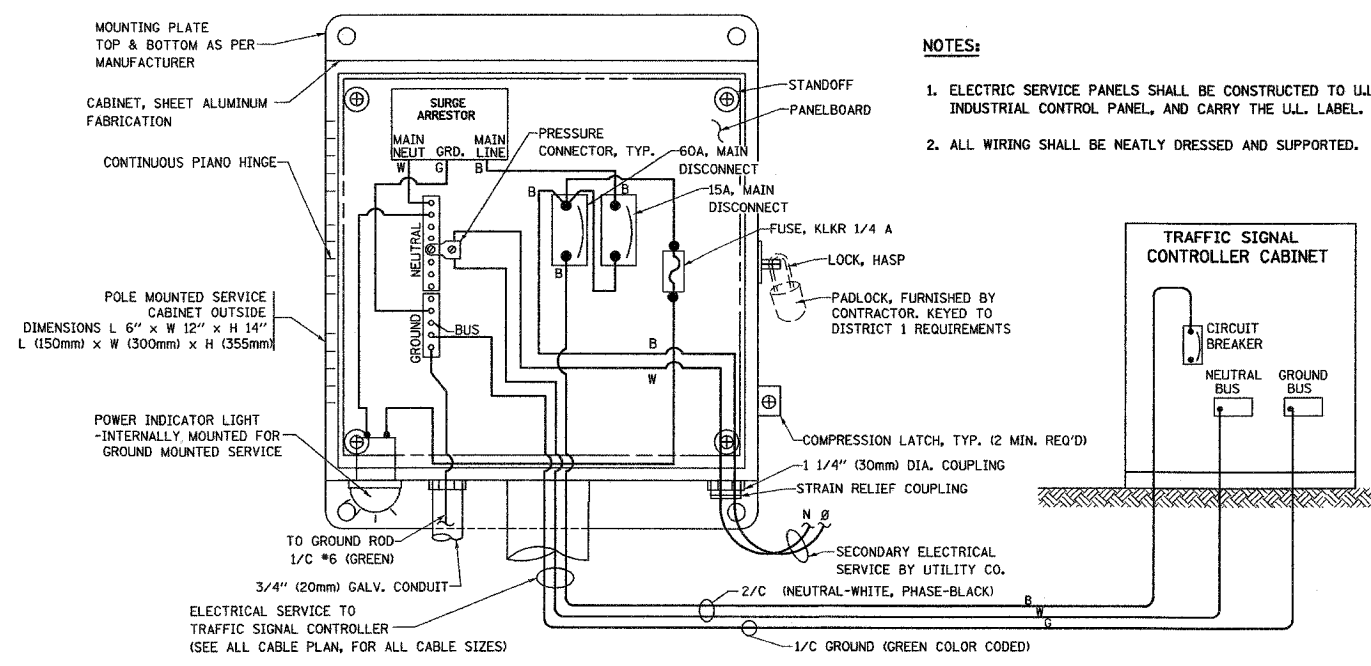
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HORIZ.  
DATE 1-01-02

DRAWN BY: RWP  
DESIGNED BY: DAD  
CHECKED BY: DAZ  
SHEET 2 OF 4

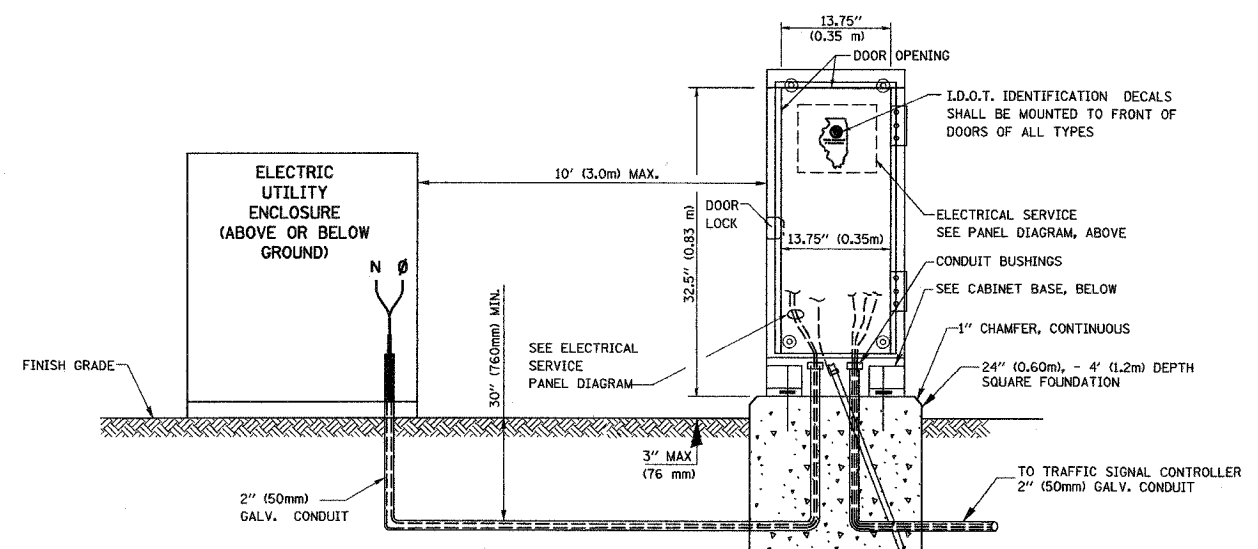
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\*DATE-TIME\*  
\*DGN-SPEC\*

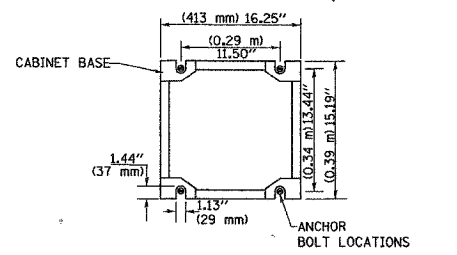
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62030				



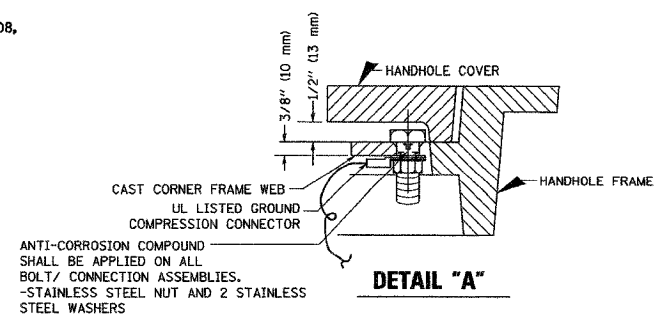
**ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)**  
**SERVICE INSTALLATION POLE MOUNT (SHOWN)**  
 (NOT TO SCALE)



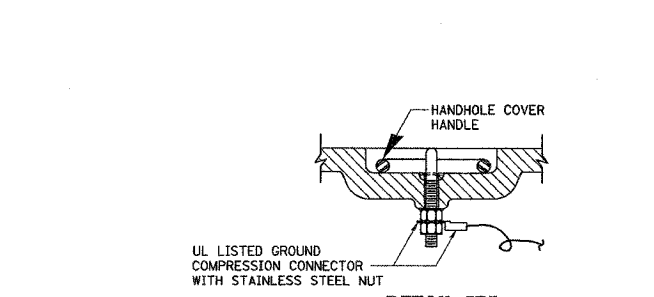
**SERVICE INSTALLATION GROUND MOUNT**  
 (NOT TO SCALE)



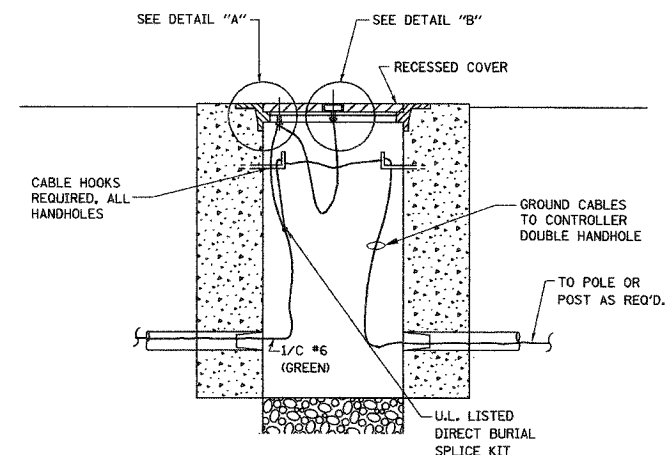
**CABINET - BASE BOLT PATTERN**  
 (NOT TO SCALE)



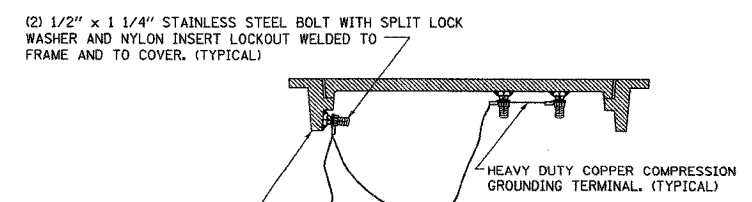
**DETAIL "A"**



**DETAIL "B"**



**HANDHOLE COVER & FRAME - GROUNDING DETAIL**  
 (NOT TO SCALE)

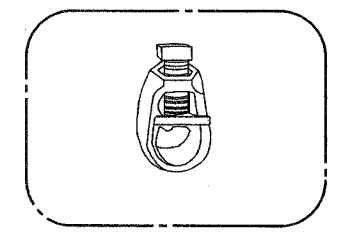
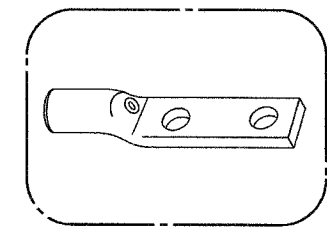


**EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL**  
 (NOT TO SCALE)

**NOTES:**

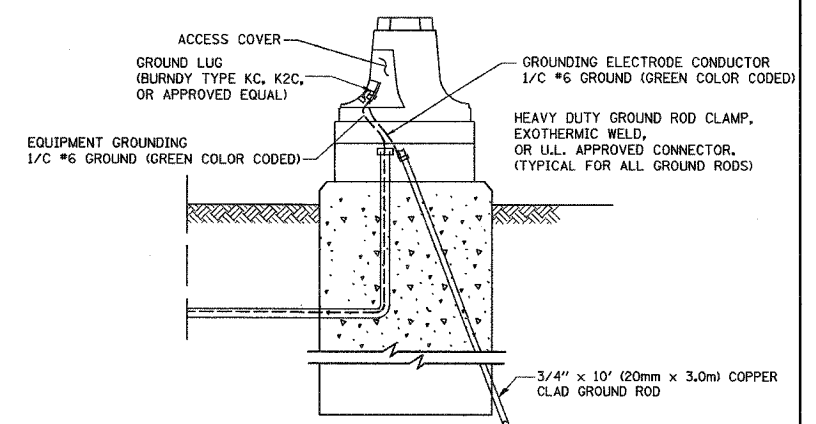
**GROUNDING SYSTEM**

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



**NOTES:**

- ALL CLAMPS SHALL BE BRONZE OR COPPER, U.L. APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



**MAST ARM POLE / POST-GROUNDING DETAIL**  
 (NOT TO SCALE)

REVISIONS	
NAME	DATE

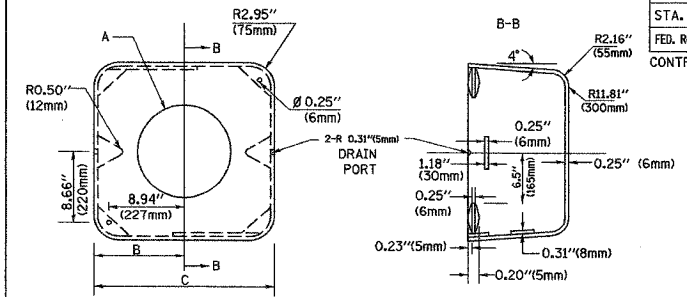
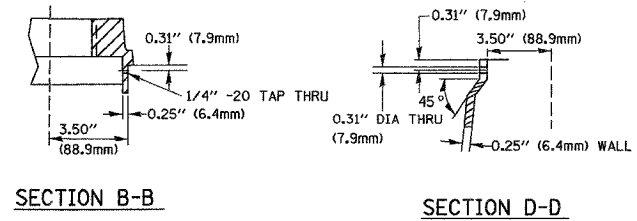
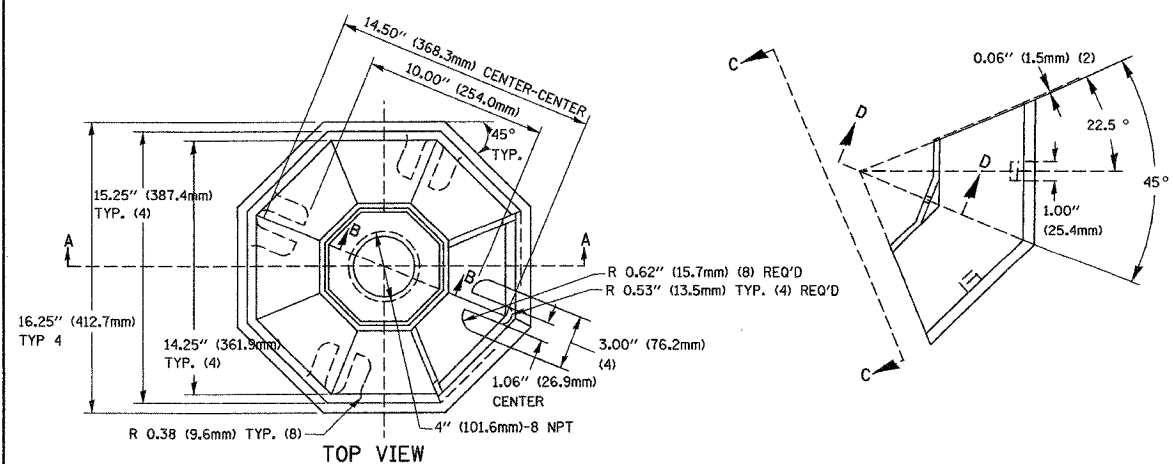
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT 1**  
**STANDARD TRAFFIC SIGNAL**  
**DESIGN DETAILS**

SCALE: VERT. NONE  
 DATE: 1-01-02  
 DRAWN BY: RWP  
 DESIGNED BY: DAD  
 CHECKED BY: DAZ  
 SHEET 3 OF 4

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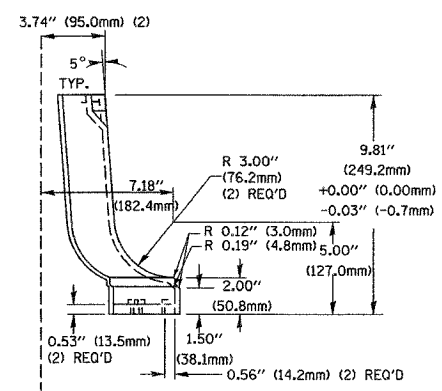
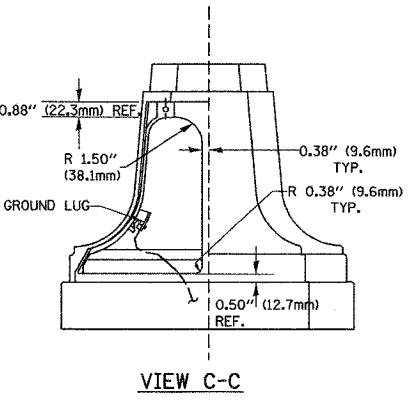
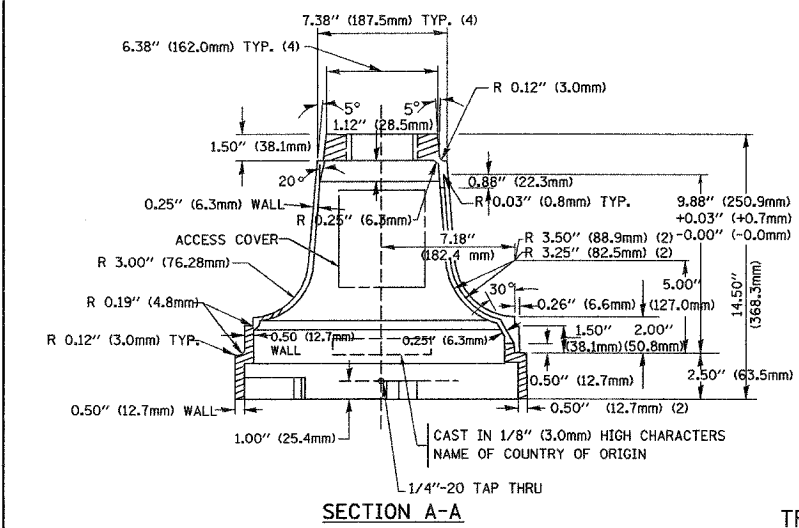


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	219
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 62030				

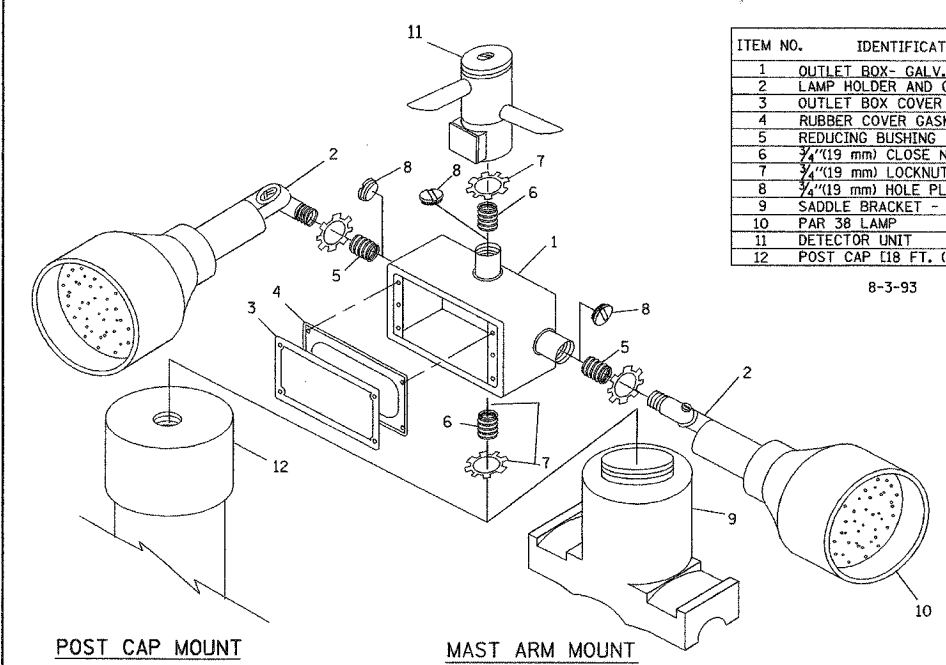
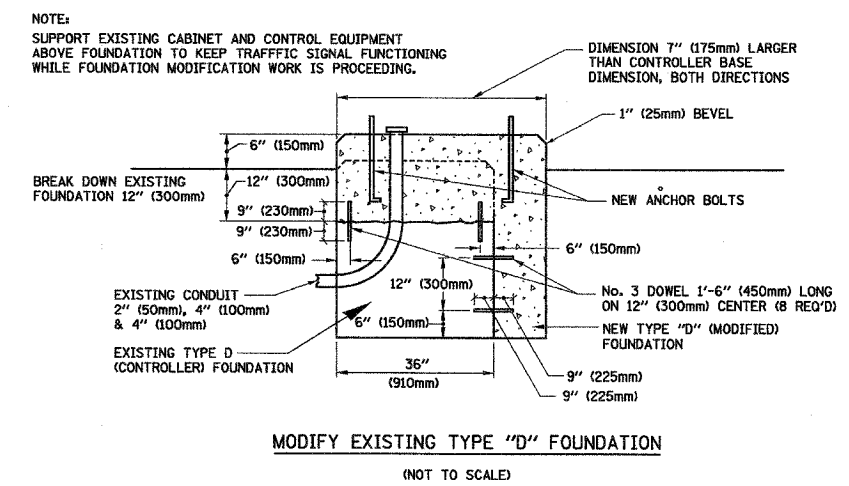


TYPE	A	B	C	HEIGHT	WEIGHT
I	Ø 10.125\"(257mm)	9.5\"(241mm)	19\"(483mm)	12\"(300mm)	24kg
II	Ø 11.125\"(283mm)	10.75\"(273mm)	21.5\"(546mm)	12\"(300mm)	26kg

MATERIAL:  
 - ASTM A48 CLASS 30 GREY IRON  
 - ASTM A123 HOT DIPPED GALVANIZED

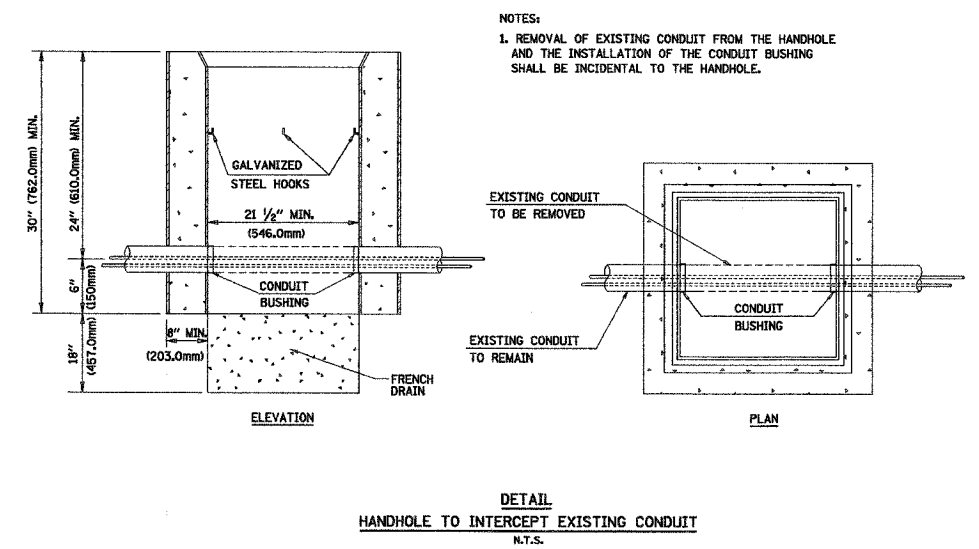
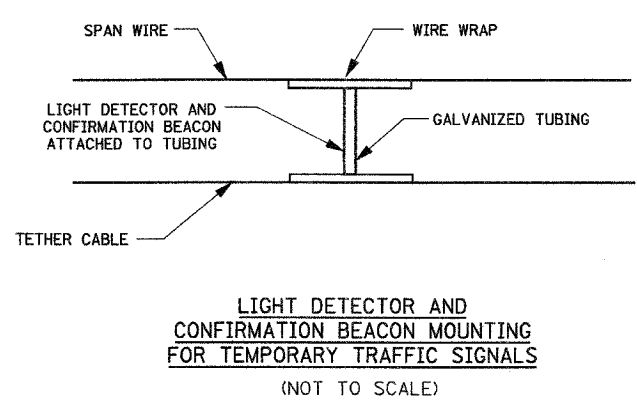


TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A



ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4\"(19 mm) CLOSE NIPPLE
7	3/4\"(19 mm) LOCKNUT
8	3/4\"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	PAR 38 LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

- NOTES:
- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
  - ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT  
 ITEM #2- MULBERRY CON-0-SHADE LAMP SHIELD OR EQUIVALENT  
 ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
  - WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4\"(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 DISTRICT 1  
 STANDARD TRAFFIC SIGNAL  
 DESIGN DETAILS

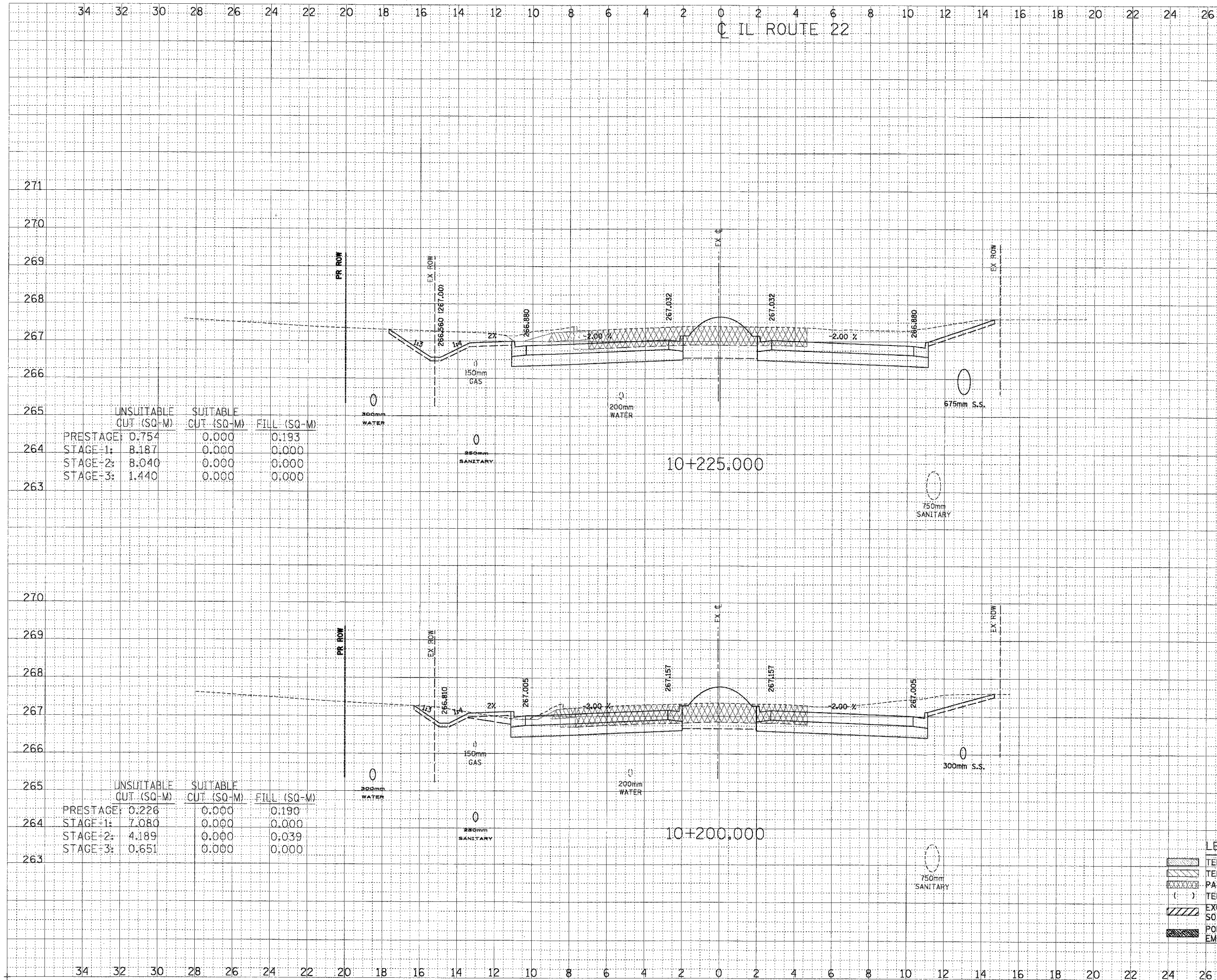
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 HORIZ. 1-01-02

DRAWN BY: RWP  
 DESIGNED BY: DAD  
 CHECKED BY: DAZ  
 SHEET 4 OF 4

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DATE-TIME  
 DGN-SPEC

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	2/20
STA. 10+200		TO STA. 10+225		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	DATE
BY	
NOTED	
NO.	

ORIGINAL SURVEY	DATE
BY	
NOTED	
NO.	

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.754	0.000	0.193
STAGE-1:	8.187	0.000	0.000
STAGE-2:	8.040	0.000	0.000
STAGE-3:	1.440	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.226	0.000	0.190
STAGE-1:	7.080	0.000	0.000
STAGE-2:	4.189	0.000	0.039
STAGE-3:	0.651	0.000	0.000

**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE



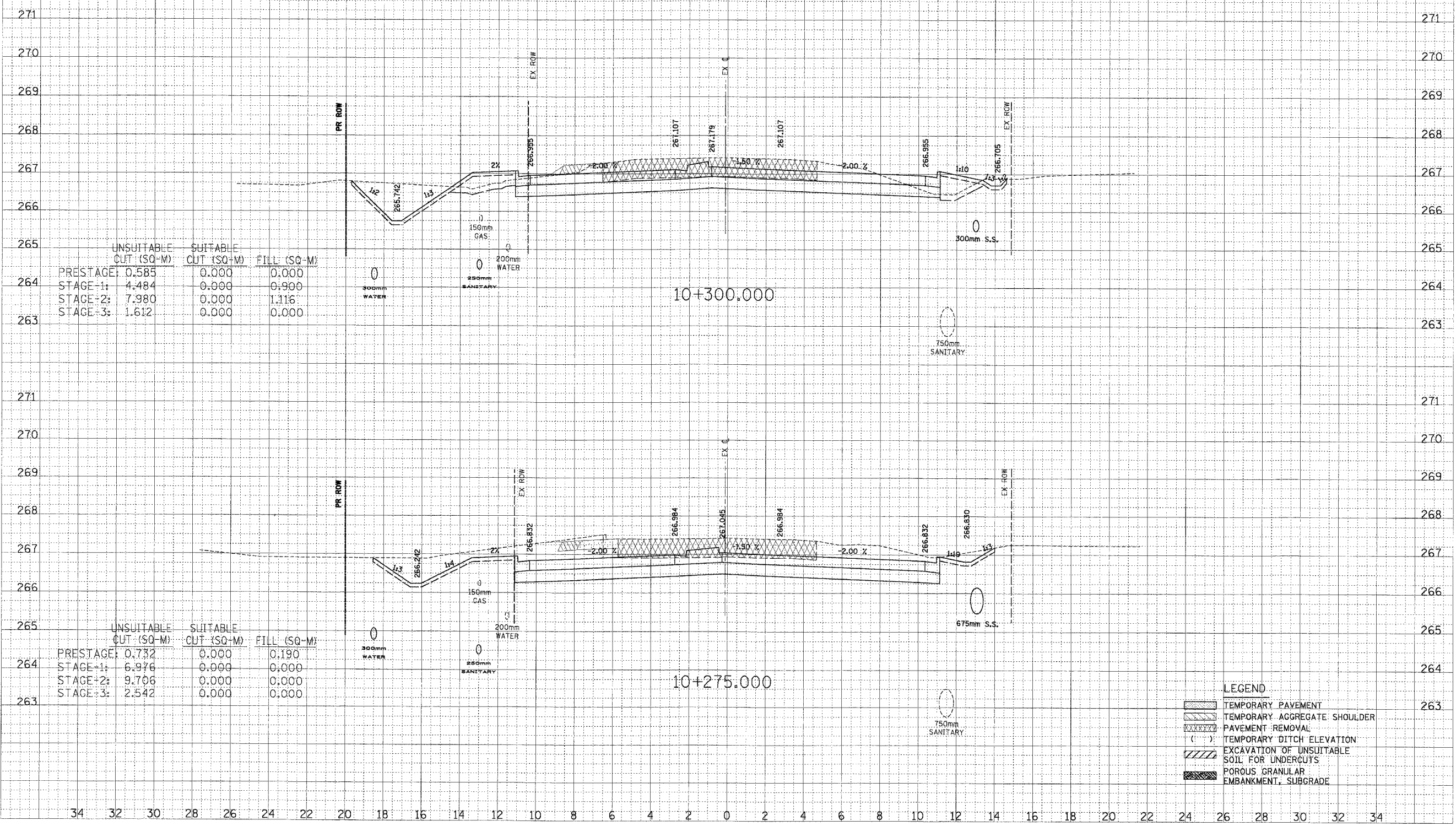
34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26

IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	2/22
STA. 10+275		TO STA. 10+300		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	DATE
BY	
REVISIONS	
NO.	

ORIGINAL SURVEY	DATE
BY	
REVISIONS	
NO.	



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	0.585	0.000	0.000
STAGE-1	4.484	0.000	0.900
STAGE-2	7.980	0.000	1.116
STAGE-3	1.612	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	0.732	0.000	0.190
STAGE-1	6.976	0.000	0.000
STAGE-2	9.706	0.000	0.000
STAGE-3	2.542	0.000	0.000

- LEGEND**
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE

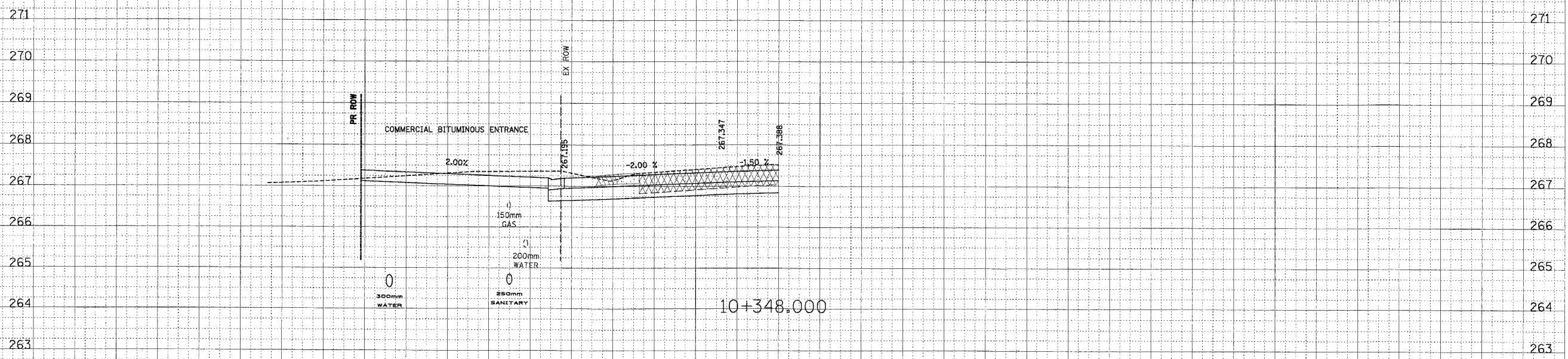


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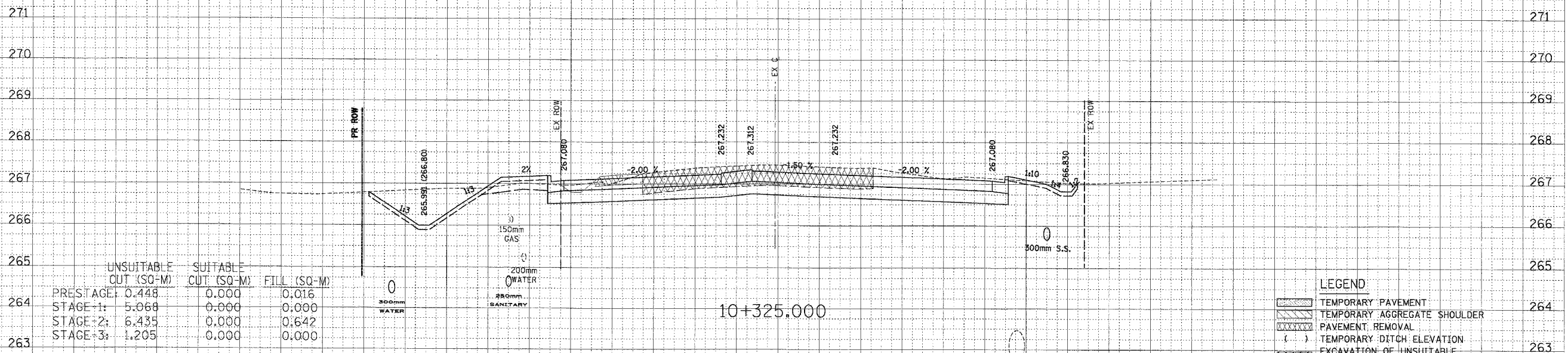
IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	223
STA. 10+325		TO STA. 10+348,000		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	DATE
BY	
REVISIONS	
NO. 1	
NO. 2	
NO. 3	
NO. 4	
NO. 5	
NO. 6	
NO. 7	
NO. 8	
NO. 9	
NO. 10	



ORIGINAL SURVEY	DATE
BY	
REVISIONS	
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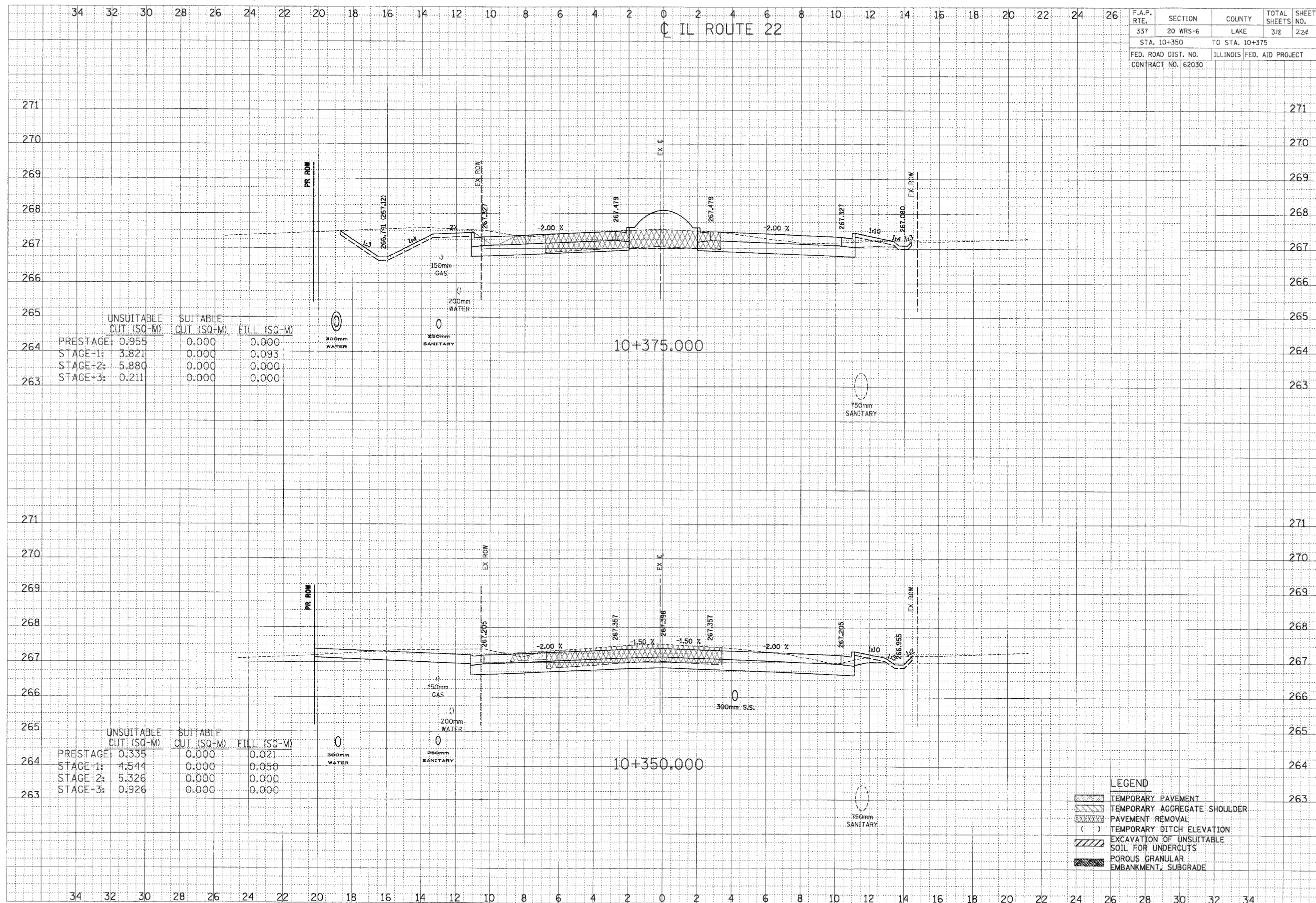


	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	0.448	0.000	0.016
STAGE-1	5.068	0.000	0.000
STAGE-2	6.435	0.000	0.642
STAGE-3	1.205	0.000	0.000

LEGEND

[Symbol]	TEMPORARY PAVEMENT
[Symbol]	TEMPORARY AGGREGATE SHOULDER
[Symbol]	PAVEMENT REMOVAL
[Symbol]	TEMPORARY DITCH ELEVATION
[Symbol]	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
[Symbol]	POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	224
STA. 10+350		TO STA. 10+375		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62030				

FINAL SURVEY	DATE
BY	
REVISIONS	
NO.	

ORIGINAL SURVEY	DATE
BY	
REVISIONS	
NO.	

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.955	0.000	0.000
STAGE-1:	3.821	0.000	0.093
STAGE-2:	5.880	0.000	0.000
STAGE-3:	0.211	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.335	0.000	0.021
STAGE-1:	4.544	0.000	0.050
STAGE-2:	5.326	0.000	0.000
STAGE-3:	0.926	0.000	0.000

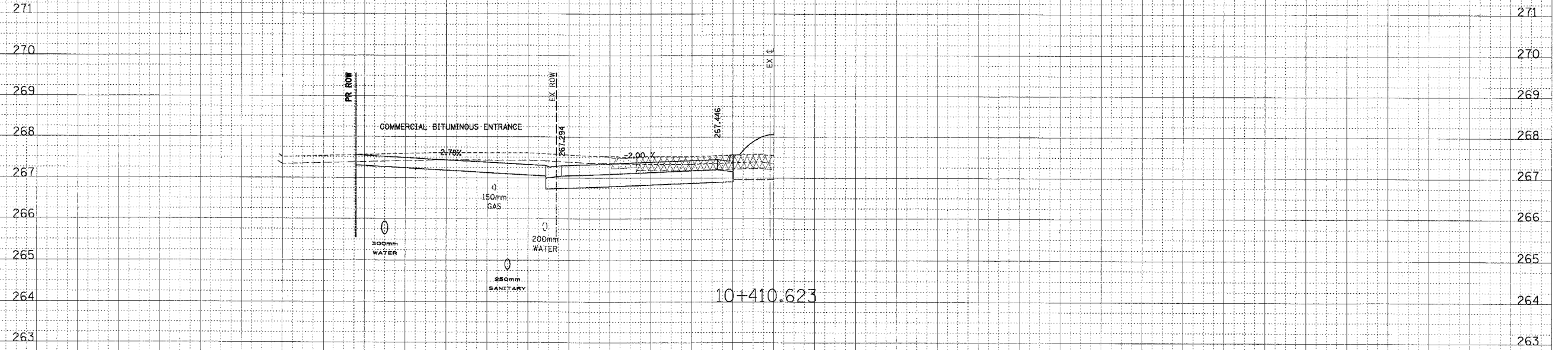
- LEGEND**
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE

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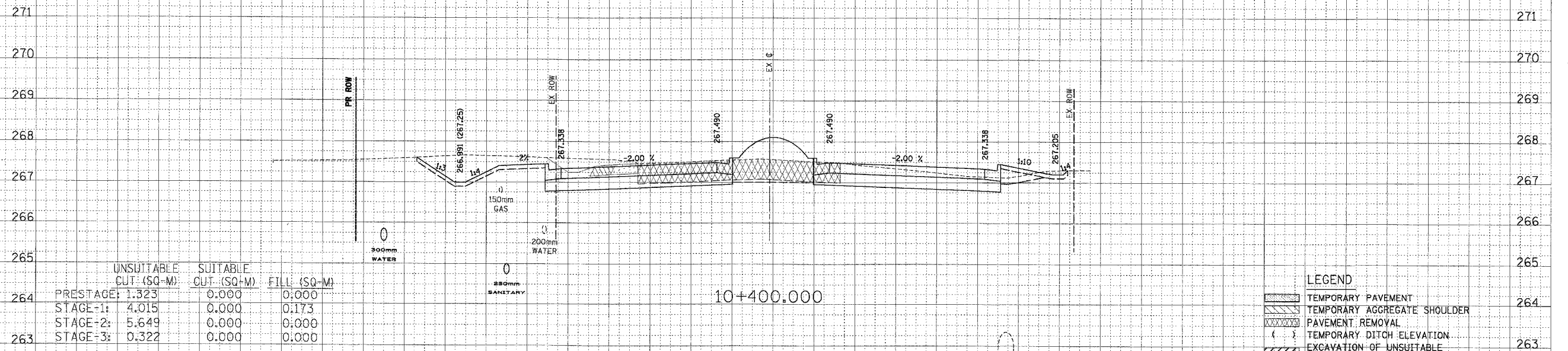
IL ROUTE 22

F.A.P. RTE. 337	SECTION 20 WRS-6	COUNTY LAKE	TOTAL SHEETS 318	SHEET NO. 225
STA. 10+400		TO STA. 10+410.623		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	DATE
SKIPPED	BY
PLOTTED	
NOTE BOOK	
REPLATE	
AREAS CHECKED	
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ORIGINAL SURVEY	DATE
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NOTE BOOK	
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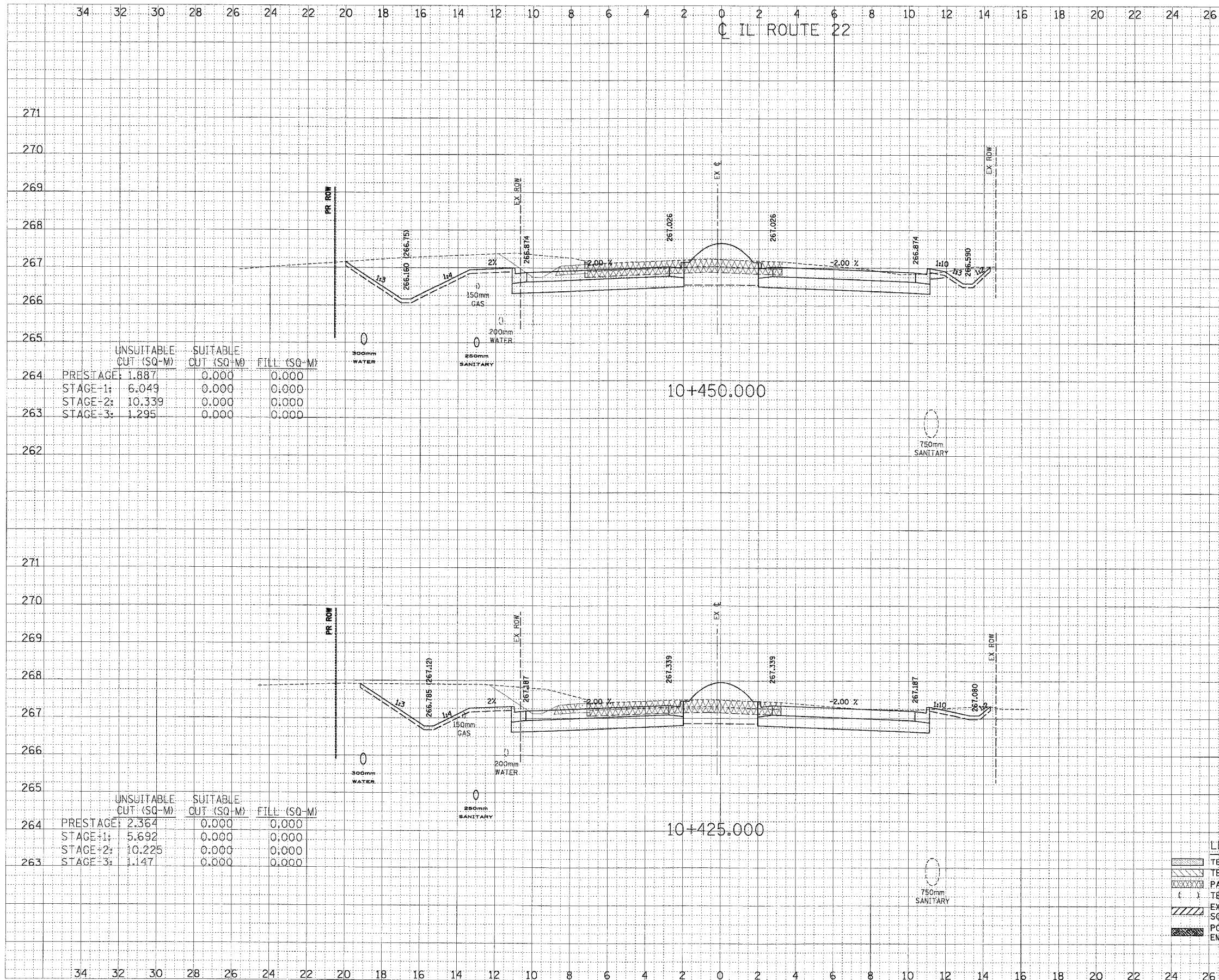
	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
264 PRESTAGE:	1.323	0.000	0.000
STAGE-1:	4.015	0.000	0.173
STAGE-2:	5.649	0.000	0.000
263 STAGE-3:	0.322	0.000	0.000

**LEGEND**

	TEMPORARY PAVEMENT
	TEMPORARY AGGREGATE SHOULDER
	PAVEMENT REMOVAL
	TEMPORARY DITCH ELEVATION
	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
	POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	226
STA. 10+425		TO STA. 10+450		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62030				

FINAL SURVEY NOTE BOOK NO.	DRAWN BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	DRAWN BY	DATE

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
264	PRESTAGE: 1.887	0.000	0.000
	STAGE-1: 6.049	0.000	0.000
	STAGE-2: 10.339	0.000	0.000
263	STAGE-3: 1.295	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
264	PRESTAGE: 2.364	0.000	0.000
	STAGE-1: 5.692	0.000	0.000
	STAGE-2: 10.225	0.000	0.000
263	STAGE-3: 1.147	0.000	0.000

LEGEND

	TEMPORARY PAVEMENT
	TEMPORARY AGGREGATE SHOULDER
	PAVEMENT REMOVAL
	TEMPORARY DITCH ELEVATION
	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
	POROUS GRANULAR EMBANKMENT; SUBGRADE



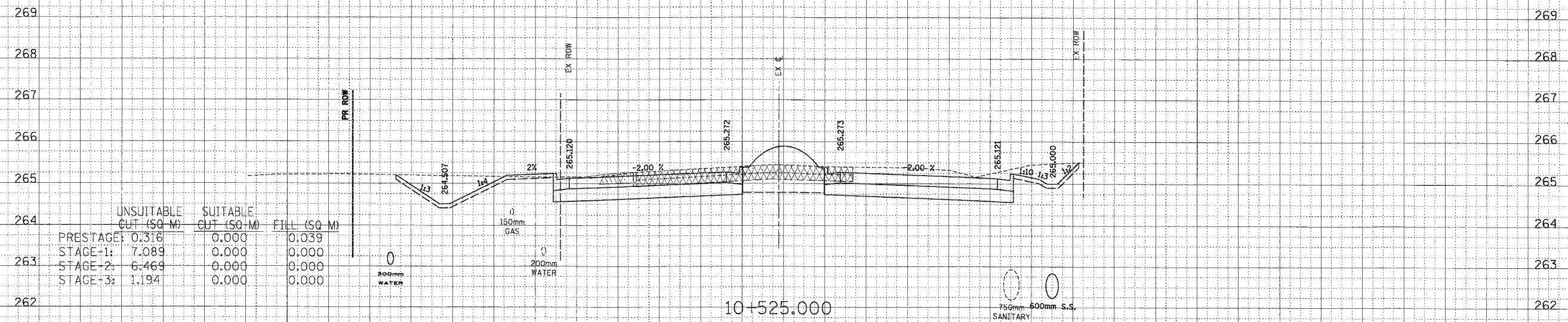


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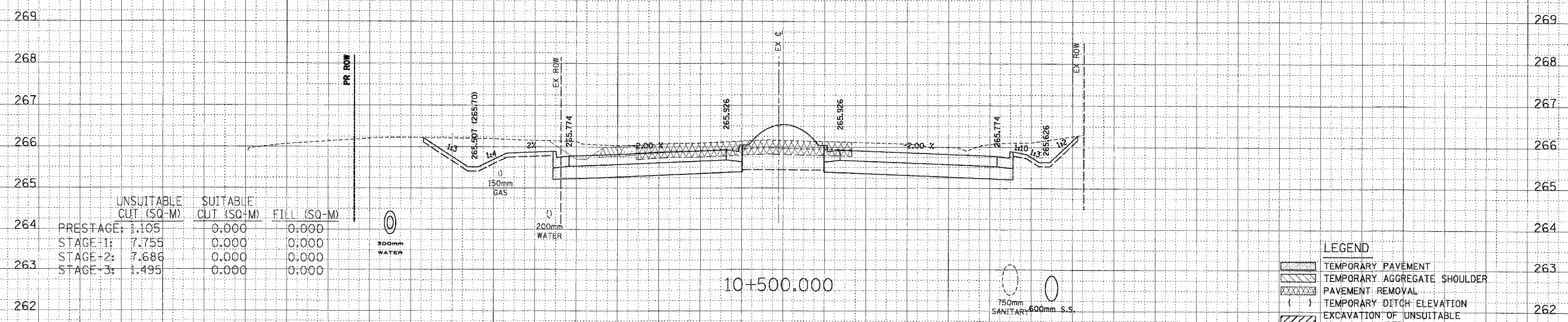
IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	228
STA. 10+500		TO STA. 10+525		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	DATE
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NOTE BOOK	
TEMPERATURE	
AREAS CHECKED	



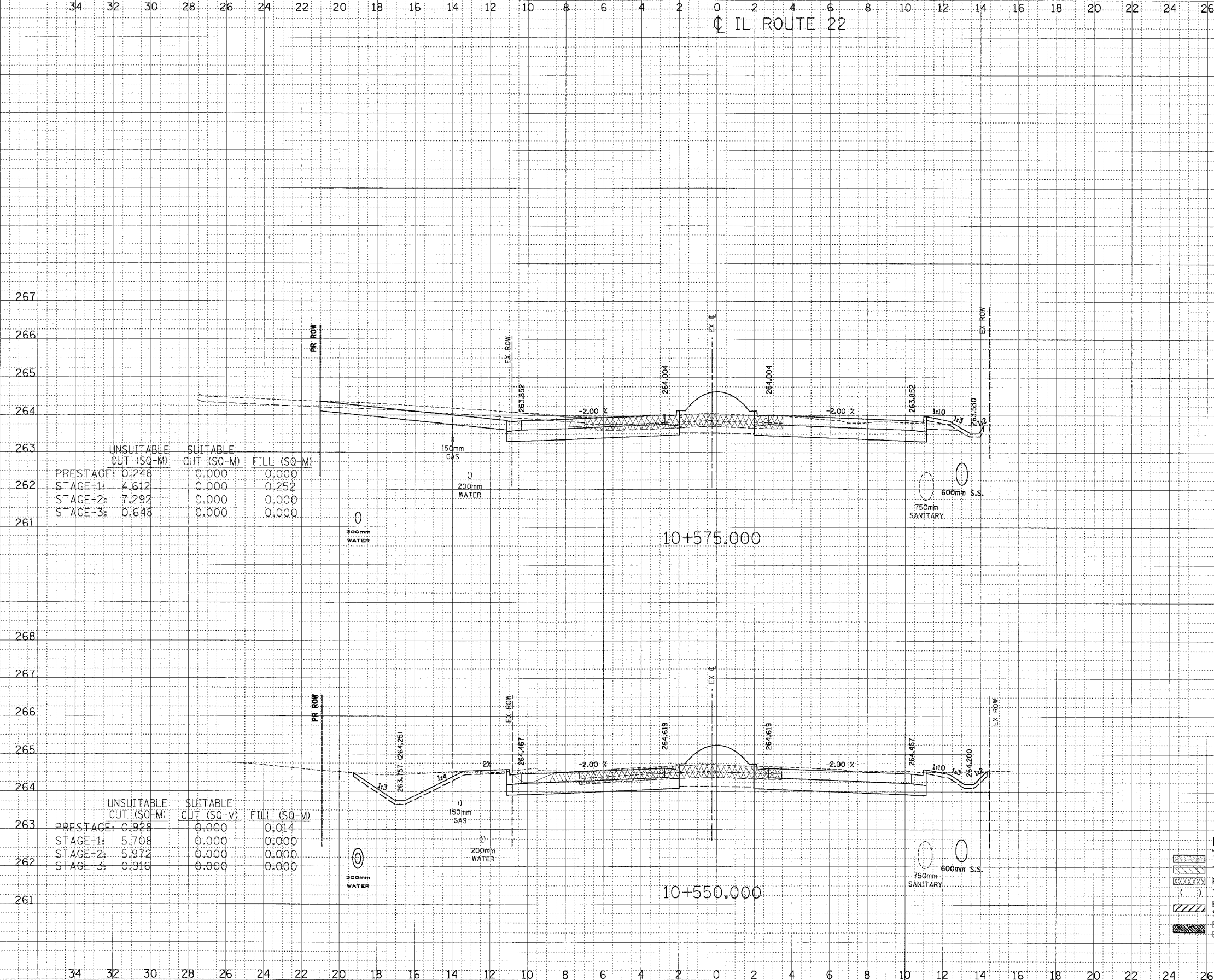
ORIGINAL SURVEY	DATE
APPROVED	BY
PLOTTED	
NOTE BOOK	
TEMPERATURE	
AREAS CHECKED	



**LEGEND**

	TEMPORARY PAVEMENT
	TEMPORARY AGGREGATE SHOULDER
	PAVEMENT REMOVAL
	TEMPORARY DITCH ELEVATION
	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
	POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	229
STA. 10+550		TO STA. 10+575		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.248	0.000	0.000
STAGE-1:	4.612	0.000	0.252
STAGE-2:	7.292	0.000	0.000
STAGE-3:	0.648	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.928	0.000	0.014
STAGE-1:	5.708	0.000	0.000
STAGE-2:	5.972	0.000	0.000
STAGE-3:	0.916	0.000	0.000

**LEGEND**

- TEMPORARY: PAVEMENT
- TEMPORARY: AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY: DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE







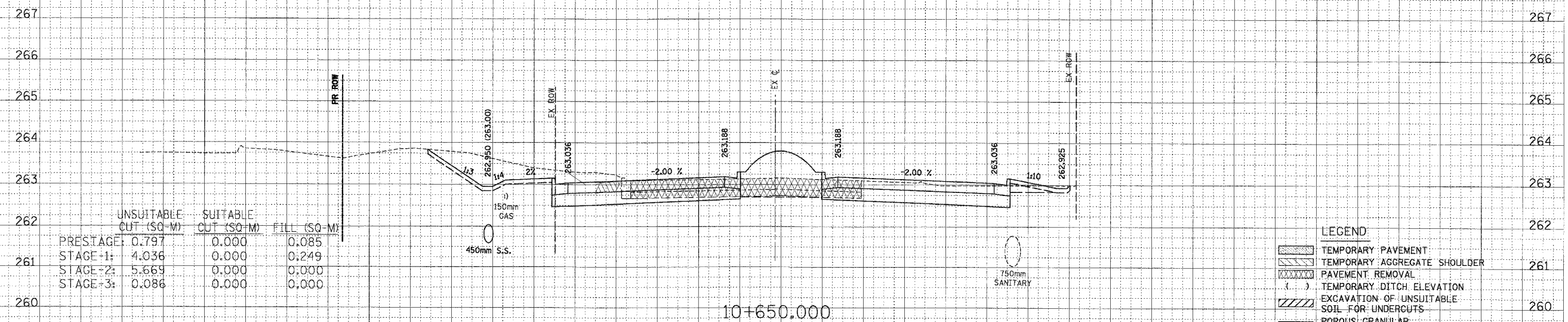
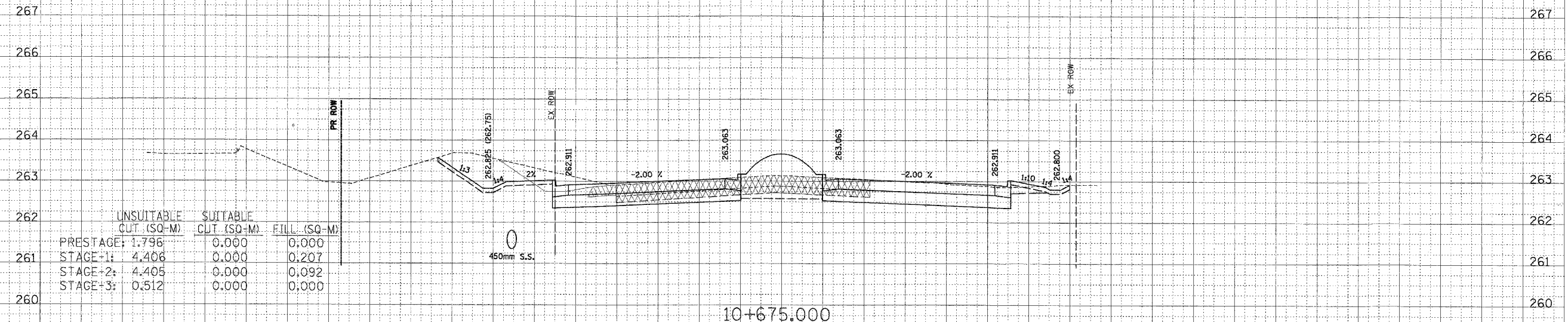
34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26

IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	232
STA. 10+650		TO STA. 10+675		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

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DATE	BY
DATE	BY
DATE	BY



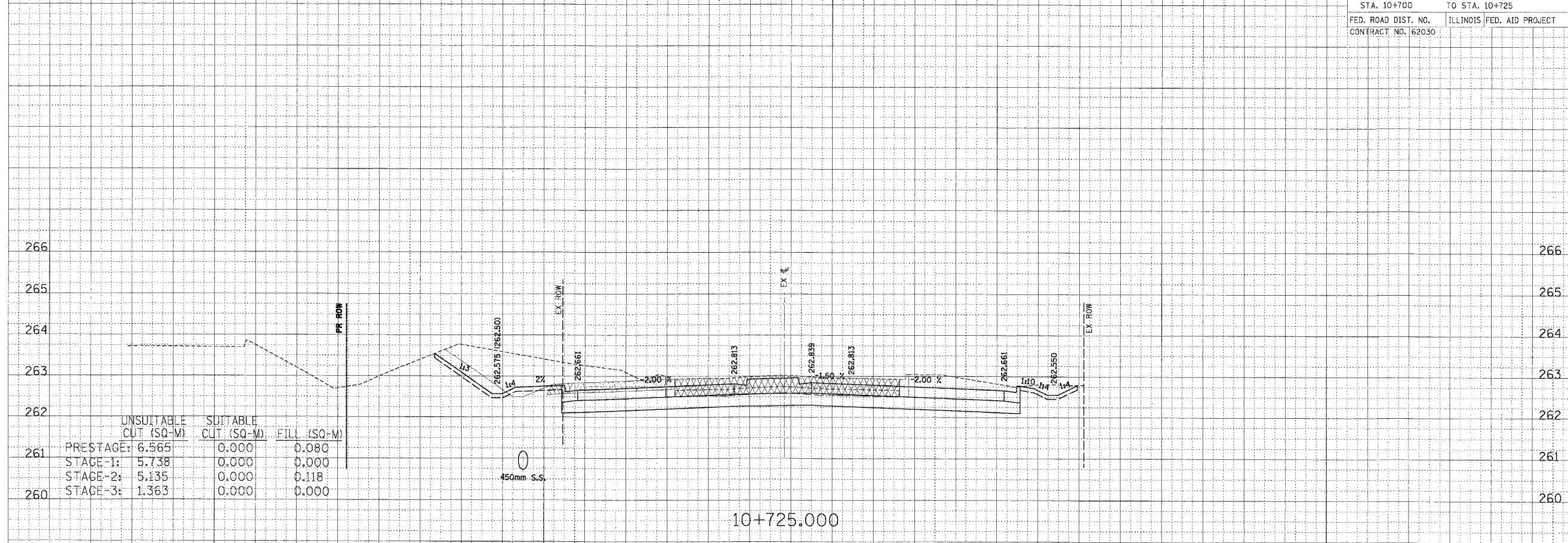
LEGEND

	TEMPORARY PAVEMENT
	TEMPORARY AGGREGATE SHOULDER
	PAVEMENT REMOVAL
	TEMPORARY DITCH ELEVATION
	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
	POROUS GRANULAR EMBANKMENT, SUBGRADE

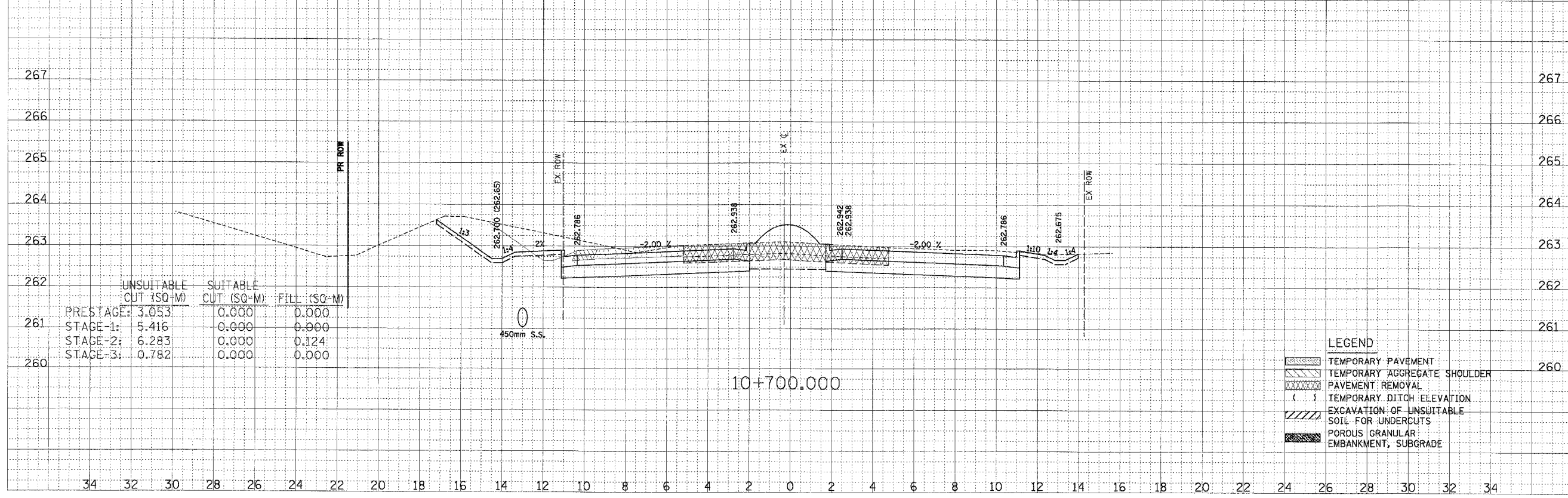
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FINAL SURVEY	DATE
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AREAS CHECKED	



ORIGINAL SURVEY	DATE
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- LEGEND**
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE





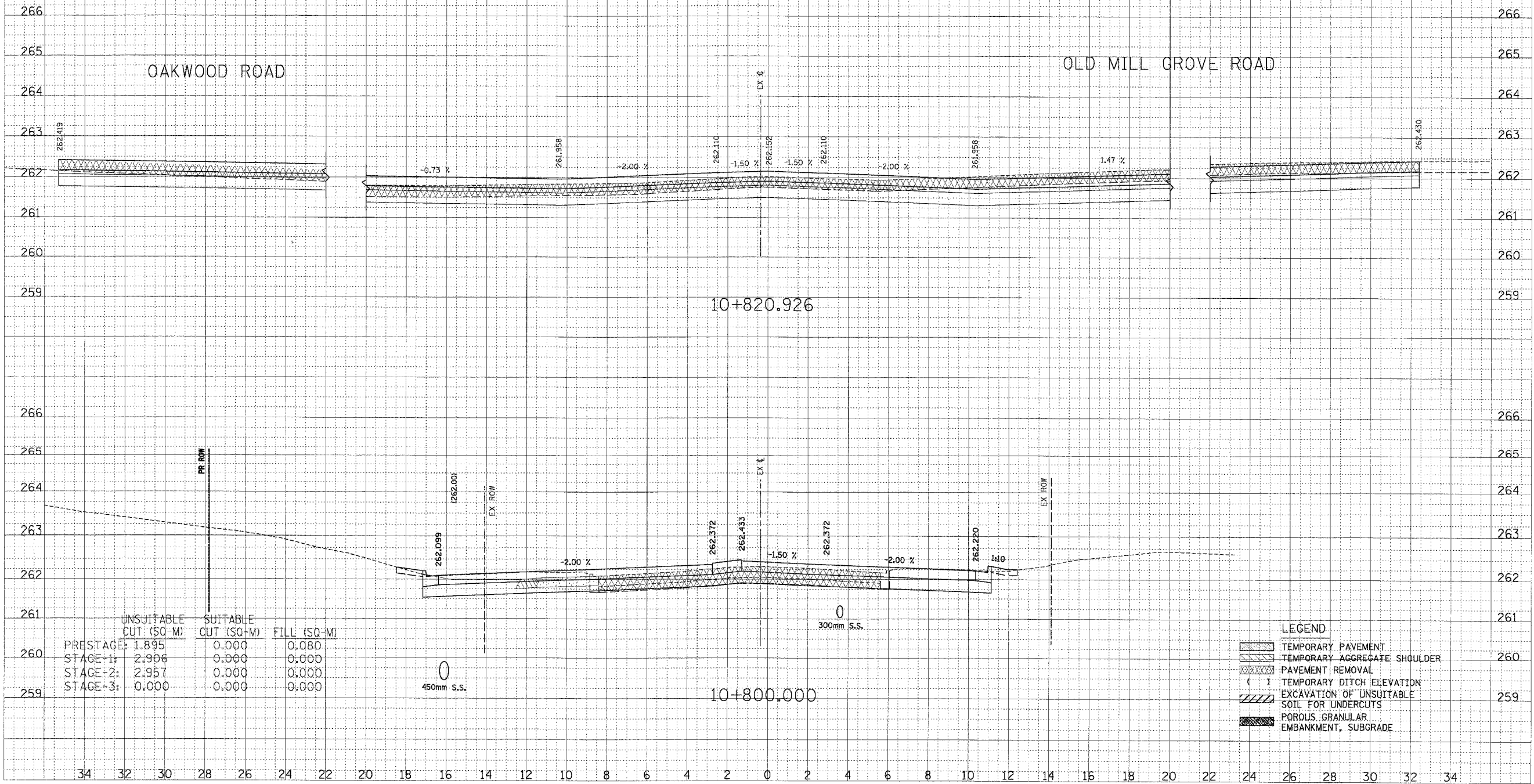
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IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	235
STA. 10+800		TO STA. 10+820.926		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 162030				

FINAL SURVEY	DATE
SKIPPED	BY
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NOTE BOOK	
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ORIGINAL SURVEY	DATE
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	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	1.895	0.000	0.080
STAGE-1	2.906	0.000	0.000
STAGE-2	2.957	0.000	0.000
STAGE-3	0.000	0.000	0.000

**LEGEND**

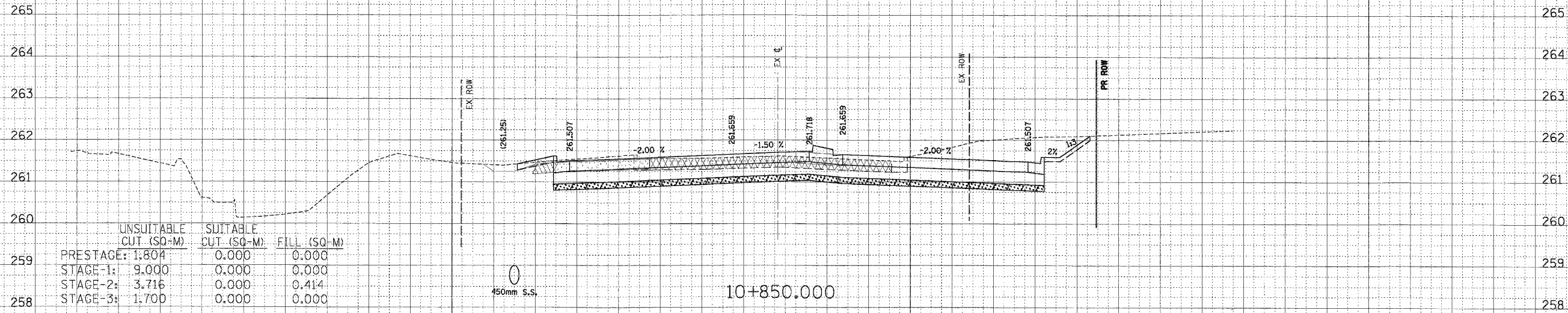
- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26

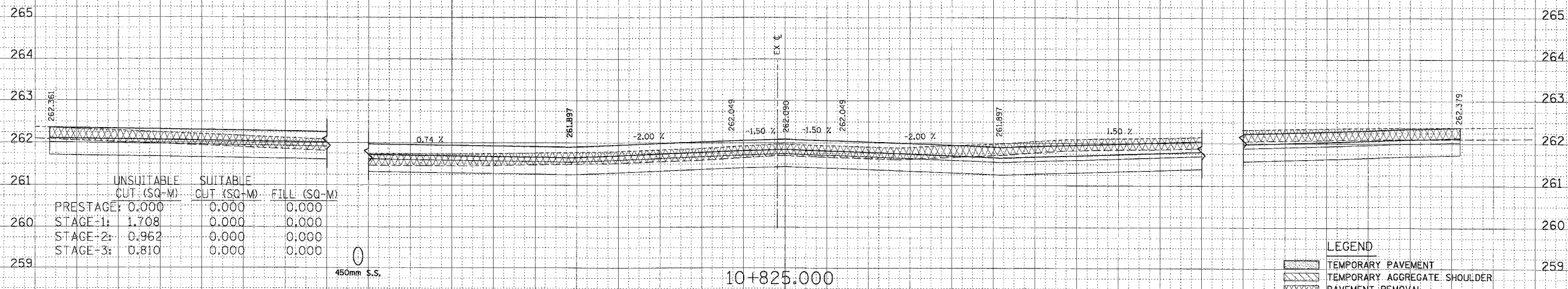
IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	378	236
STA. 10+825		TO STA. 10+850		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 162030				

FINAL	DATE
REVISED	BY
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ORIGINAL	DATE
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- LEGEND**
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE

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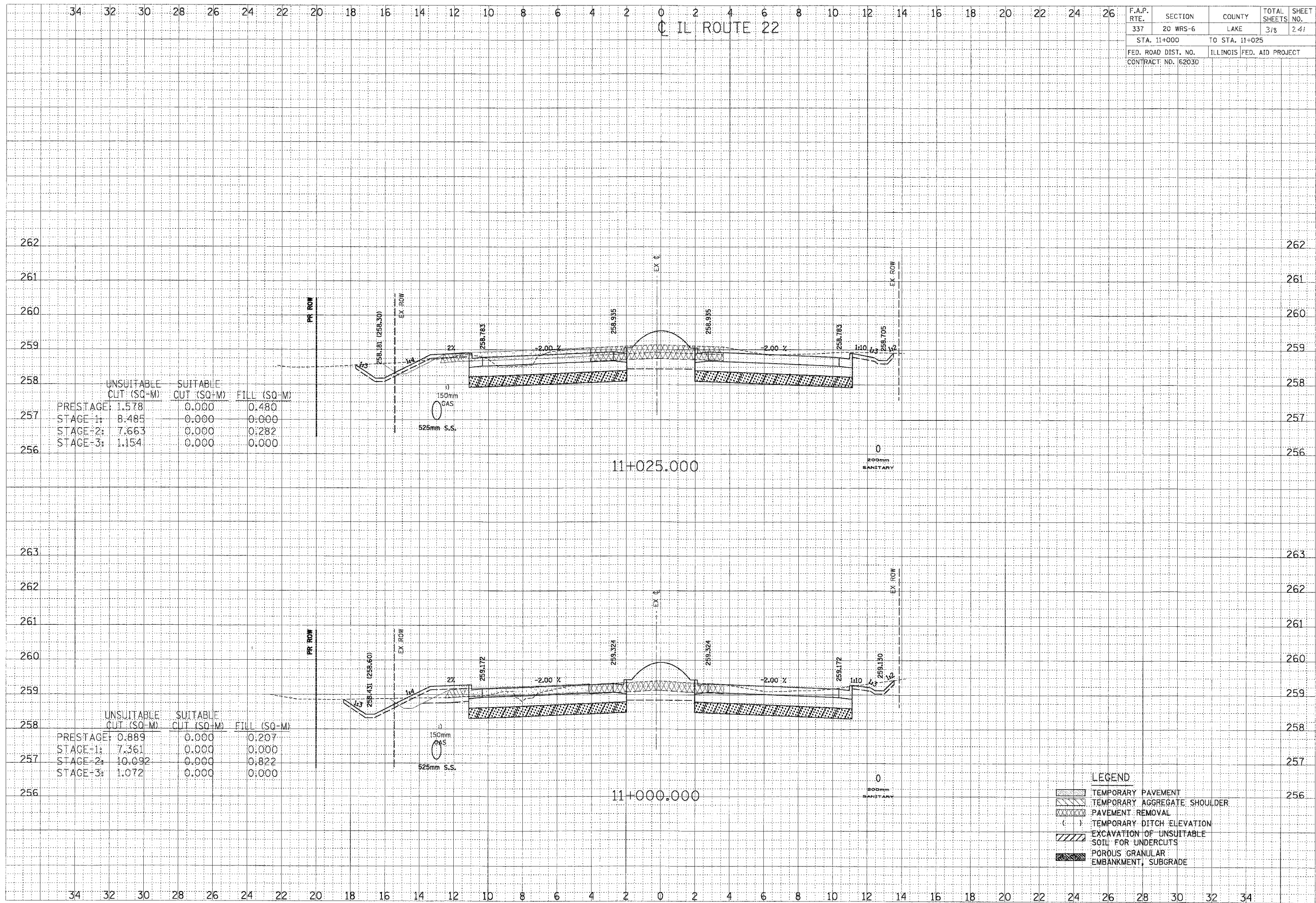












F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	2/41
STA. 11+000		TO STA. 11+025		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

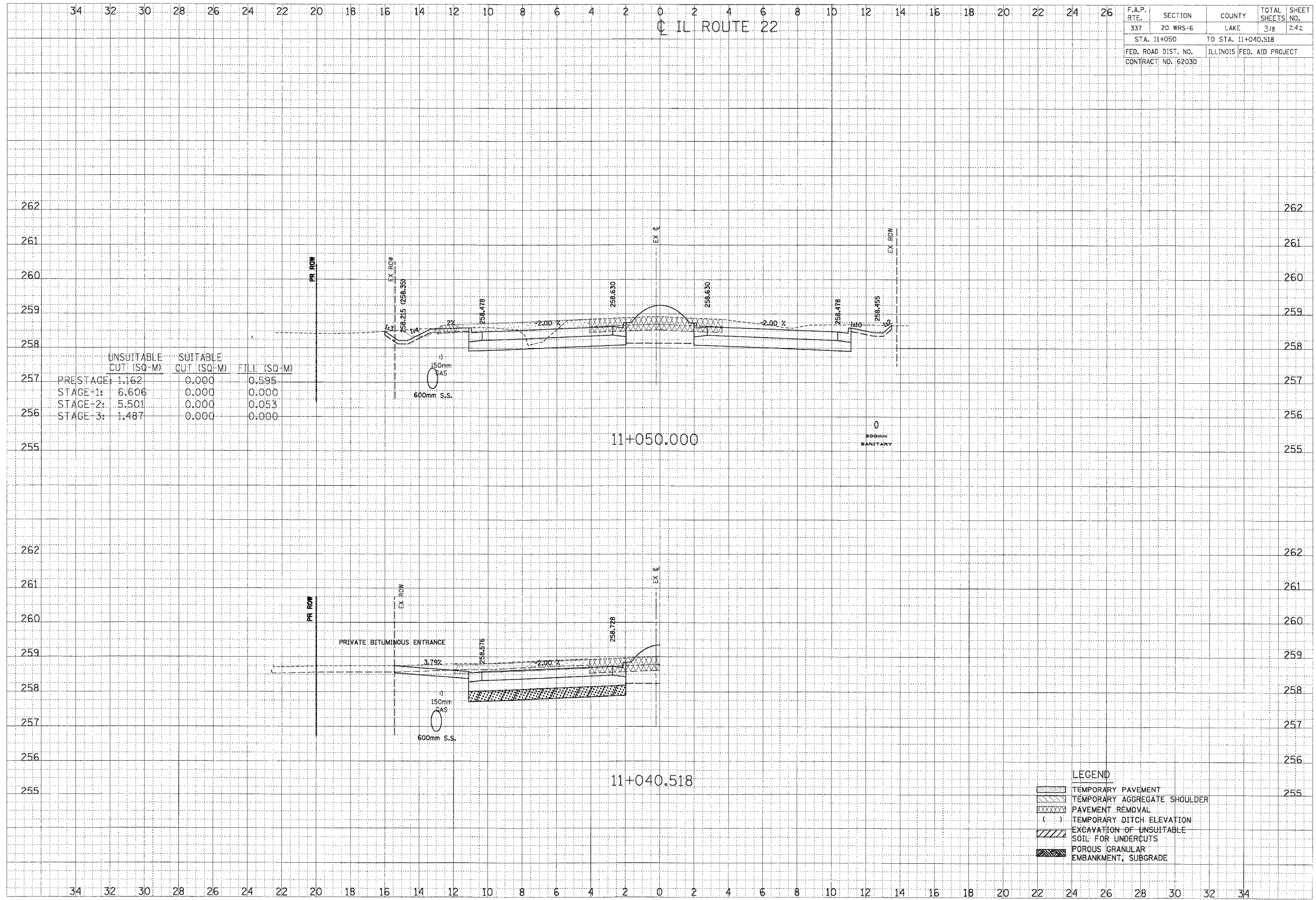
FINAL SURVEY	DATE
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ORIGINAL SURVEY	DATE
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	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	1.578	0.000	0.480
STAGE-1	8.485	0.000	0.000
STAGE-2	7.663	0.000	0.282
STAGE-3	1.154	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	0.889	0.000	0.207
STAGE-1	7.361	0.000	0.000
STAGE-2	10.092	0.000	0.822
STAGE-3	1.072	0.000	0.000

- LEGEND**
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	242
STA. 11+050		TO STA. 11+040.518		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	BY	DATE
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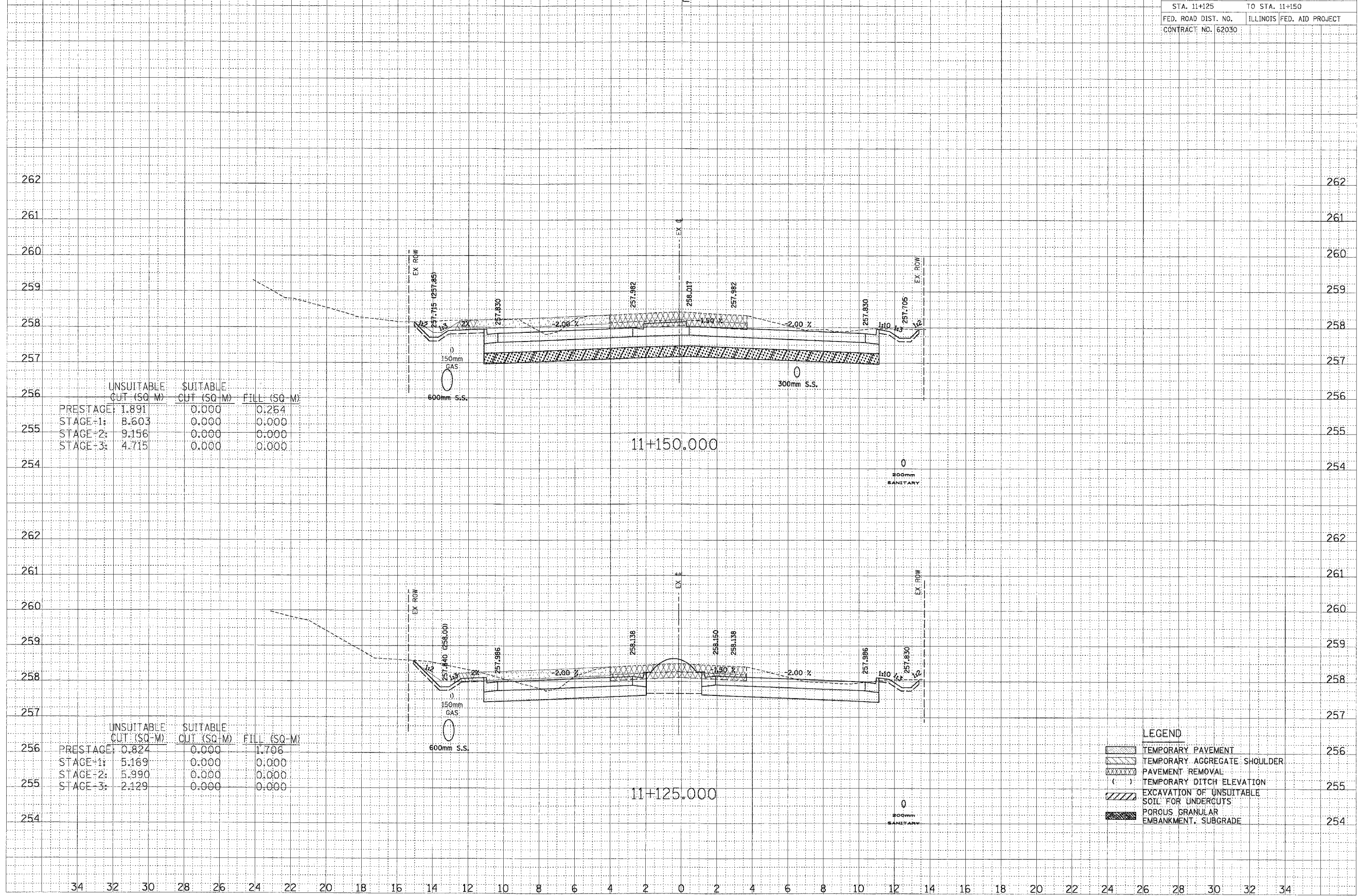
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**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE







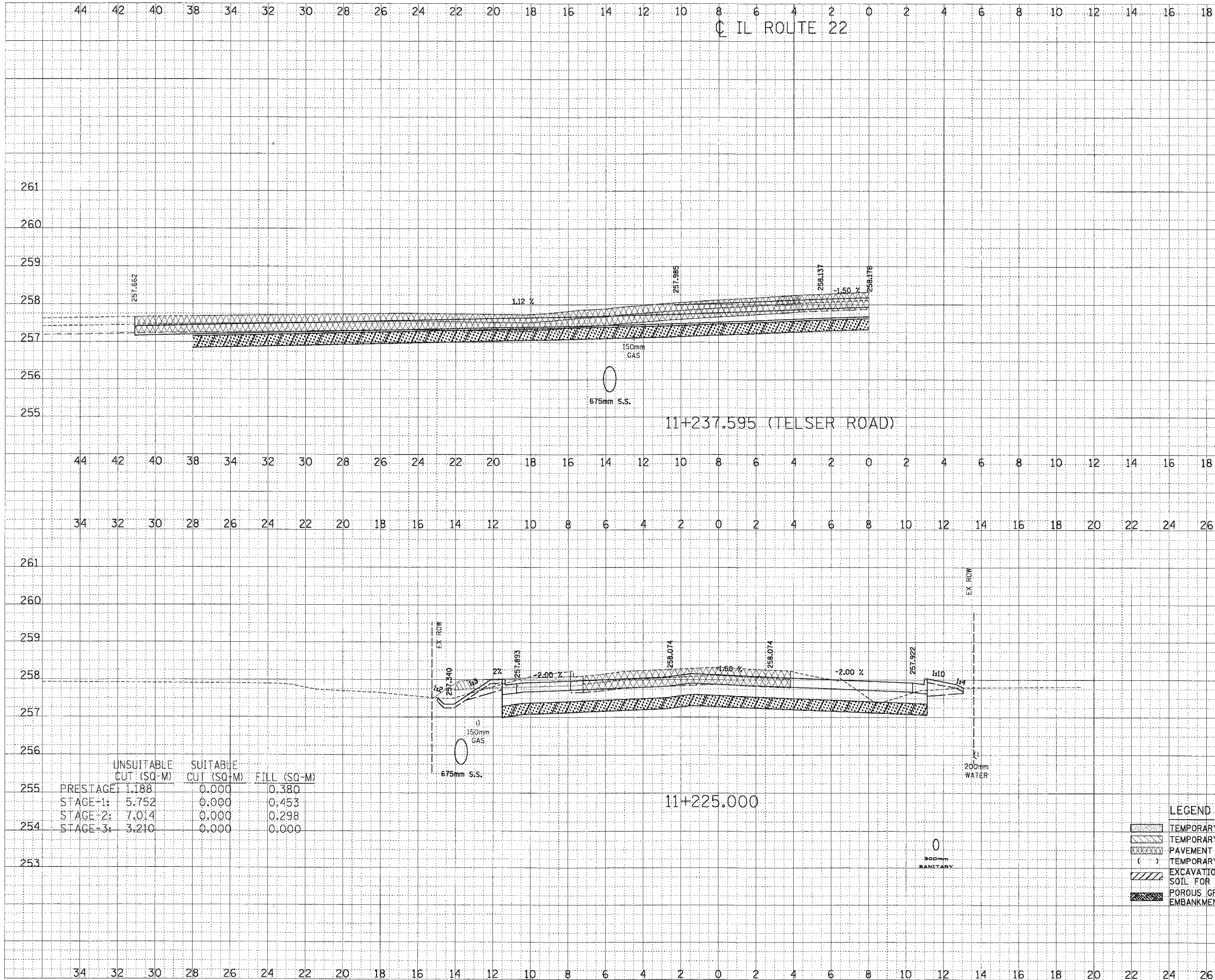
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 NOTE BOOK TEMPLATE AREAS CHECKED

ORIGINAL SURVEY PLOTTED BY DATE  
 NOTE BOOK TEMPLATE AREAS CHECKED

- LEGEND**
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE







F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	246
STA. 11+225		TO STA. 11+237.595		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

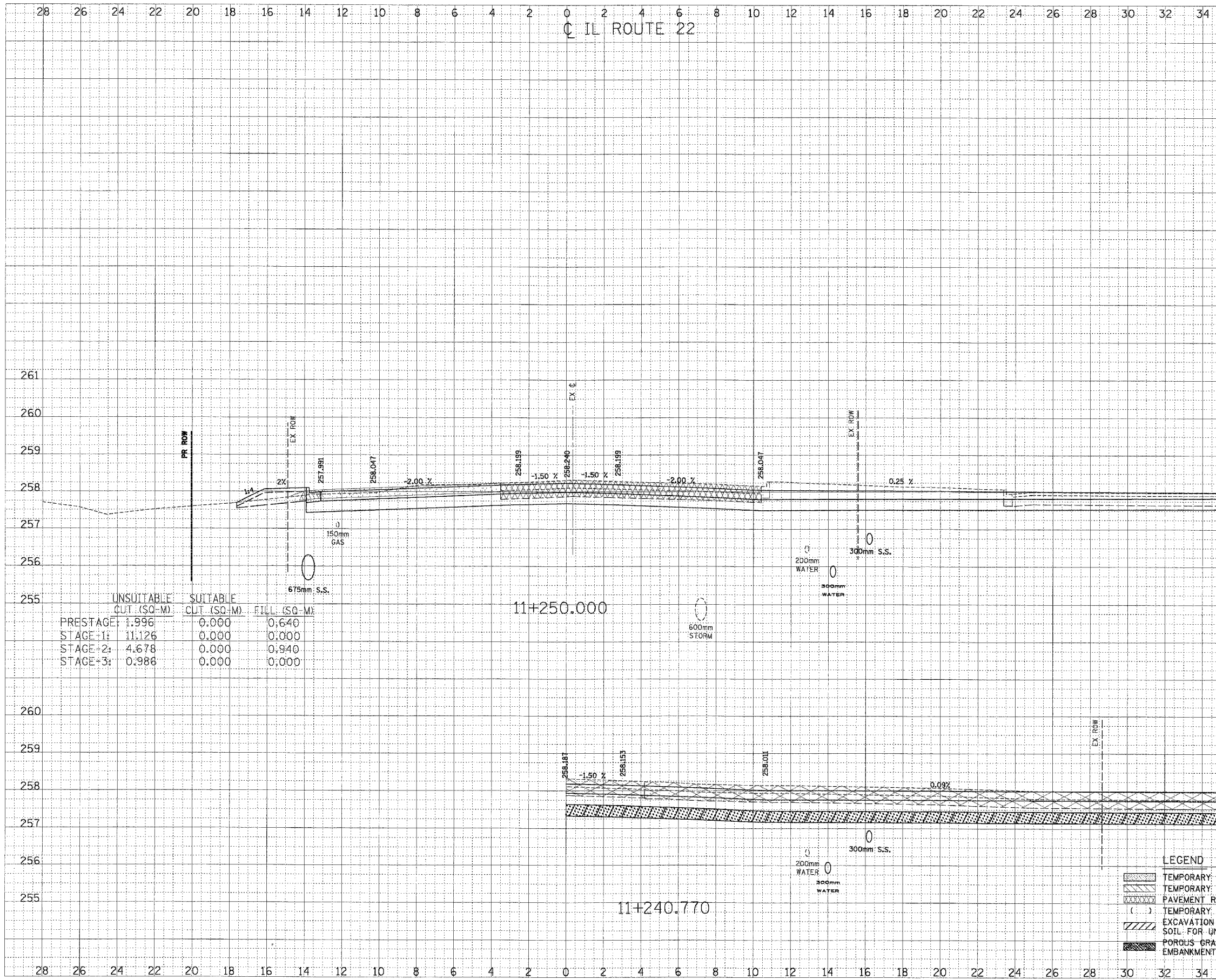
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	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
255	PRESTAGE: 1.188	0.000	0.380
	STAGE-1: 5.752	0.000	0.453
	STAGE-2: 7.014	0.000	0.298
254	STAGE-3: 3.210	0.000	0.000

**LEGEND**

	TEMPORARY PAVEMENT	254
	TEMPORARY AGGREGATE SHOULDER	
	PAVEMENT REMOVAL	
	TEMPORARY DITCH ELEVATION	
	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS	253
	POROUS GRANULAR EMBANKMENT, SUBGRADE	



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	247
STA. 11+240.770		TO STA. 11+250		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 6203D				

FINAL SURVEY	DATE
SURVEY	BY
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEY	BY
PLOTTED	
NOTE BOOK	
AREAS CHECKED	

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	1.996	0.000	0.640
STAGE+1:	11.126	0.000	0.000
STAGE+2:	4.678	0.000	0.940
STAGE+3:	0.986	0.000	0.000

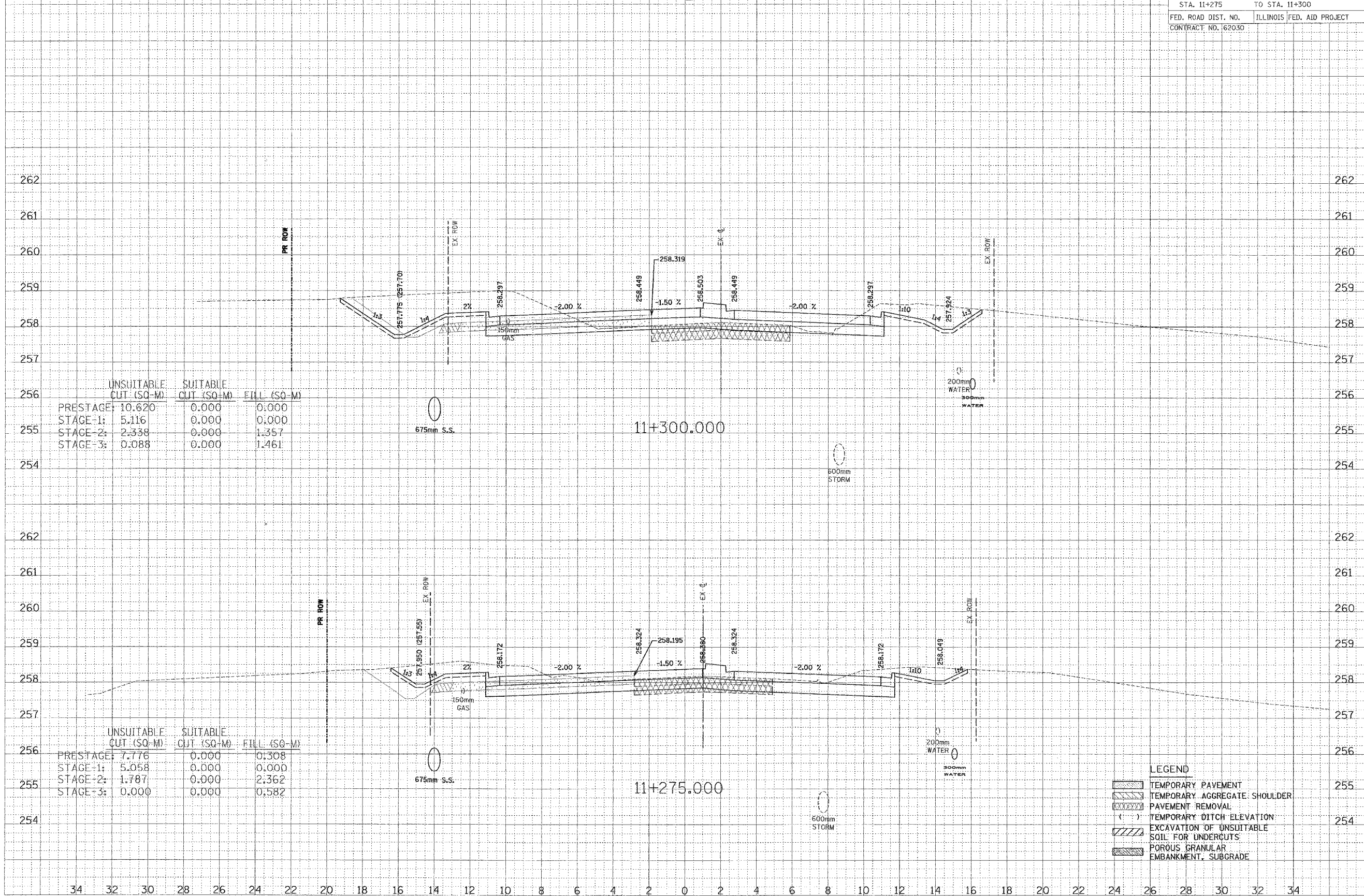
**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE



FINAL SURVEY	BY	DATE
PLANNED SURVEY		
NOTE BOOK		
AREAS CHECKED		

FINAL SURVEY	BY	DATE
PLANNED SURVEY		
NOTE BOOK		
AREAS CHECKED		



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	10.620	0.000	0.000
STAGE-1	5.116	0.000	0.000
STAGE-2	2.338	0.000	1.357
STAGE-3	0.088	0.000	1.461

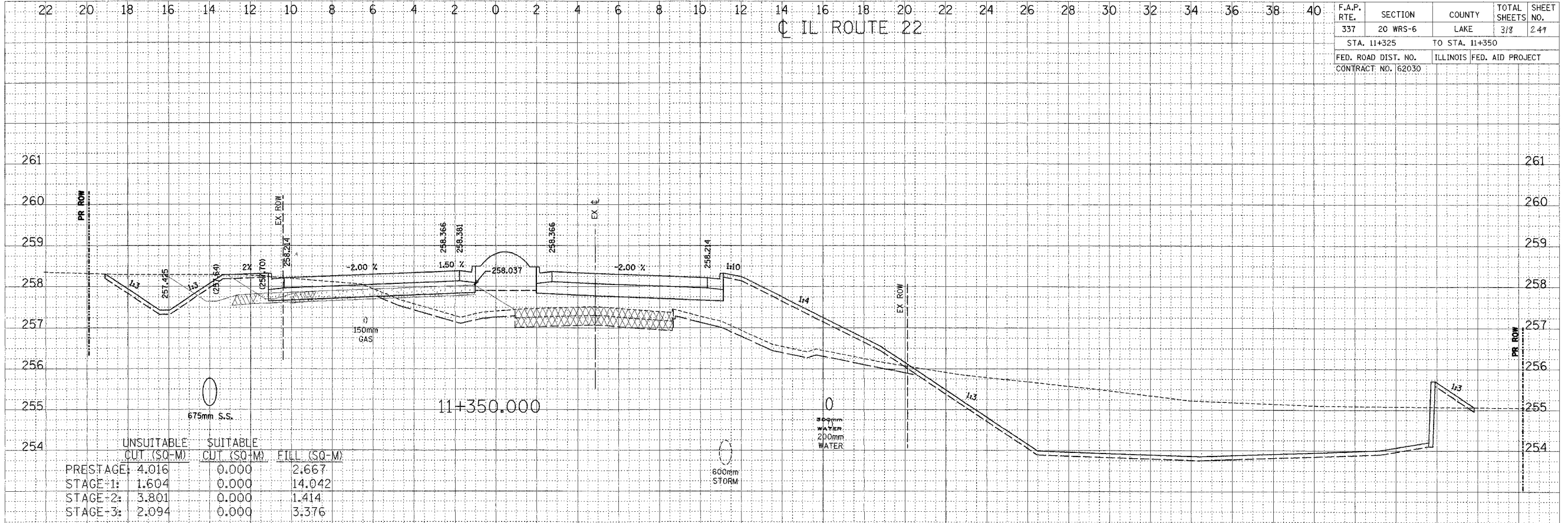
	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	7.776	0.000	0.308
STAGE-1	5.058	0.000	0.000
STAGE-2	1.787	0.000	2.362
STAGE-3	0.000	0.000	0.582

- LEGEND**
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE

IL ROUTE 22

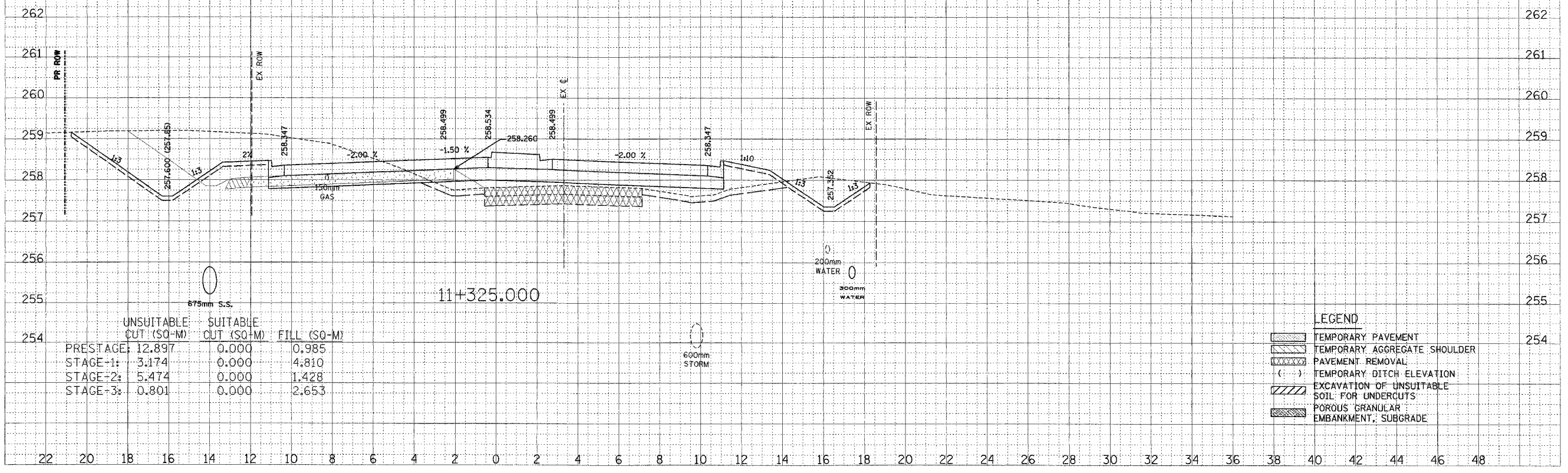
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	37	247
STA. 11+325		TO STA. 11+350		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

DATE	BY
DATE	BY
DATE	BY



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	4.016	0.000	2.667
STAGE-1:	1.604	0.000	14.042
STAGE-2:	3.801	0.000	1.414
STAGE-3:	2.094	0.000	3.376

DATE	BY
DATE	BY
DATE	BY



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	12.897	0.000	0.985
STAGE-1:	3.174	0.000	4.810
STAGE-2:	5.474	0.000	1.428
STAGE-3:	0.801	0.000	2.653

LEGEND

	TEMPORARY PAVEMENT
	TEMPORARY AGGREGATE SHOULDER
	PAVEMENT REMOVAL
	TEMPORARY DITCH ELEVATION
	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
	POROUS GRANULAR EMBANKMENT, SUBGRADE

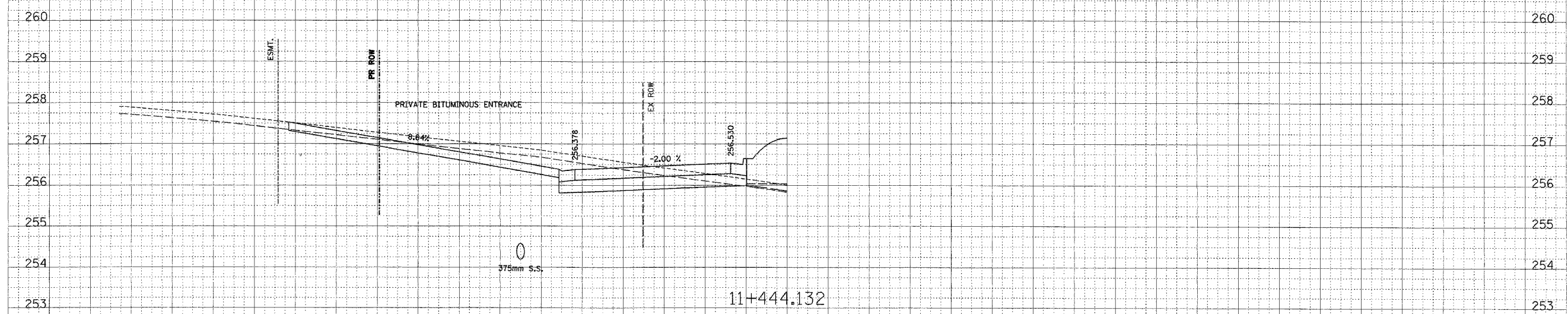




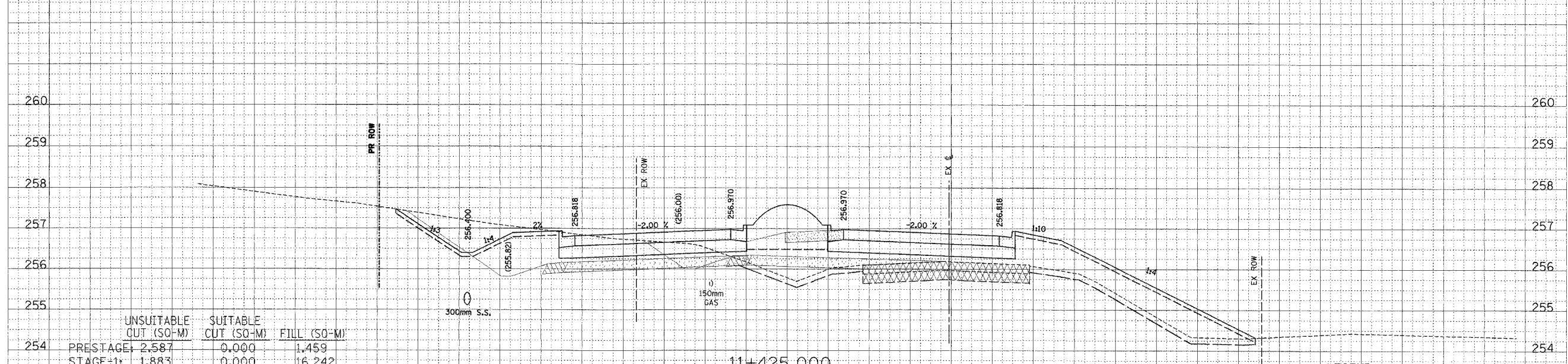


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/2	252
STA. 11+425		TO STA. 11+444.132		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 162030				

FINAL	BY	DATE
SHEET		
NO.		
REVISIONS		
1		
2		
3		
4		
5		
6		
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10		



ORIGINAL	BY	DATE
SHEET		
NO.		
REVISIONS		
1		
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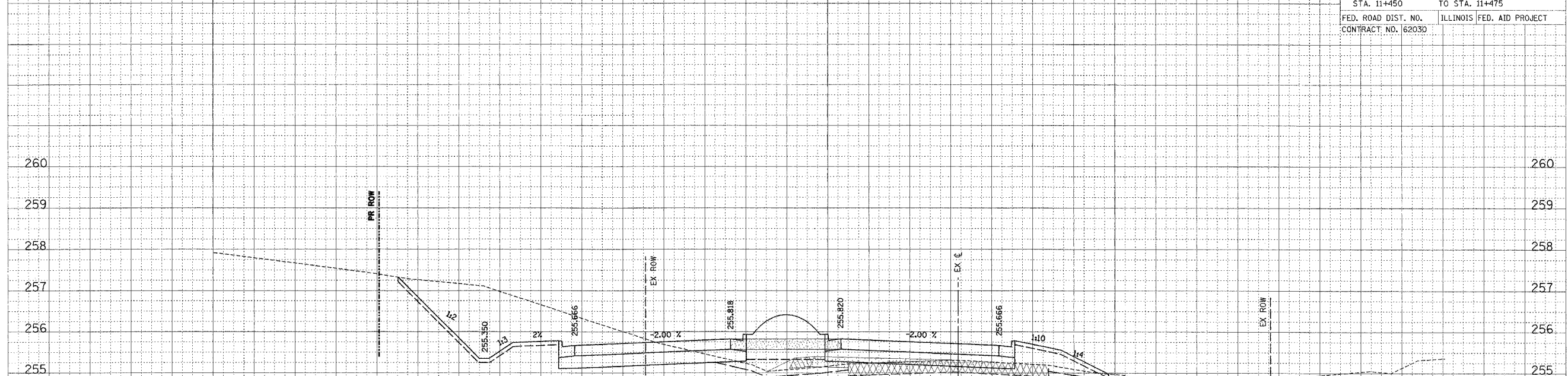
	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
254	PRESTAGE: 2.587	0.000	1.459
254	STAGE-1: 1.883	0.000	16.242
254	STAGE-2: 6.373	0.000	1.126
253	STAGE-3: 0.000	0.000	3.846

**LEGEND**

	TEMPORARY PAVEMENT
	TEMPORARY AGGREGATE SHOULDER
	PAVEMENT REMOVAL
	TEMPORARY DITCH ELEVATION
	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
	POROUS GRANULAR EMBANKMENT, SUBGRADE

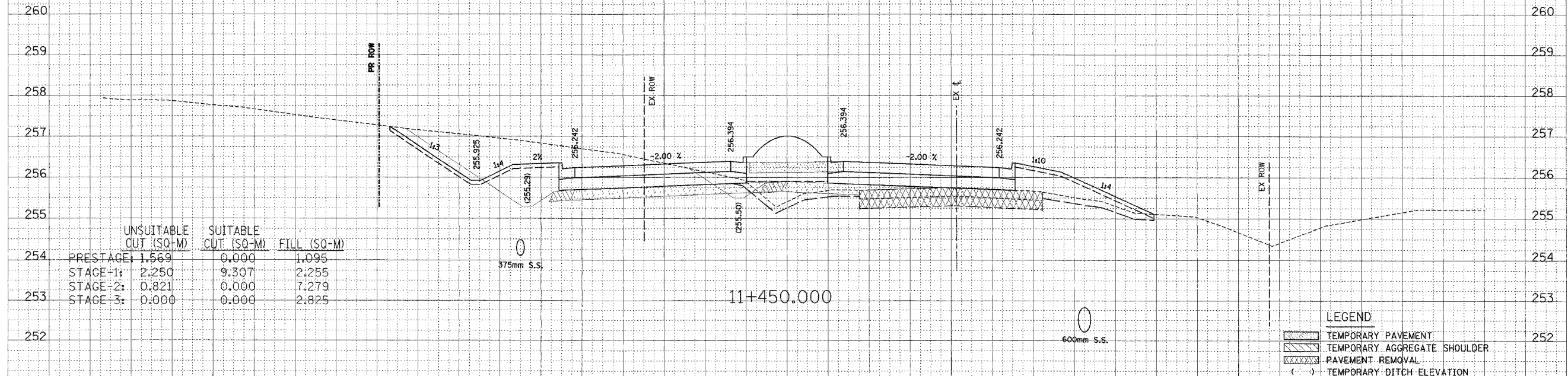


FINAL SURVEY	DATE
REVISIONS	BY
NOTED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.518	0.000	0.649
STAGE-1:	2.730	12.243	1.694
STAGE-2:	0.405	0.000	3.704
STAGE-3:	0.587	0.000	3.477

ORIGINAL SURVEY	DATE
REVISIONS	BY
NOTED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	

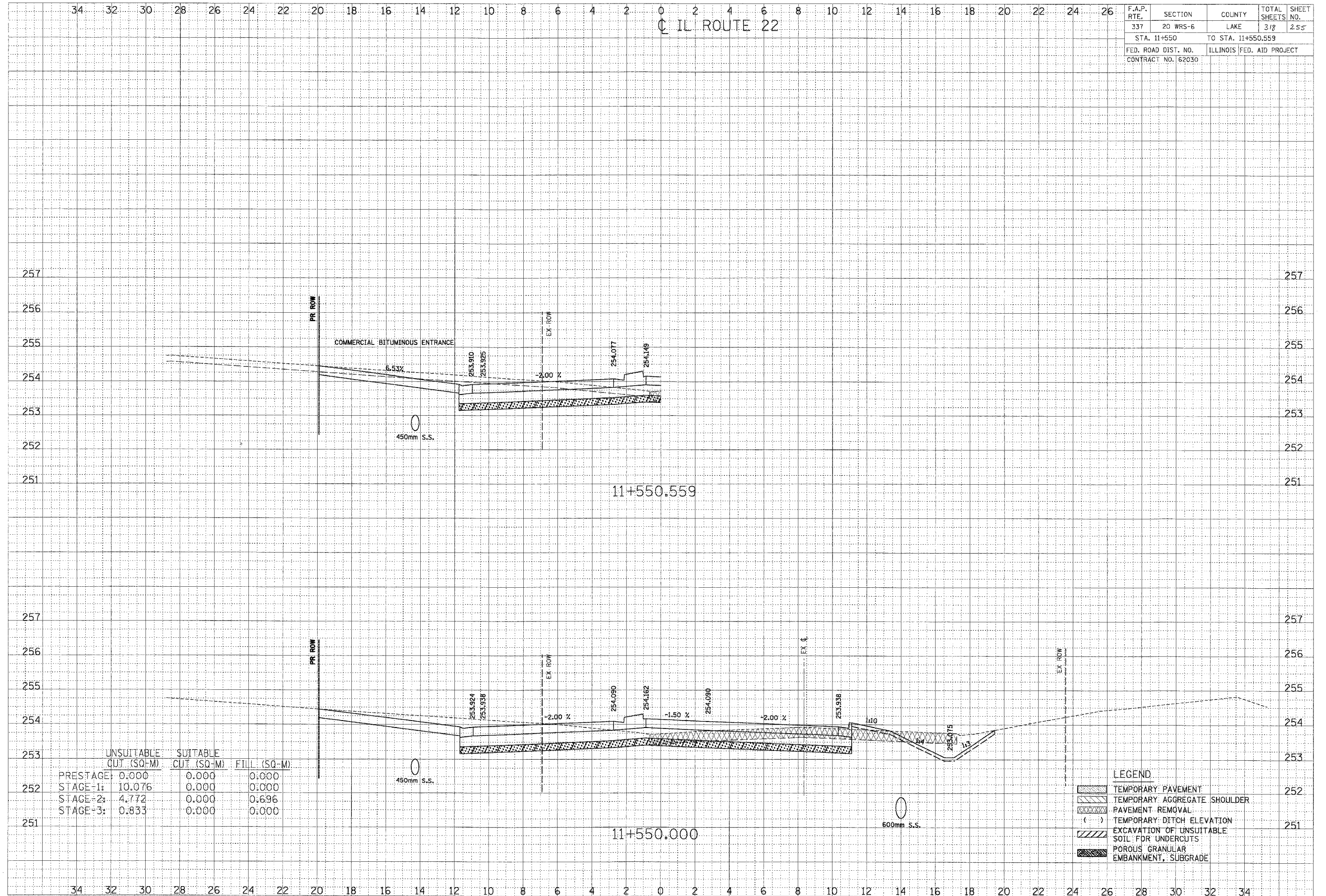


	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	1.569	0.000	1.095
STAGE-1:	2.250	9.307	2.255
STAGE-2:	0.821	0.000	7.279
STAGE-3:	0.000	0.000	2.825

- LEGEND**
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE







F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	255
STA. 11+550		TO STA. 11+550.559		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	DATE
SURVEYED BY	
NOTE BOOK NO.	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEYED BY	
NOTE BOOK NO.	
AREAS CHECKED	

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE-1:	10.076	0.000	0.000
STAGE-2:	4.772	0.000	0.696
STAGE-3:	0.833	0.000	0.000

**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE

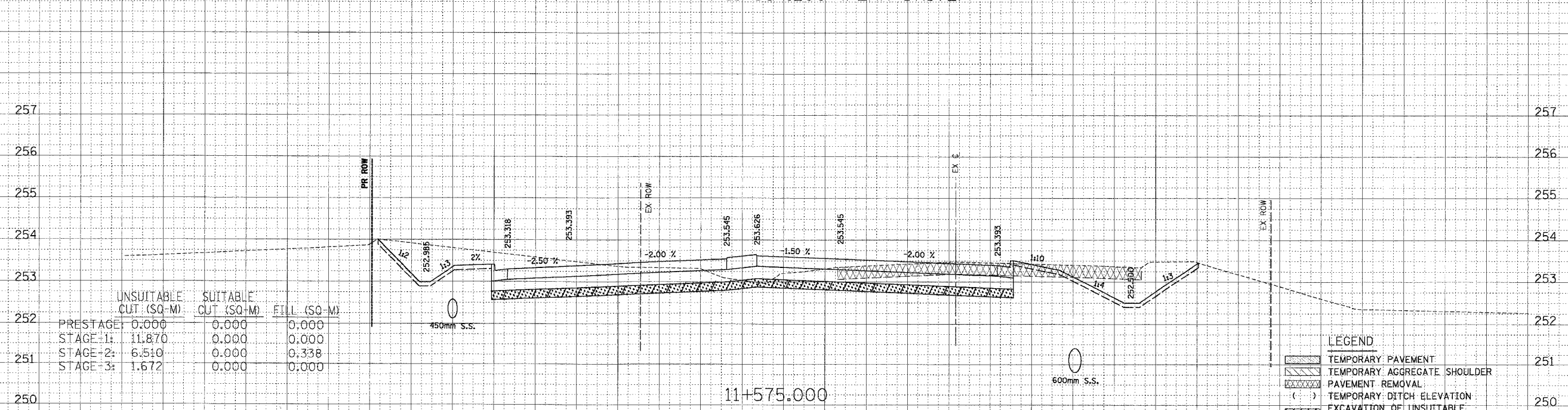
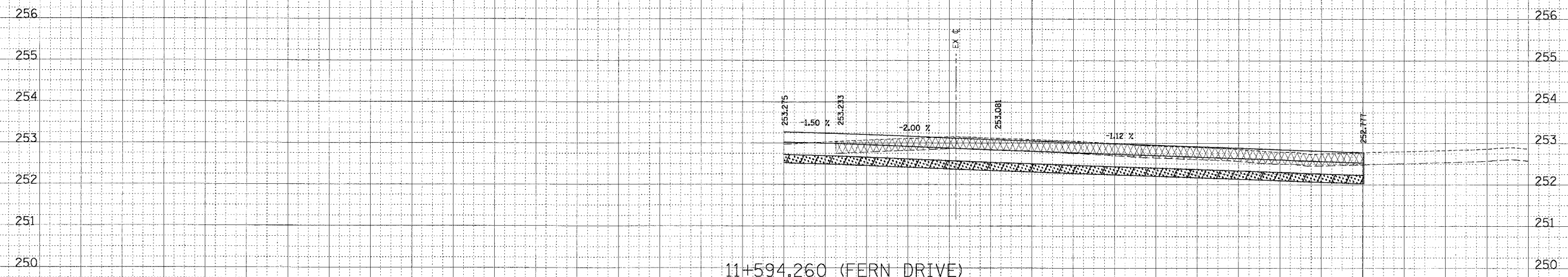
34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26

IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	254
STA. 11+575		TO STA. 11+594.260		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	DATE
BY	
REVISIONS	
NO.	

ORIGINAL SURVEY	DATE
BY	
REVISIONS	
NO.	



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	0.000	0.000	0.000
STAGE-1	11.870	0.000	0.000
STAGE-2	6.510	0.000	0.338
STAGE-3	1.672	0.000	0.000

- LEGEND**
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34



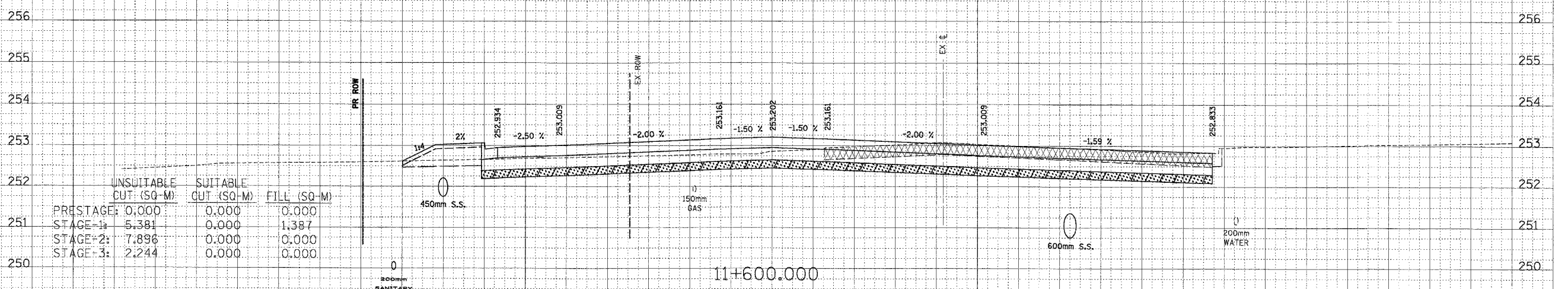


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IL ROUTE 22

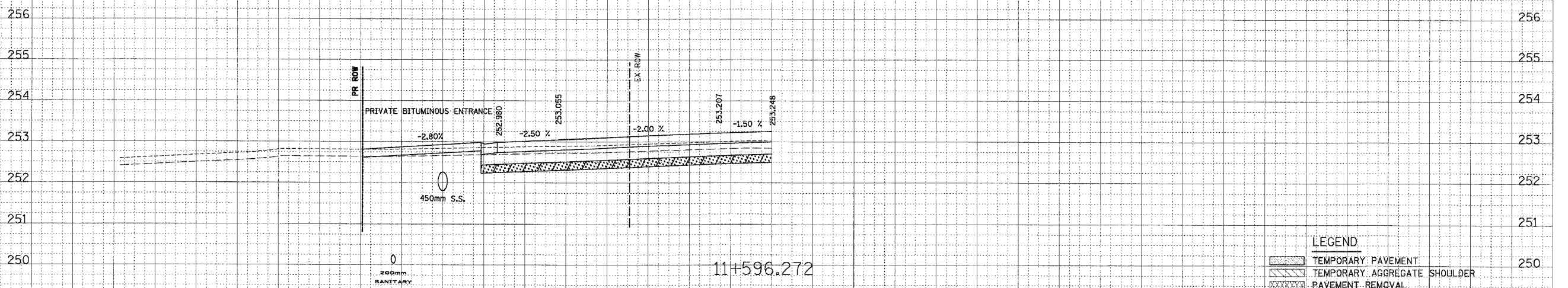
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	258
STA. 11+596.272		TO STA. 11+600		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	SUPERVISED BY	DATE
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE-1:	5.381	0.000	1.387
STAGE-2:	7.896	0.000	0.000
STAGE-3:	2,244	0.000	0.000

ORIGINAL SURVEY	SUPERVISED BY	DATE
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE

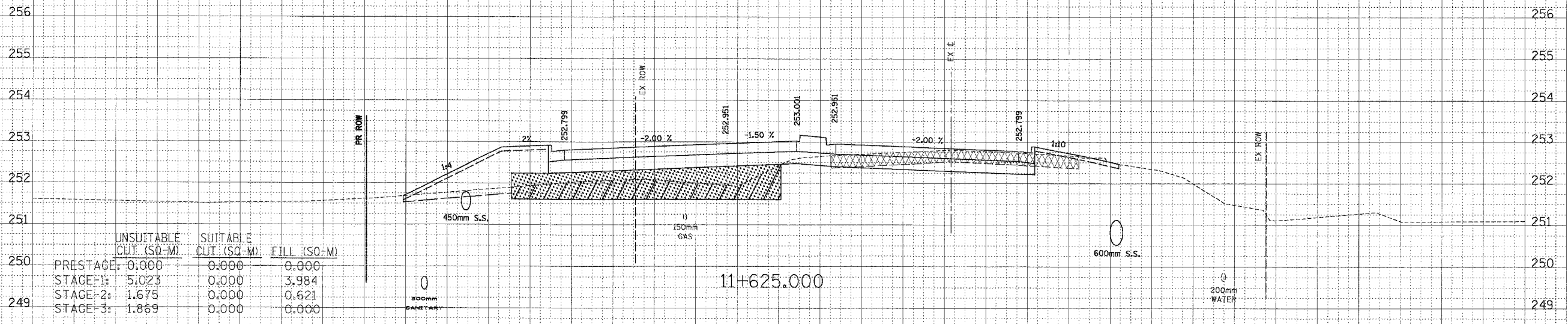
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34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26

IL ROUTE 22

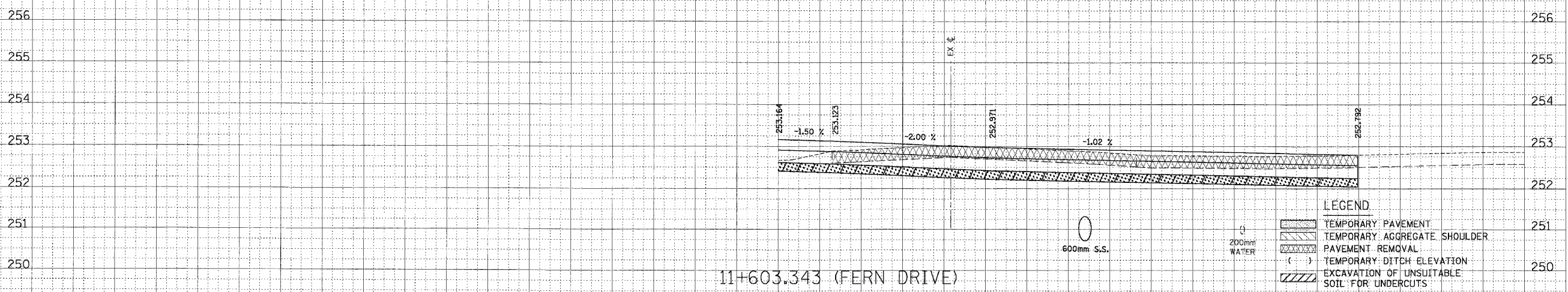
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	254
STA. 11+603.343		TO STA. 11+625		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 162030				

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



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	0.000	0.000	0.000
STAGE-1	5.023	0.000	3.984
STAGE-2	1.675	0.000	0.621
STAGE-3	1.869	0.000	0.000

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



LEGEND

[Symbol]	TEMPORARY PAVEMENT
[Symbol]	TEMPORARY AGGREGATE SHOULDER
[Symbol]	PAVEMENT REMOVAL
[Symbol]	TEMPORARY DITCH ELEVATION
[Symbol]	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
[Symbol]	POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34





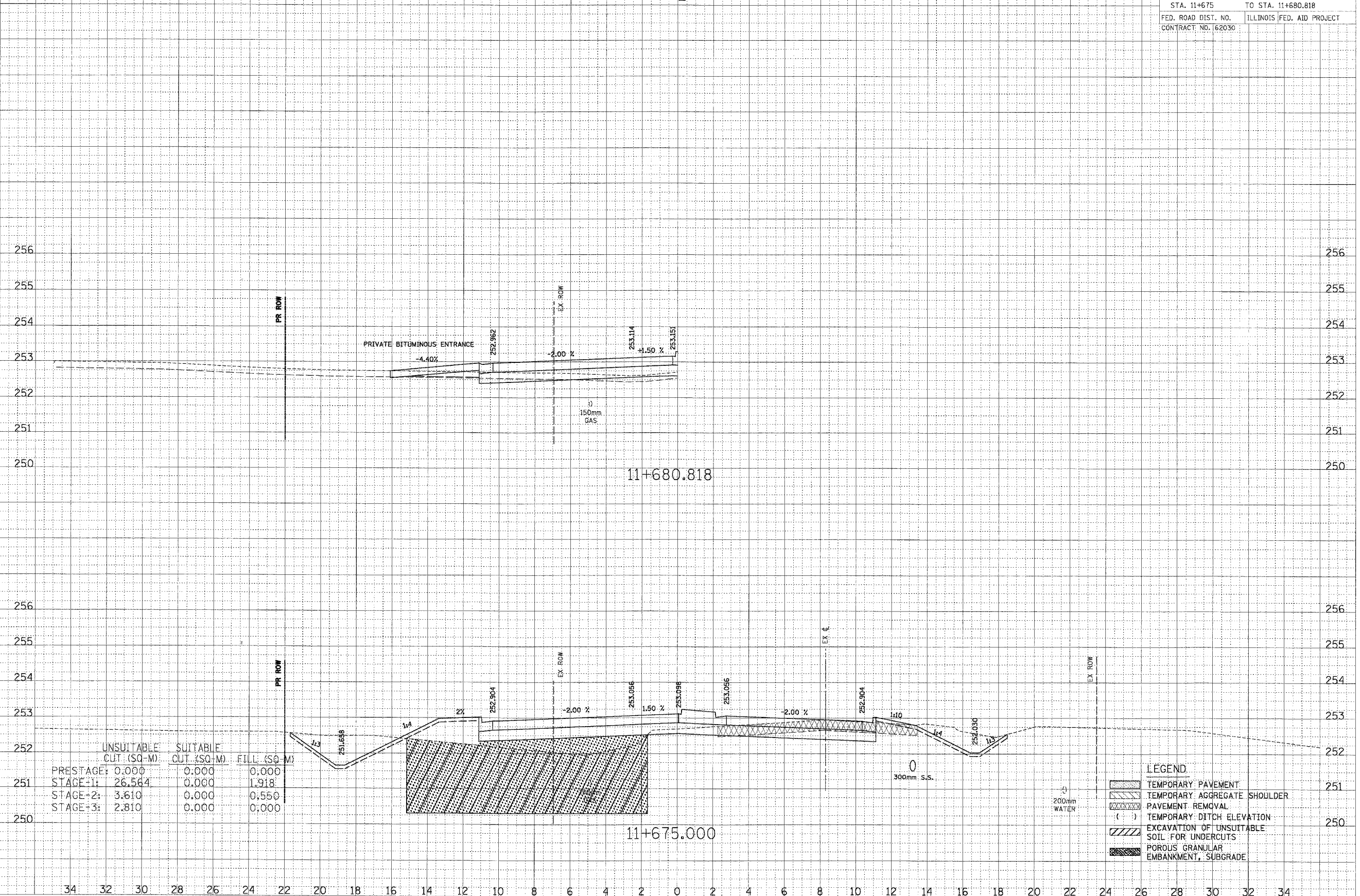
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IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	2D WRS-6	LAKE	3/8	261
STA. 11+675		TO STA. 11+680.818		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 162030				

DATE	BY
DATE	BY
DATE	BY

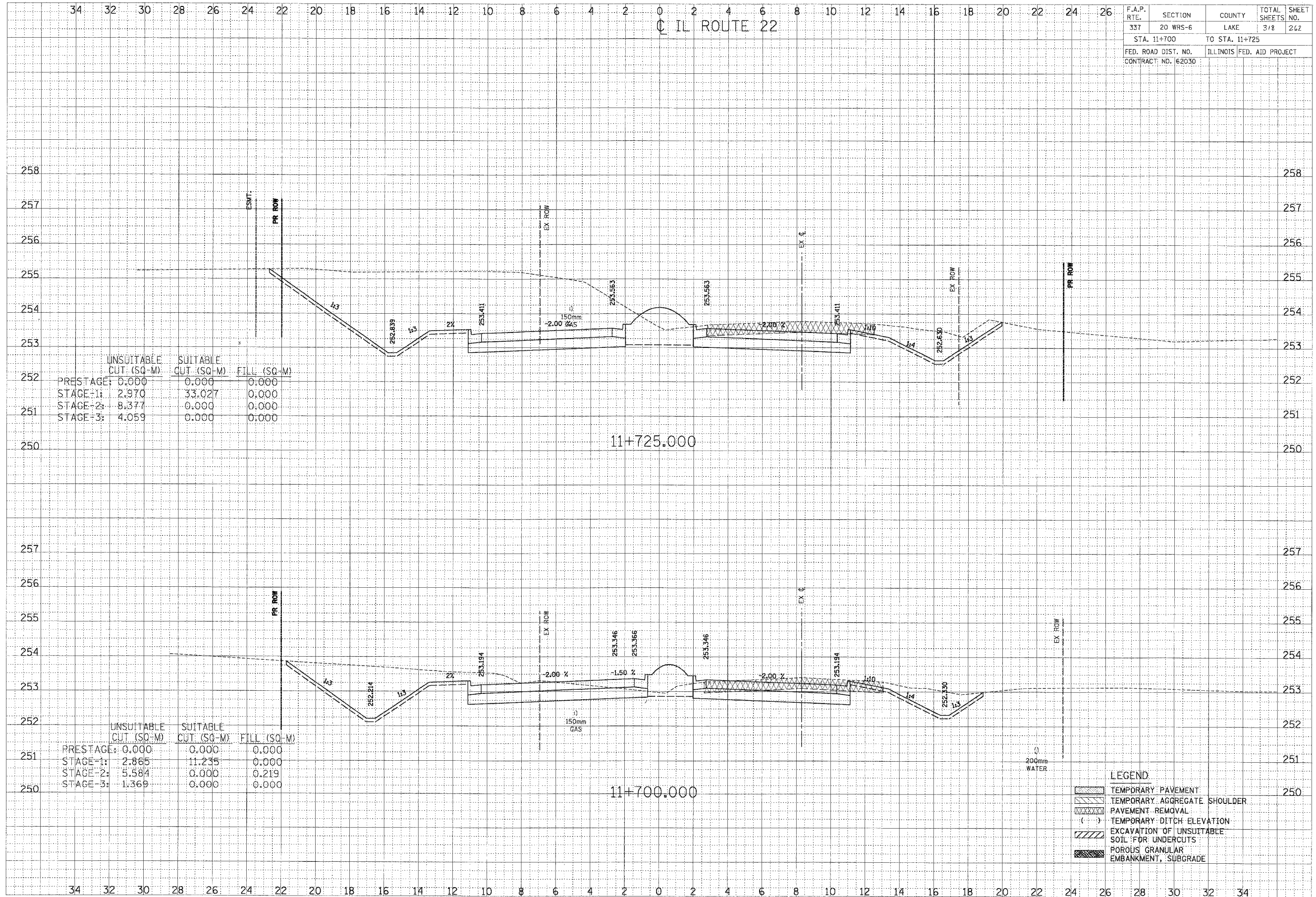
DATE	BY
DATE	BY
DATE	BY



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE+1:	26.564	0.000	1.918
STAGE+2:	3.610	0.000	0.550
STAGE+3:	2.810	0.000	0.000

- LEGEND**
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	2/2
STA. 11+700		TO STA. 11+725		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	BY	DATE
REVISION		
NOTE BOOK		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
REVISION		
NOTE BOOK		
AREAS CHECKED		

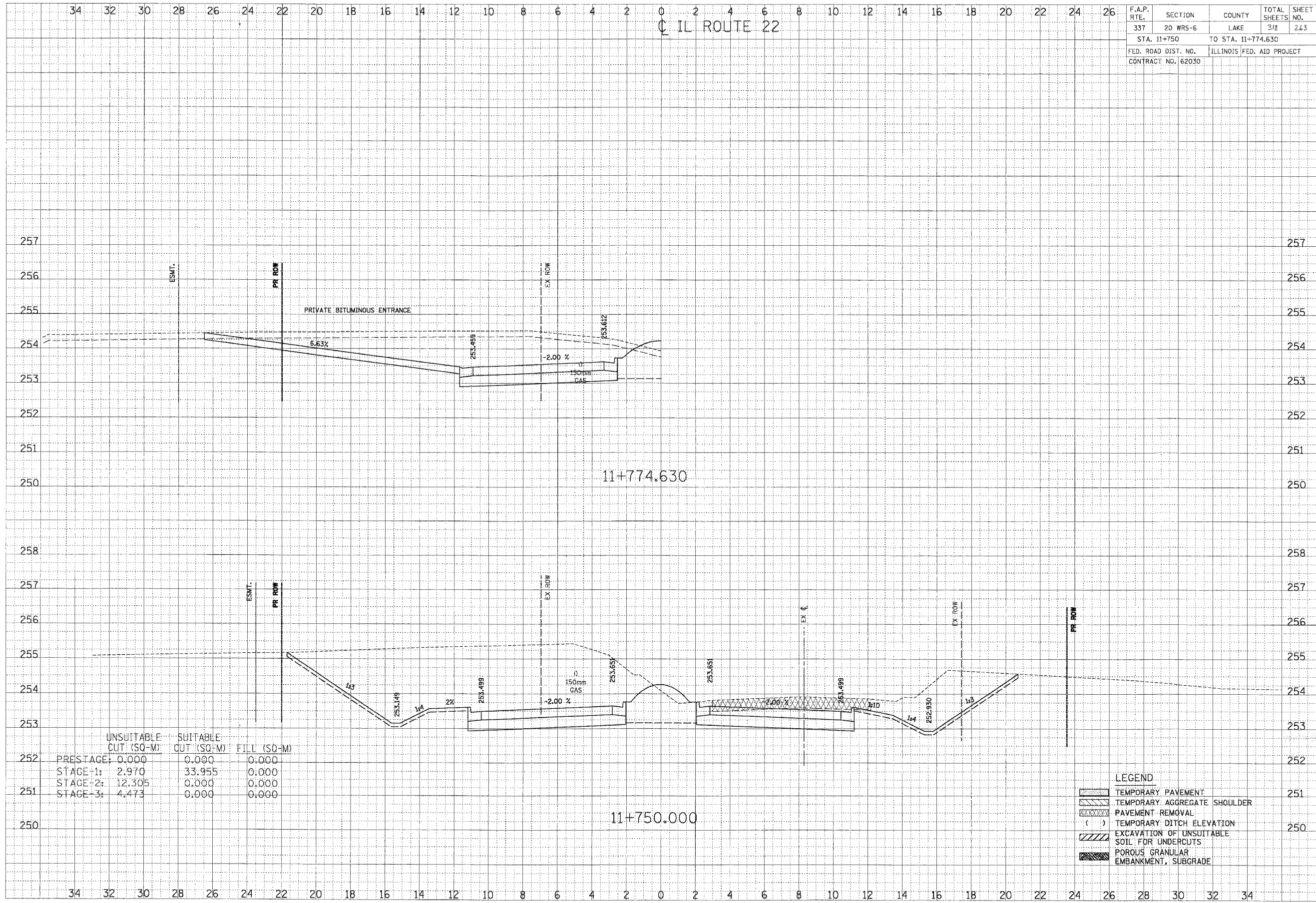
	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE-1:	2.970	33.027	0.000
STAGE-2:	8.377	0.000	0.000
STAGE-3:	4.059	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE-1:	2.865	11.235	0.000
STAGE-2:	5.584	0.000	0.219
STAGE-3:	1.369	0.000	0.000

**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	243
STA. 11+750		TO STA. 11+774.630		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
SURVEYED	BY
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
252	PRESTAGE: 0.000	0.000	0.000
	STAGE-1: 2.970	33.955	0.000
	STAGE-2: 12.305	0.000	0.000
251	STAGE-3: 4.473	0.000	0.000

- LEGEND**
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE

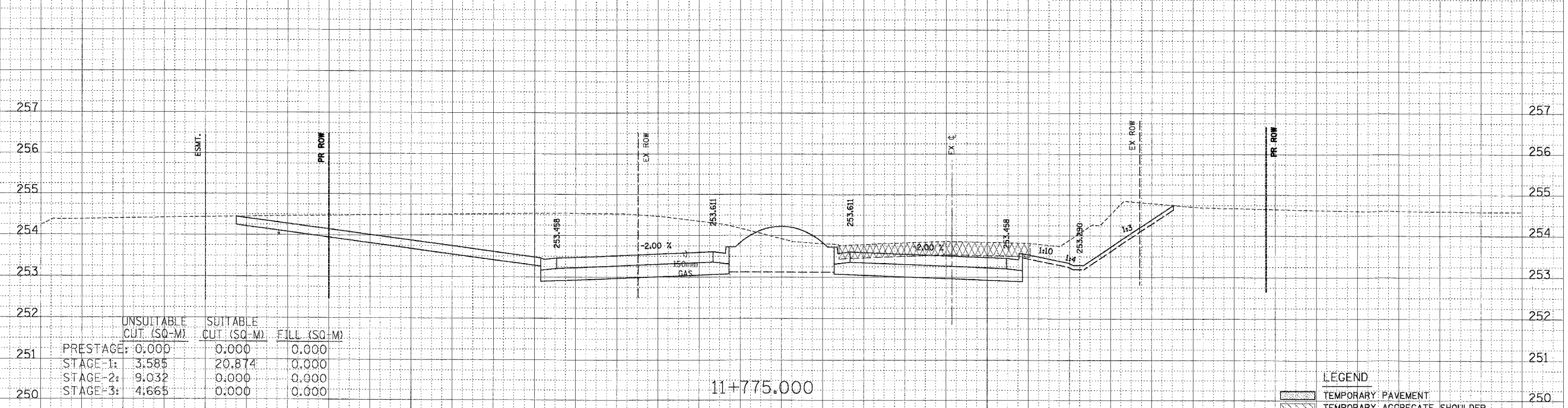
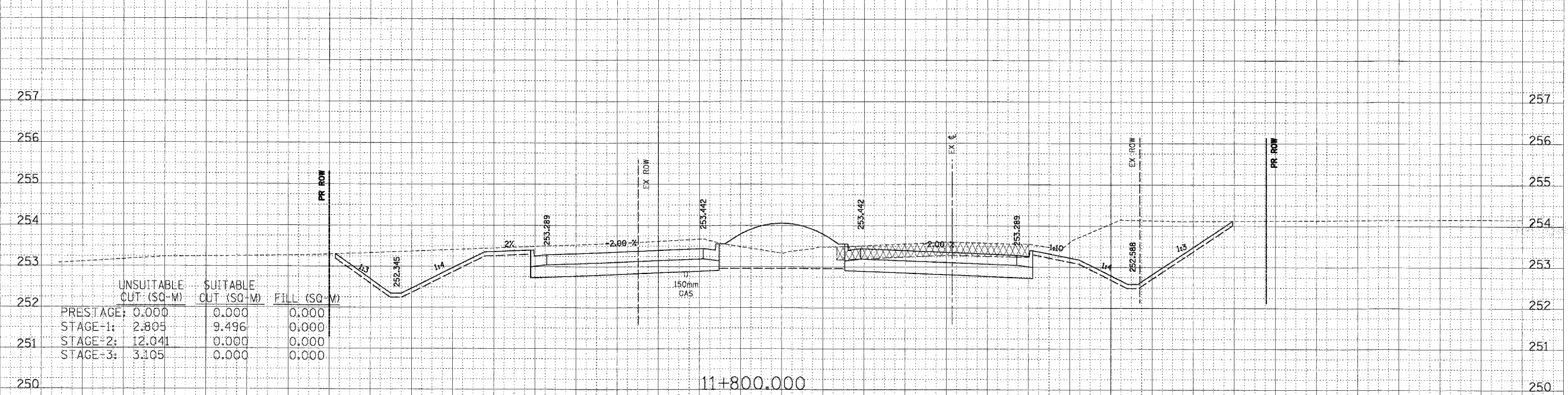


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 IL ROUTE 22

F.A.P. RTE. 337	SECTION 20 WRS-6	COUNTY LAKE	TOTAL SHEETS 3/8	SHEET NO. 264
STA. 11+775		TO STA. 11+800		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62030				

FINAL SURVEY NOTE BOOK NO.	DATE
SURVEYED BY	
TEMPERATURE AREAS CHECKED	
AREAS CHECKED	

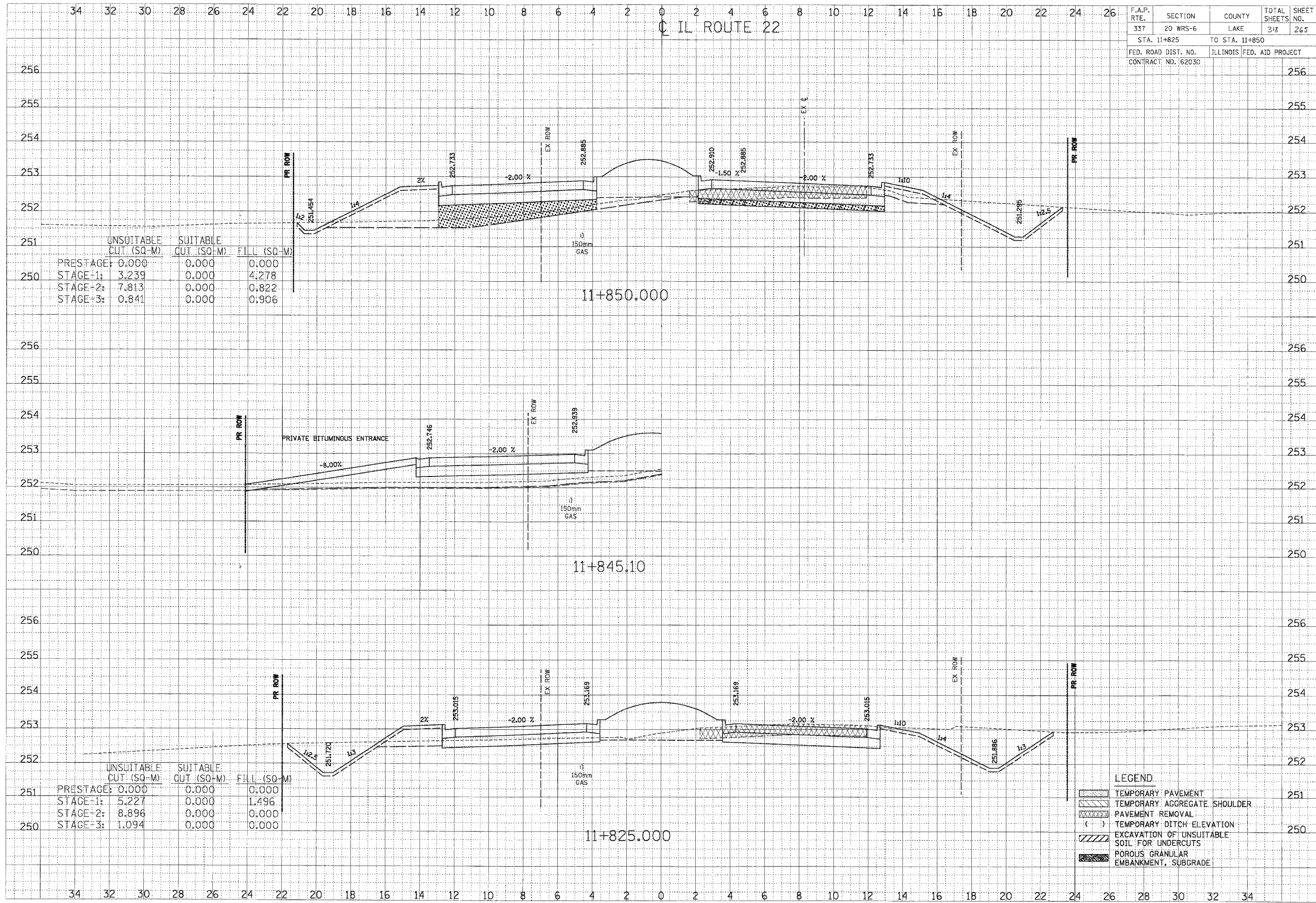
ORIGINAL SURVEY NOTE BOOK NO.	DATE
SURVEYED BY	
TEMPERATURE AREAS CHECKED	
AREAS CHECKED	



LEGEND

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34



F.A.P. RTE. 337	SECTION 20 WRS-6	COUNTY LAKE	TOTAL SHEETS 3 1/2	SHEET NO. 265
STA. 11+825		TO STA. 11+850		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 162030				

FINAL SURVEY	DATE
BY	
REVIEWED	
DATE	
BY	
NOTED	
DATE	
BY	
AREAS CHECKED	

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE-1:	3.239	0.000	4.278
STAGE-2:	7.813	0.000	0.822
STAGE-3:	0.841	0.000	0.906

ORIGINAL SURVEY	DATE
BY	
REVIEWED	
DATE	
BY	
NOTED	
DATE	
BY	
AREAS CHECKED	

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE-1:	5.227	0.000	1.496
STAGE-2:	8.896	0.000	0.000
STAGE-3:	1.094	0.000	0.000

**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE

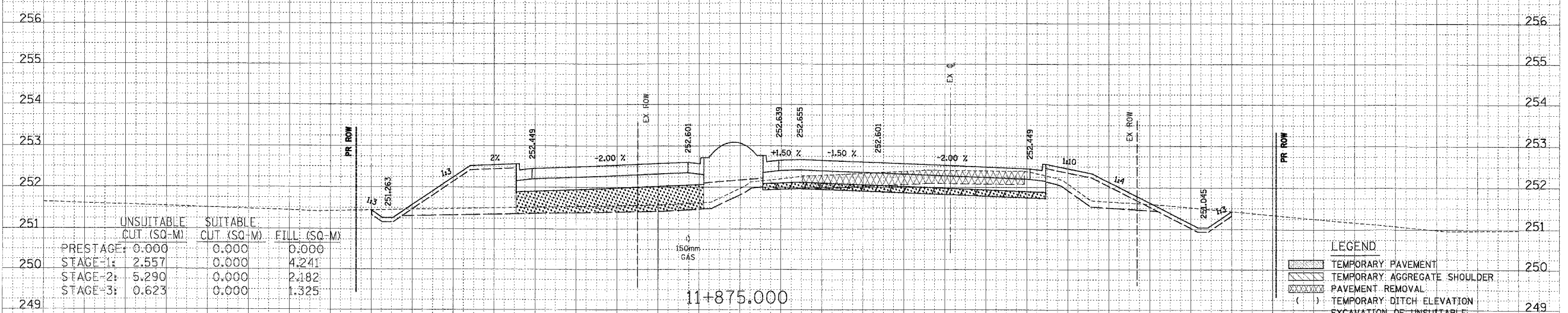
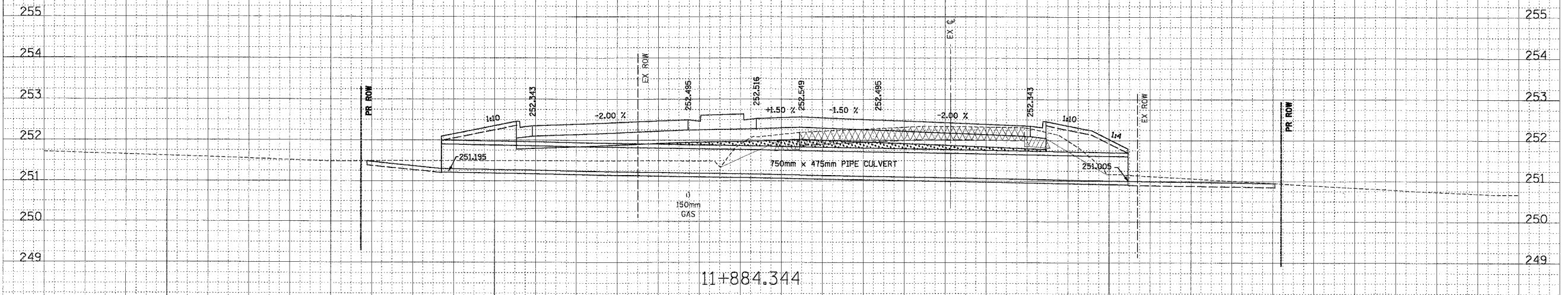
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IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	266
STA. 11+875		TO STA. 11+884.344		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLATE	
NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLATE	
NO.	AREAS CHECKED	



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	0.000	0.000	0.000
STAGE-1	2.557	0.000	4.241
STAGE-2	5.290	0.000	2.182
STAGE-3	0.623	0.000	1.325

**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE

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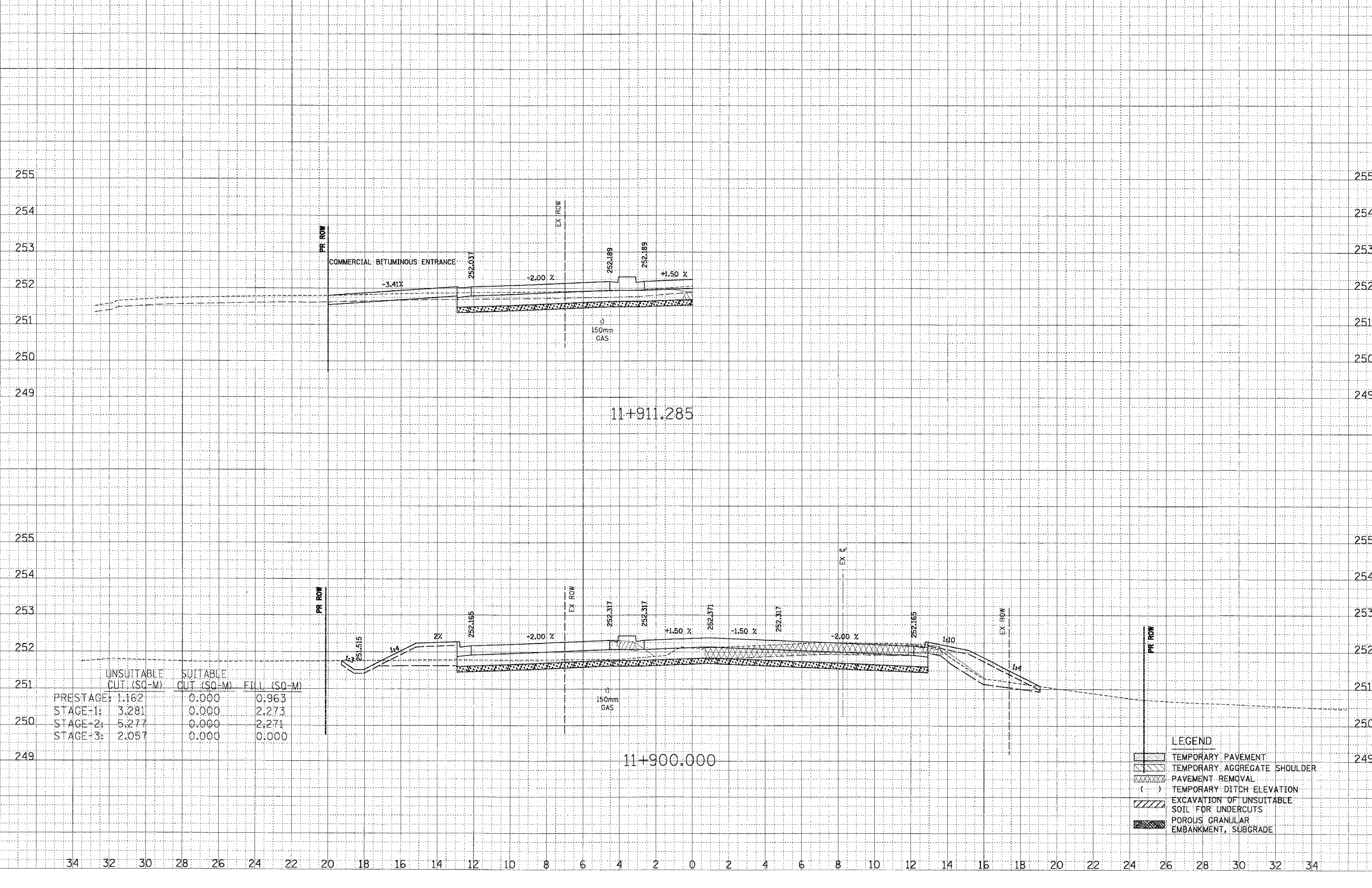
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C I L ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	378	267
STA. 11+900		TO STA. 11+911.285		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 62030				

FINAL SURVEY	DATE
BY	
DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	

ORIGINAL SURVEY	DATE
BY	
DATE	
BY	
DATE	
BY	
DATE	
BY	
DATE	



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	1.162	0.000	0.963
STAGE+1:	3.281	0.000	2.273
STAGE+2:	5.277	0.000	2.271
STAGE+3:	2.057	0.000	0.000

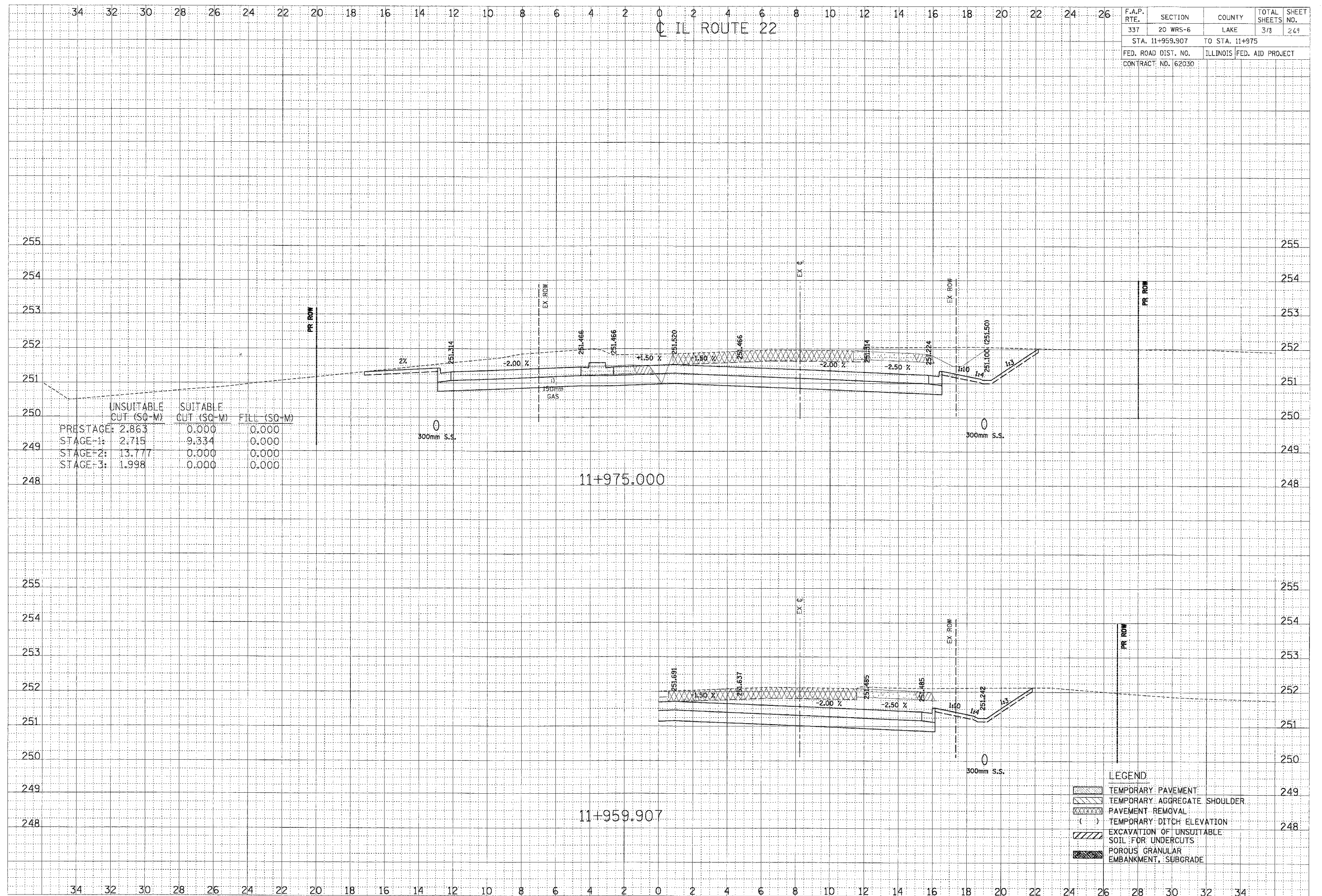
**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34







IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	249
STA. 11+959.907		TO STA. 11+975		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	2.863	0.000	0.000
STAGE-1:	2.715	9.334	0.000
STAGE-2:	13.777	0.000	0.000
STAGE-3:	1.998	0.000	0.000

FINAL SURVEY  
 SURVEY  
 NOTE BOOK  
 AREAS  
 CHECKED

ORIGINAL SURVEY  
 SURVEY  
 NOTE BOOK  
 AREAS  
 CHECKED

**LEGEND**

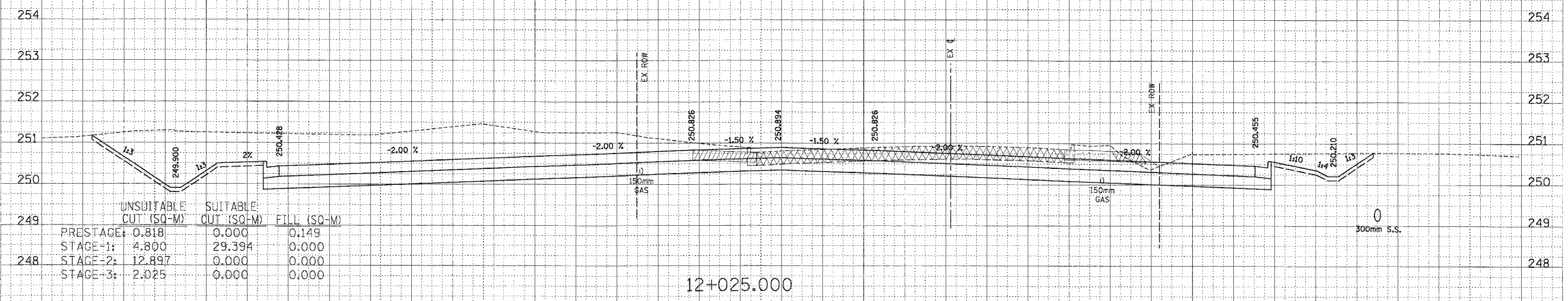
	TEMPORARY PAVEMENT
	TEMPORARY AGGREGATE SHOULDER
	PAVEMENT REMOVAL
	TEMPORARY DITCH ELEVATION
	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
	POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26  
 ILL ROUTE 22

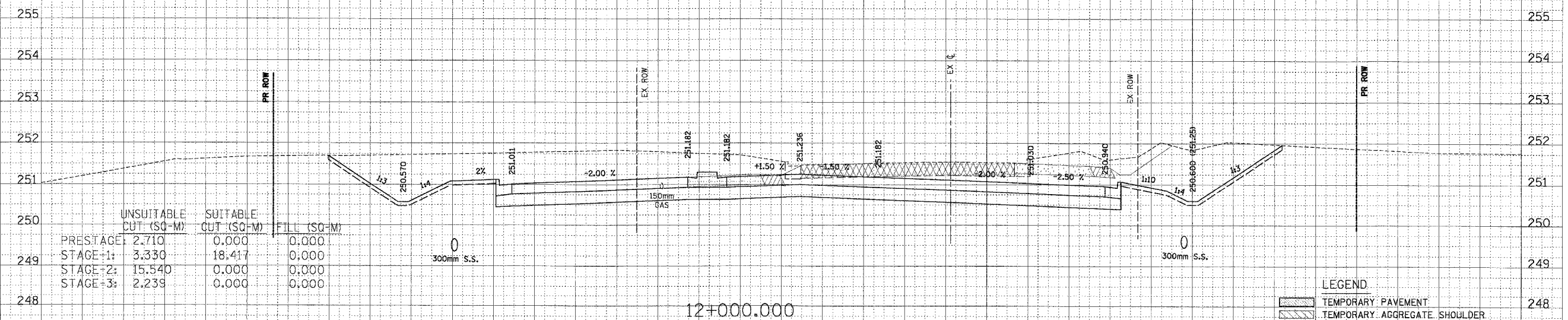
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	270
STA. 12+000		TO STA. 12+025		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	DATE
BY	
NO.	

ORIGINAL SURVEY	DATE
BY	
NO.	



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	0.818	0.000	0.149
STAGE-1	4.800	29.394	0.000
STAGE-2	12.897	0.000	0.000
STAGE-3	2.025	0.000	0.000



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	2.710	0.000	0.000
STAGE-1	3.330	18.417	0.000
STAGE-2	15.540	0.000	0.000
STAGE-3	2.239	0.000	0.000

**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34







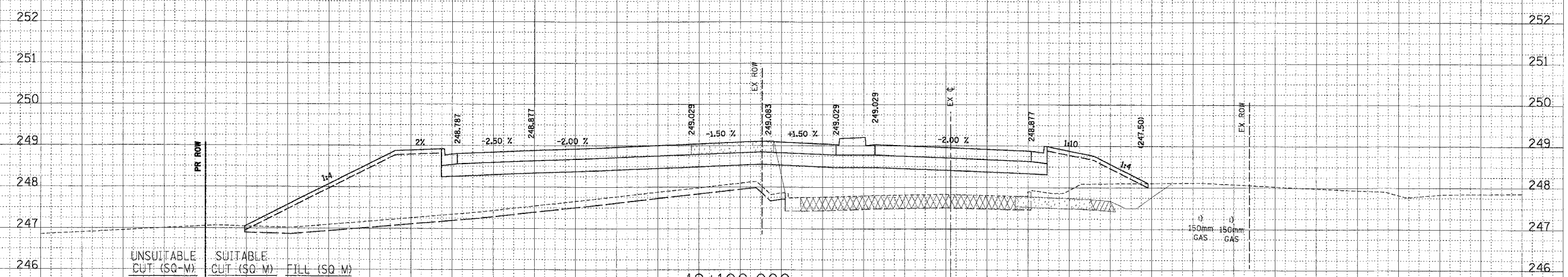
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IL ROUTE 22

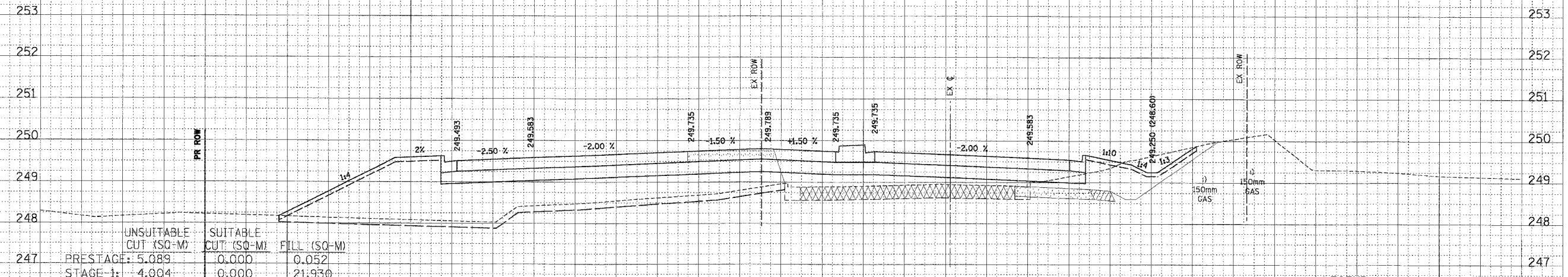
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	272
STA. 12+075		TO STA. 12+100		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	DATE
BY	
NO.	

ORIGINAL SURVEY	DATE
BY	
NO.	



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	3.145	0.000	0.051
STAGE-1:	4.011	0.000	25.329
STAGE-2:	0.235	0.000	12.780
STAGE-3:	0.000	0.000	4.685



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	5.089	0.000	0.052
STAGE-1:	4.004	0.000	21.930
STAGE-2:	0.235	0.000	7.506
STAGE-3:	0.000	0.000	2.774

- LEGEND**
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34

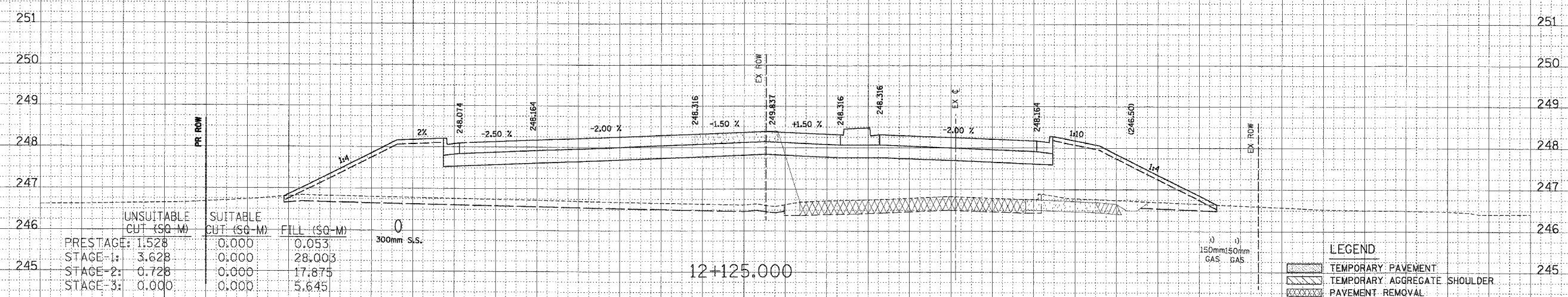
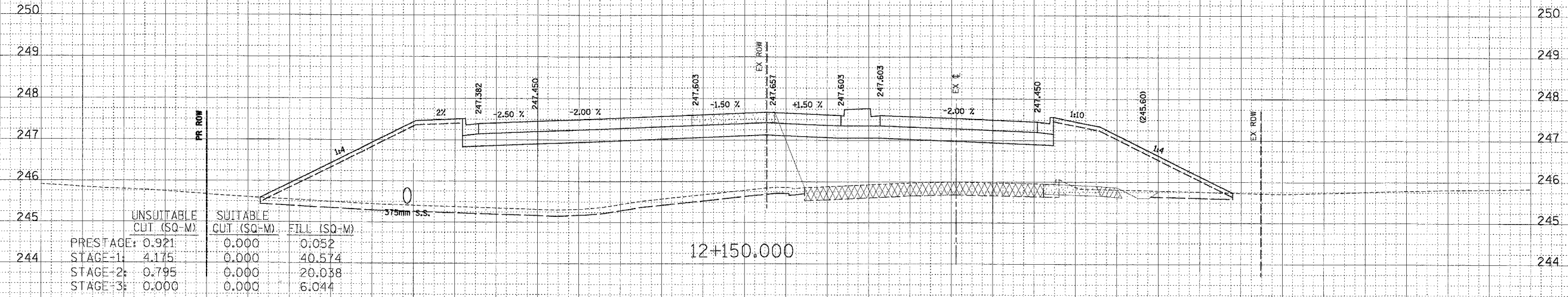
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IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	273
STA. 12+125		TO STA. 12+150		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		



**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAYMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34

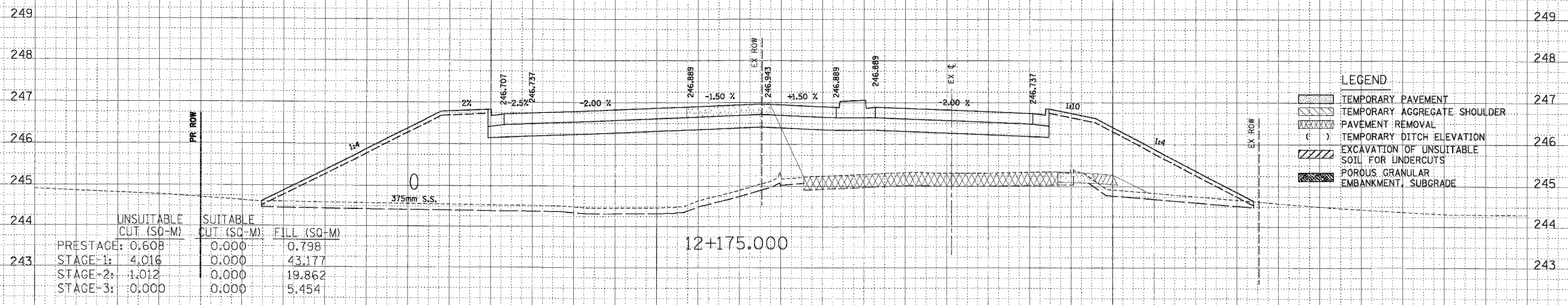
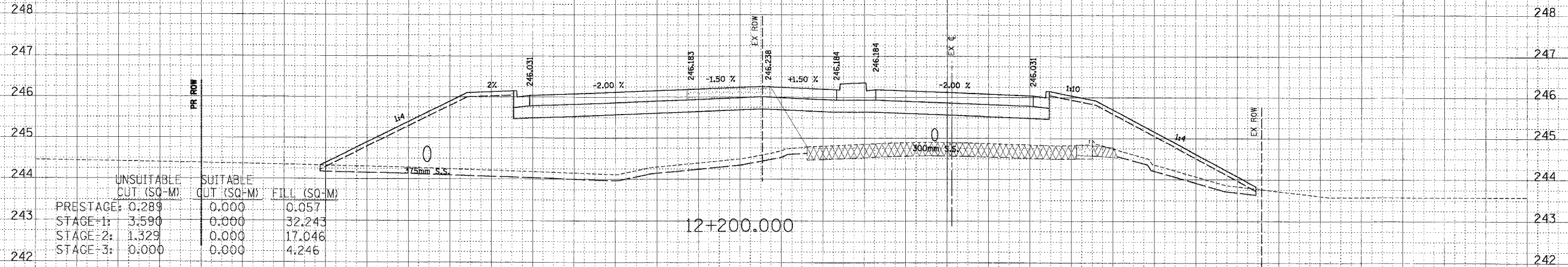
34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26

IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	36	274
STA. 12+175		TO STA. 12+200		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY



LEGEND

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE







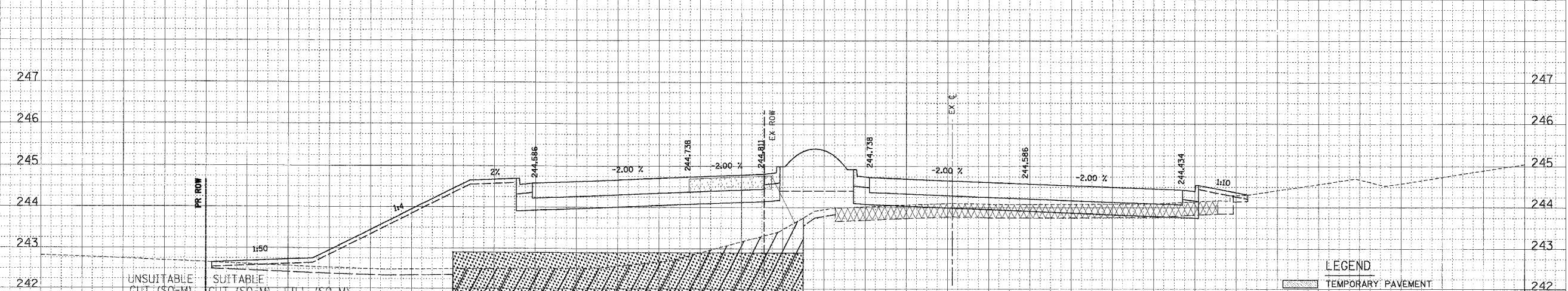
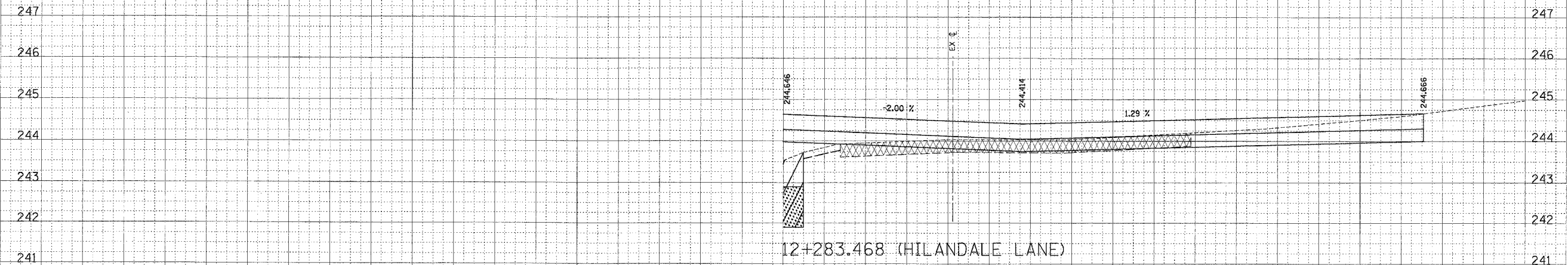
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IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	276
STA. 12+275		TO STA. 12+283.468		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	DATE
BY	
DESIGNED	
NOTED	
CHECKED	
DATE	

ORIGINAL SURVEY	DATE
BY	
DESIGNED	
NOTED	
CHECKED	
DATE	



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE-1:	17.066	0.000	32.714
STAGE-2:	0.169	0.000	3.508
STAGE-3:	0.000	0.000	2.280

LEGEND

	TEMPORARY PAVEMENT
	TEMPORARY AGGREGATE SHOULDER
	PAVEMENT REMOVAL
	TEMPORARY DITCH ELEVATION
	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
	POROUS GRANULAR EMBANKMENT, SUBGRADE

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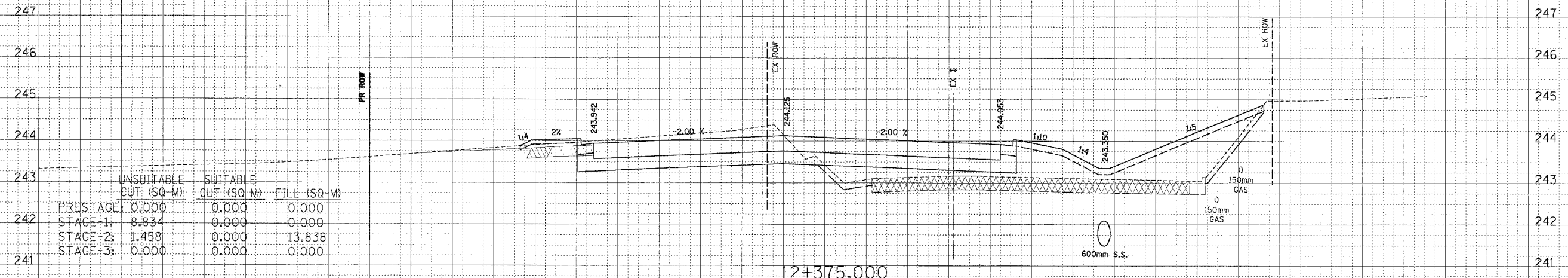
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IL ROUTE 22

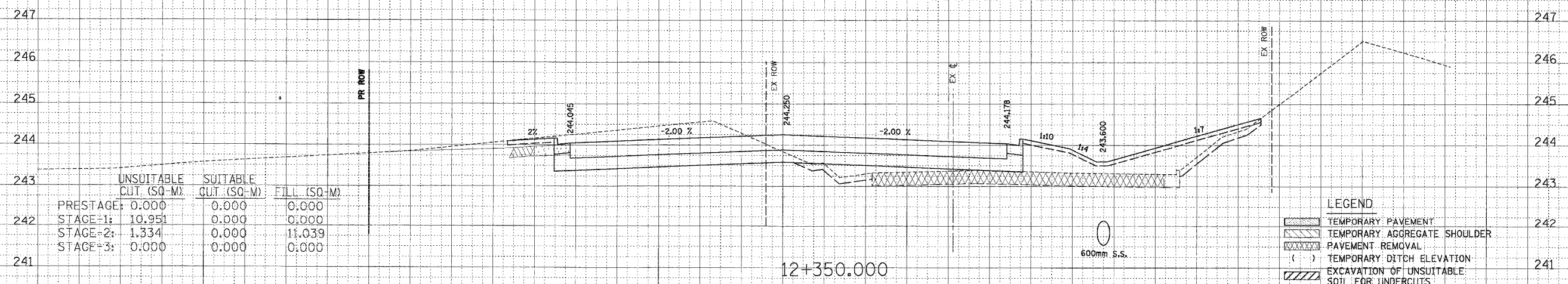
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	278
STA. 12+350		TO STA. 12+375		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 162030				

FINAL SURVEY	DATE
NOTED	BY
NO. 1000	
NO.	

ORIGINAL SURVEY	DATE
NOTED	BY
NO. 1000	
NO.	



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE-1:	8.834	0.000	0.000
STAGE-2:	1.458	0.000	13.838
STAGE-3:	0.000	0.000	0.000

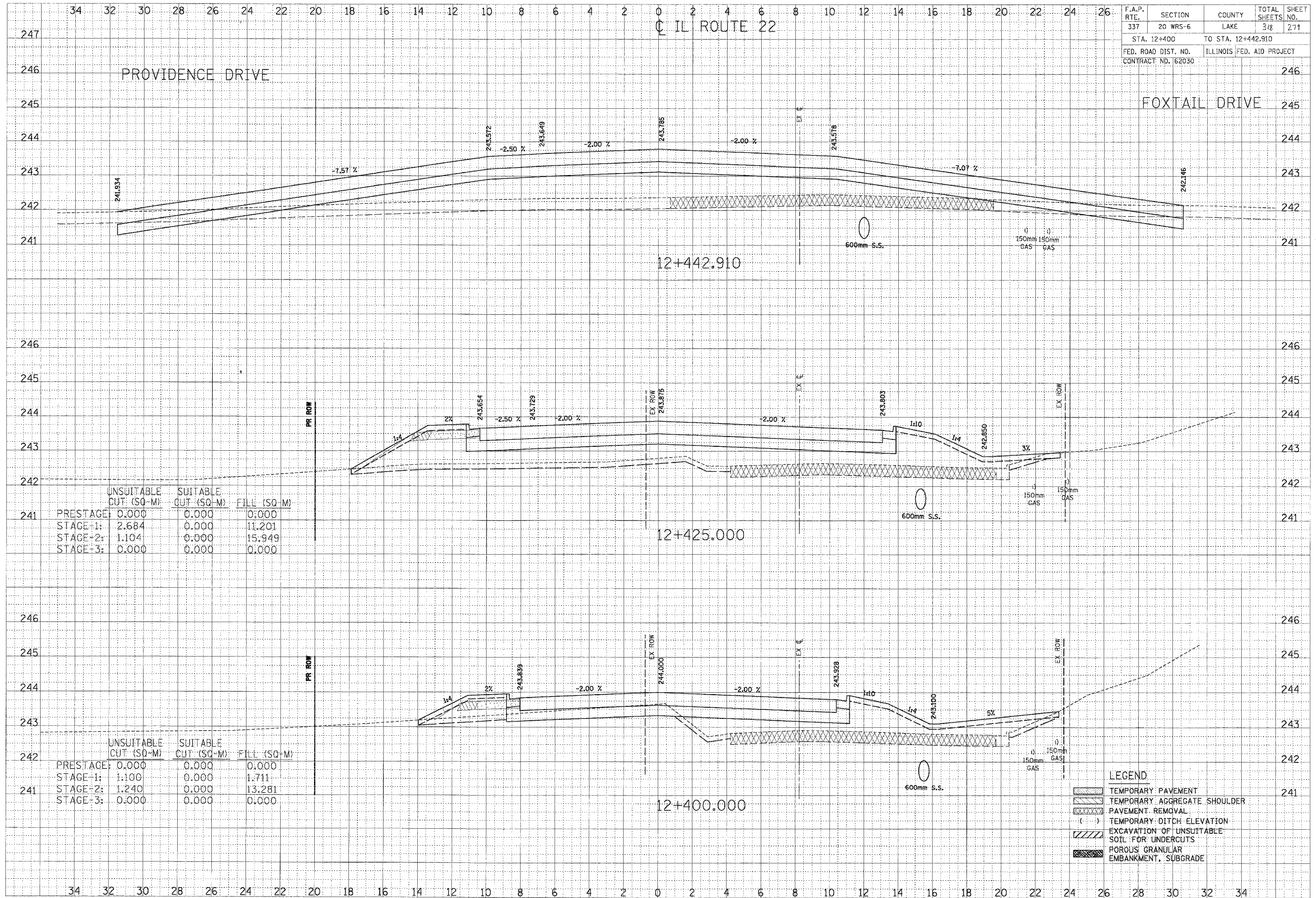


	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE-1:	10.951	0.000	0.000
STAGE-2:	1.334	0.000	11.039
STAGE-3:	0.000	0.000	0.000

- LEGEND
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	271
STA. 12+400		TO STA. 12+442.910		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

DATE	BY
DATE	BY
DATE	BY

ORIGINAL SURVEY  
 CHECKED  
 PLOTTED  
 DATE  
 BY  
 NO.

DATE	BY
DATE	BY
DATE	BY

ORIGINAL SURVEY  
 CHECKED  
 PLOTTED  
 DATE  
 BY  
 NO.

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
241 PRESTAGE:	0.000	0.000	0.000
STAGE-1:	2.684	0.000	11.201
STAGE-2:	1.104	0.000	15.949
STAGE-3:	0.000	0.000	0.000

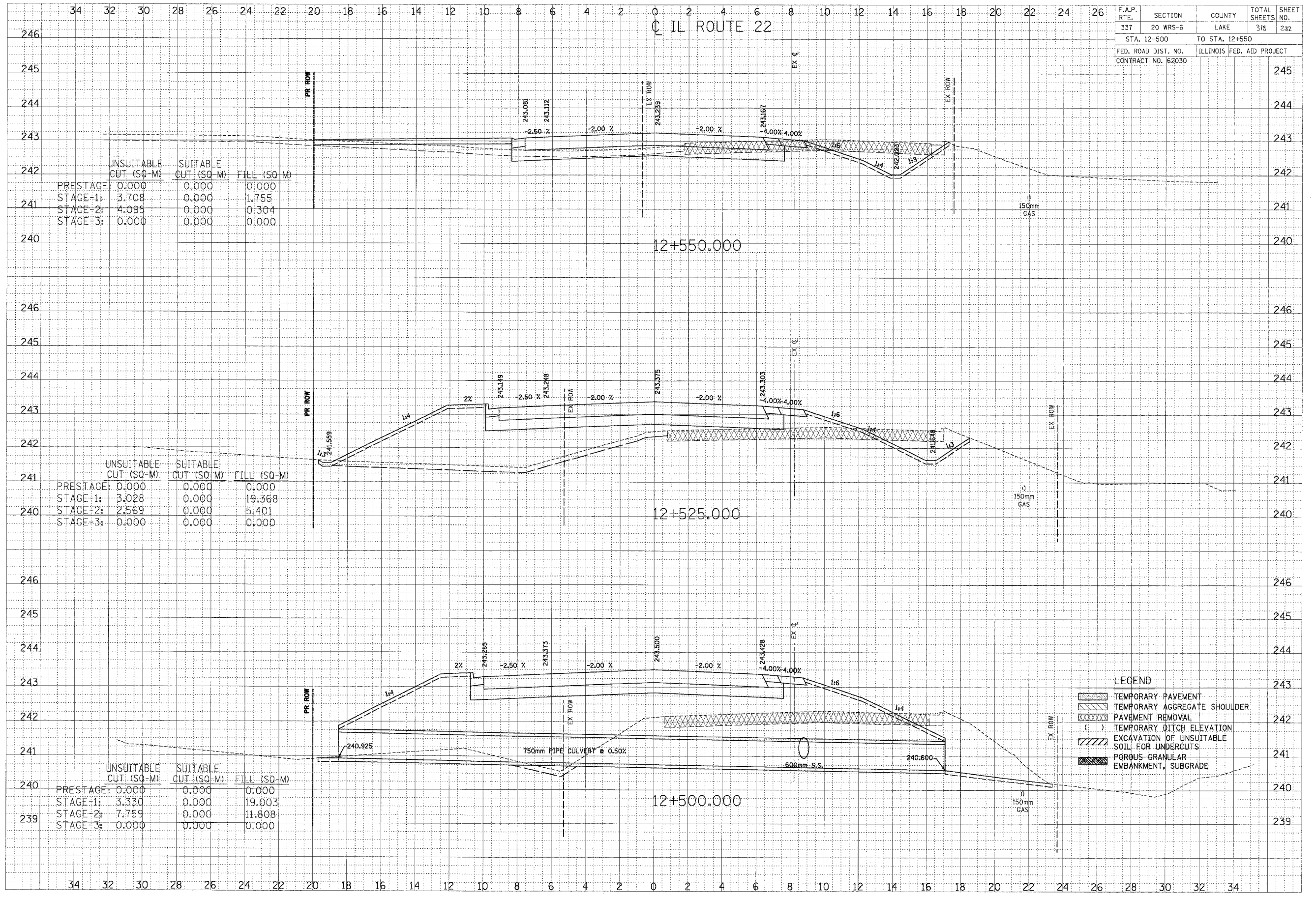
	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
242 PRESTAGE:	0.000	0.000	0.000
STAGE-1:	1.100	0.000	1.711
STAGE-2:	1.240	0.000	13.281
STAGE-3:	0.000	0.000	0.000

- LEGEND**
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE









F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	2/2
STA. 12+500		TO STA. 12+550		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE-1:	3.708	0.000	1.755
STAGE-2:	4.095	0.000	0.304
STAGE-3:	0.000	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE-1:	3.028	0.000	19.368
STAGE-2:	2.569	0.000	5.401
STAGE-3:	0.000	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE-1:	3.330	0.000	19.003
STAGE-2:	7.759	0.000	11.808
STAGE-3:	0.000	0.000	0.000

- LEGEND**
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE

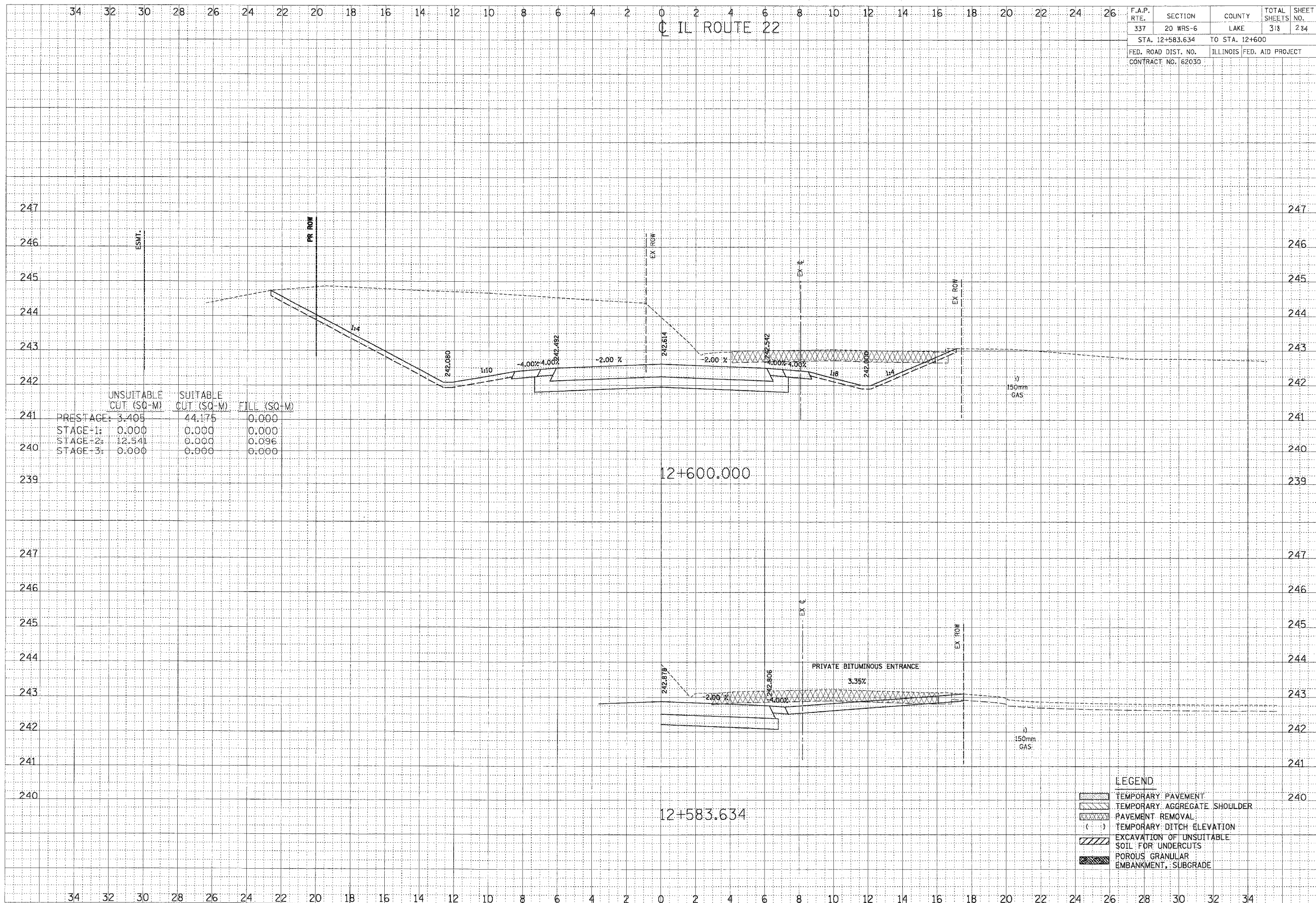
FINAL SURVEY NOTE BOOK NO. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 REVISIONS PLOTTED TEMPLATE AREAS CHECKED

ORIGINAL SURVEY NOTE BOOK NO. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 BY \_\_\_\_\_  
 REVISIONS PLOTTED TEMPLATE AREAS CHECKED









F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	234
STA. 12+583.634		TO STA. 12+600		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 162030				

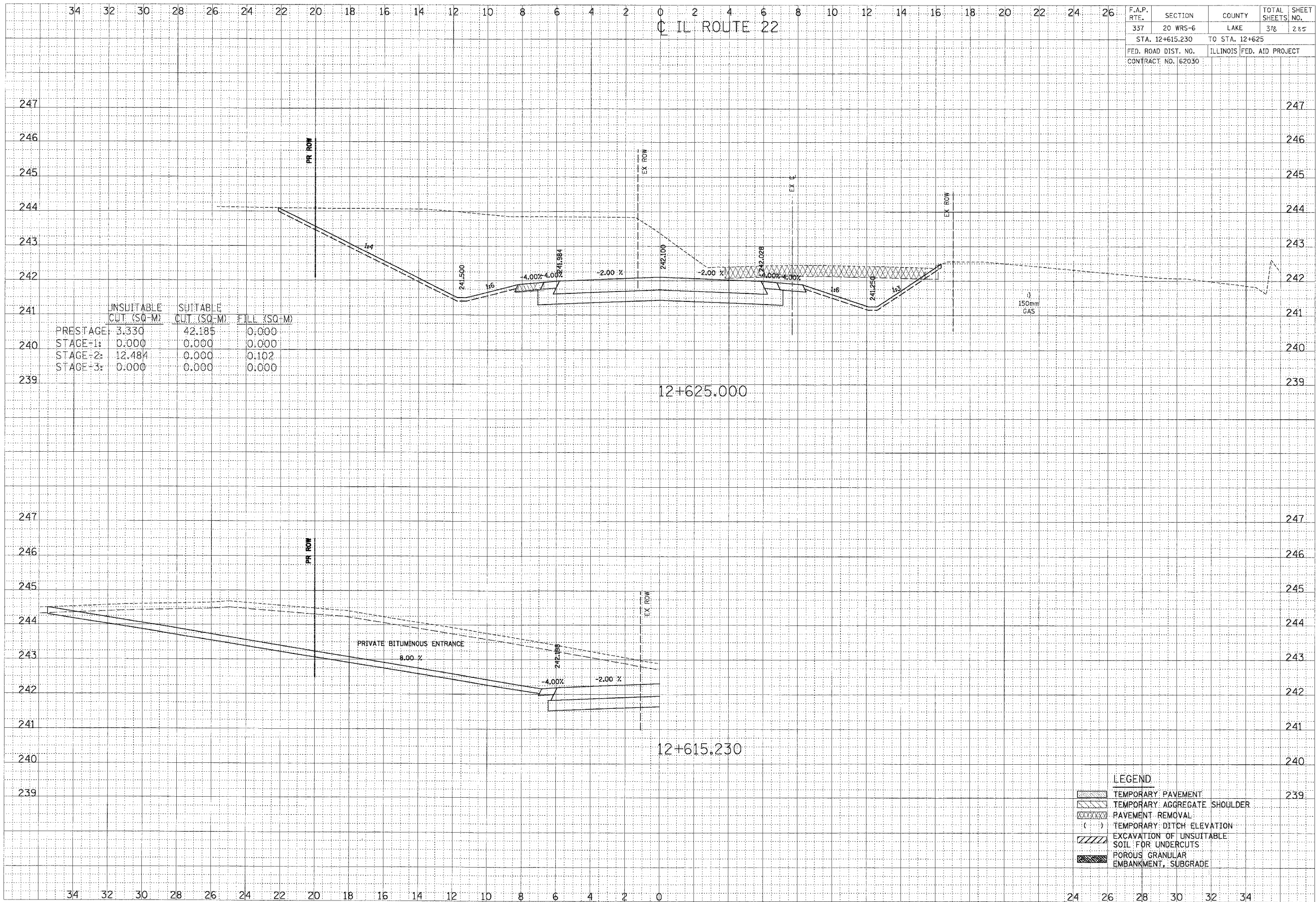
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NOTE BOOK	PLOTTED		
	TEMPERATURE		
	AREAS CHECKED		

ORIGINAL SURVEY	SUPERSEDED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPERATURE		
	AREAS CHECKED		

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
241	PRESTAGE: 3.405	44.175	0.000
240	STAGE-1: 0.000	0.000	0.000
239	STAGE-2: 12.541	0.000	0.096
240	STAGE-3: 0.000	0.000	0.000

**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	378	285
STA. 12+615.230		TO STA. 12+625		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62030				

FINISHED SURVEY SURVEY NO. _____ DATE _____ BY _____ CHECKED _____ APPROVED _____	DATE _____ BY _____ CHECKED _____ APPROVED _____
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ORIGINAL SURVEY SURVEY NO. _____ DATE _____ BY _____ CHECKED _____ APPROVED _____	DATE _____ BY _____ CHECKED _____ APPROVED _____
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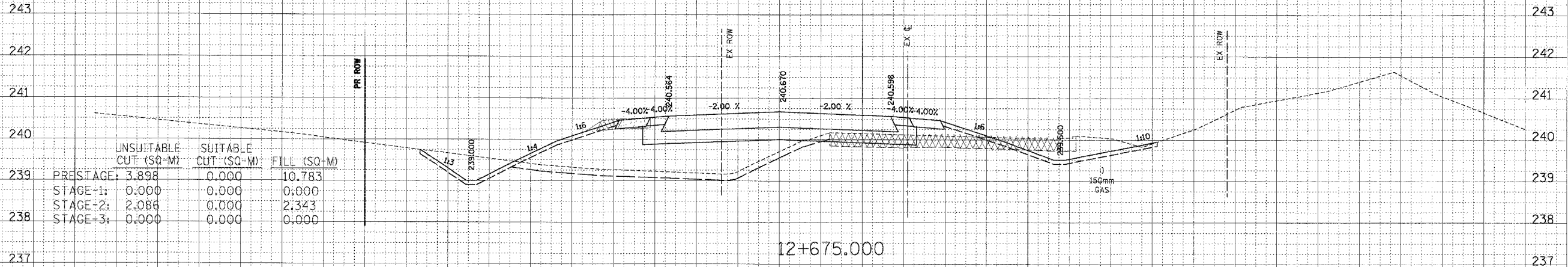
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IL ROUTE 22

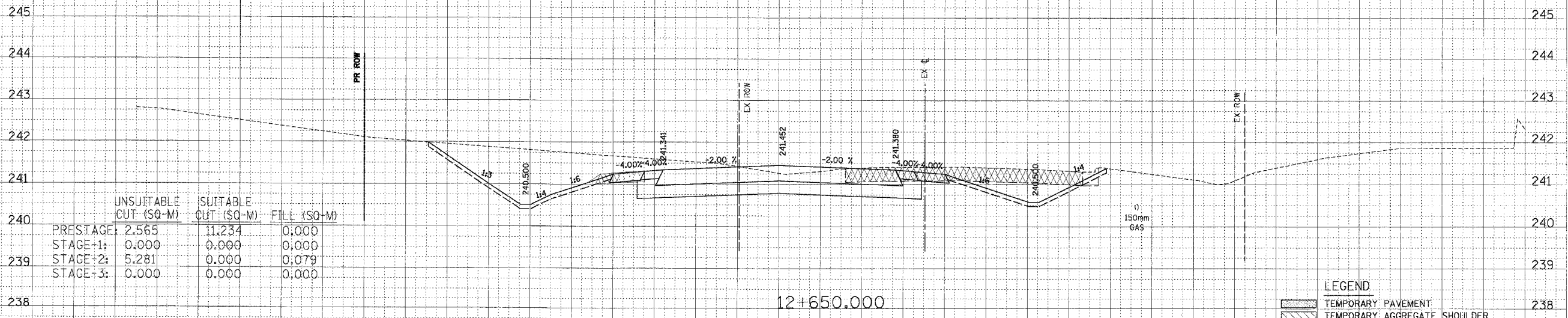
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
337	20 WRS-6	LAKE	318 236
STA. 12+650		TO STA. 12+675	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	
CONTRACT NO. 62030			

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	3.898	0.000	10.783
STAGE-1:	0.000	0.000	0.000
STAGE-2:	2.086	0.000	2.343
STAGE-3:	0.000	0.000	0.000



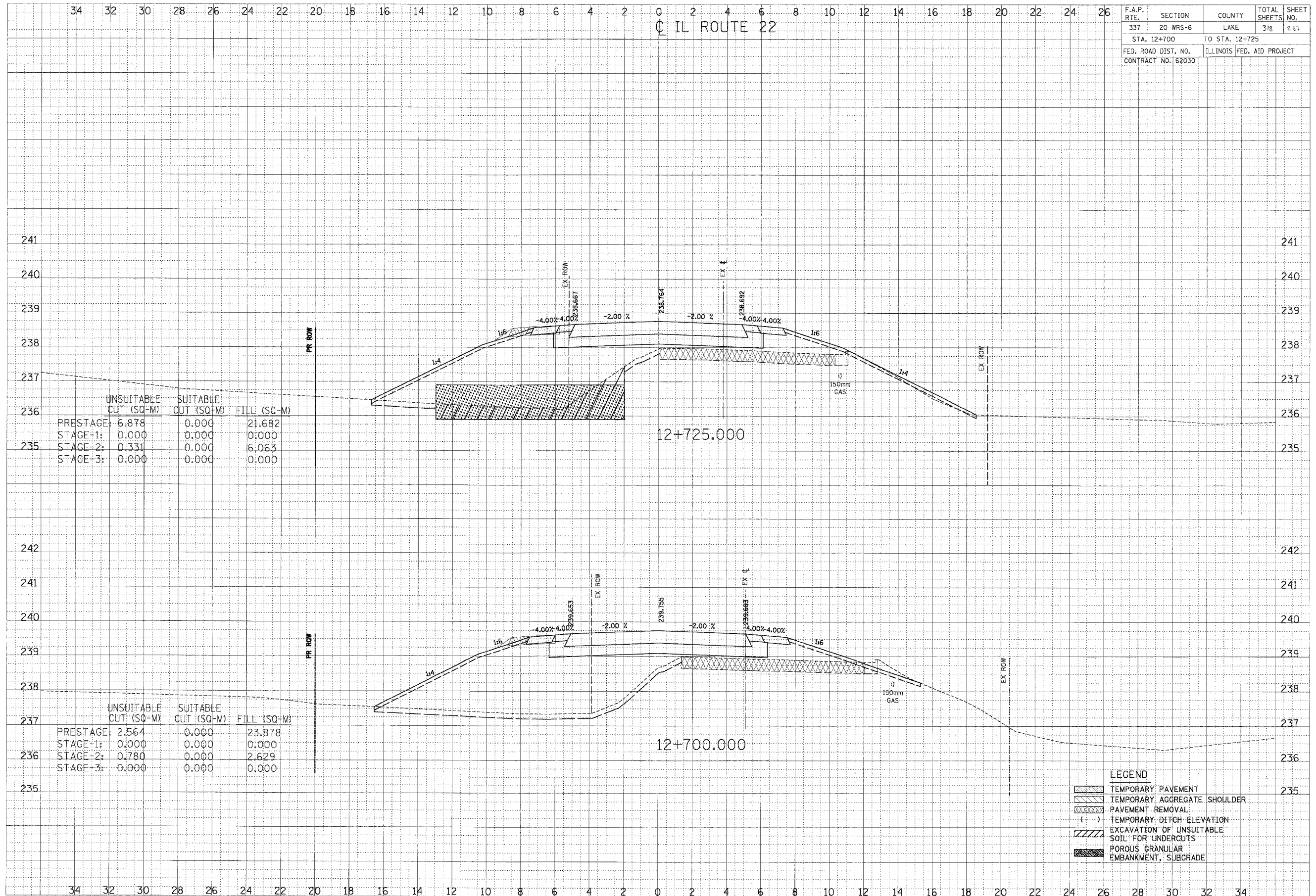
	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	2.565	11.234	0.000
STAGE-1:	0.000	0.000	0.000
STAGE-2:	5.281	0.000	0.079
STAGE-3:	0.000	0.000	0.000

LEGEND

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	287
STA. 12+700		TO STA. 12+725		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	DATE
NO. 101	
BY	
REVISIONS	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

ORIGINAL SURVEY	DATE
NO. 101	
BY	
REVISIONS	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	

**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE



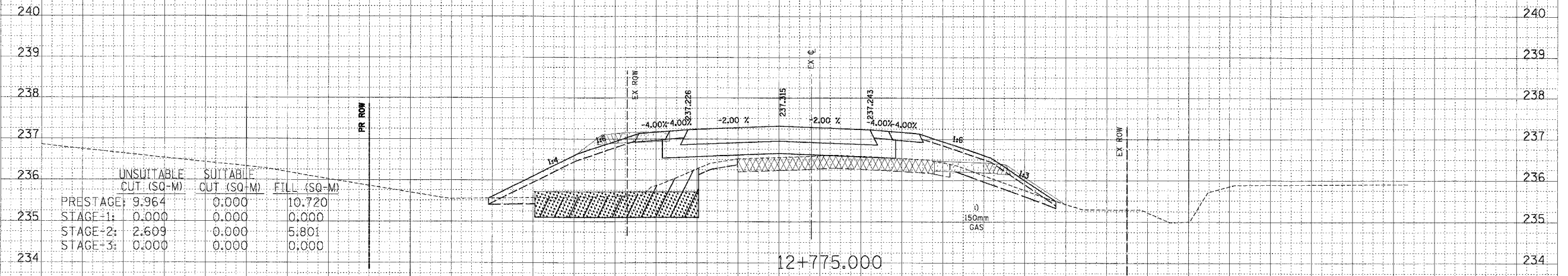
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IL ROUTE 22

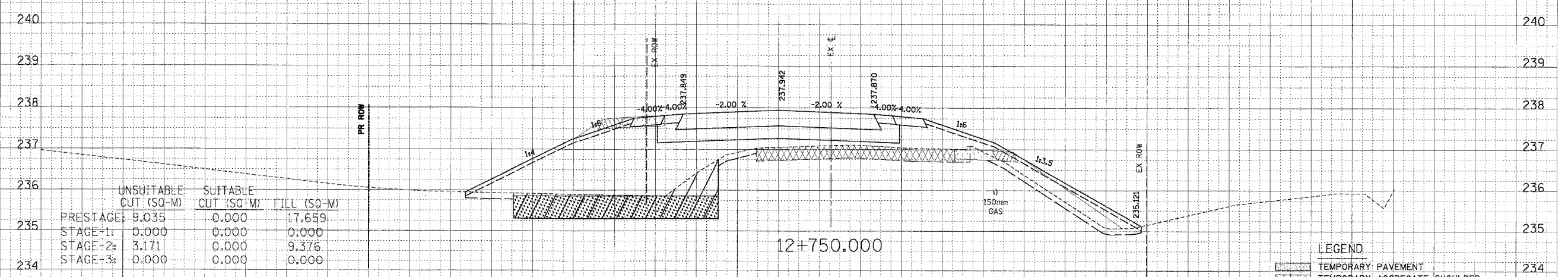
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	238
STA. 12+750		TO STA. 12+775		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62030				

FINAL SURVEY	DATE
BY	
REVISIONS	
NO.	DESCRIPTION

ORIGINAL SURVEY	DATE
BY	
REVISIONS	
NO.	DESCRIPTION



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	9.964	0.000	10.720
STAGE-1:	0.000	0.000	0.000
STAGE-2:	2.609	0.000	5.801
STAGE-3:	0.000	0.000	0.000



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	9.035	0.000	17.659
STAGE-1:	0.000	0.000	0.000
STAGE-2:	3.171	0.000	9.376
STAGE-3:	0.000	0.000	0.000

LEGEND

	TEMPORARY PAVEMENT
	TEMPORARY AGGREGATE SHOULDER
	PAVEMENT REMOVAL
	TEMPORARY DITCH ELEVATION
	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
	POROUS GRANULAR EMBANKMENT, SUBGRADE

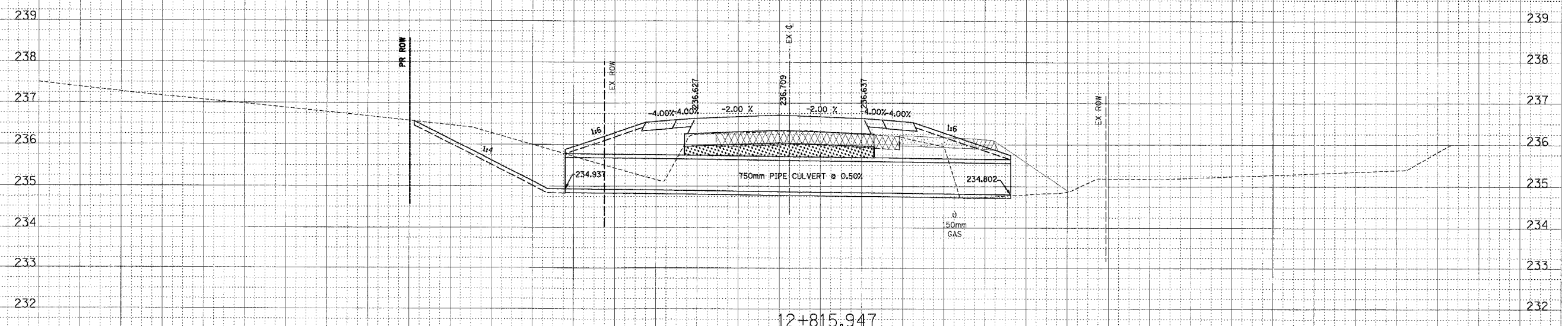
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34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26

IL ROUTE 22

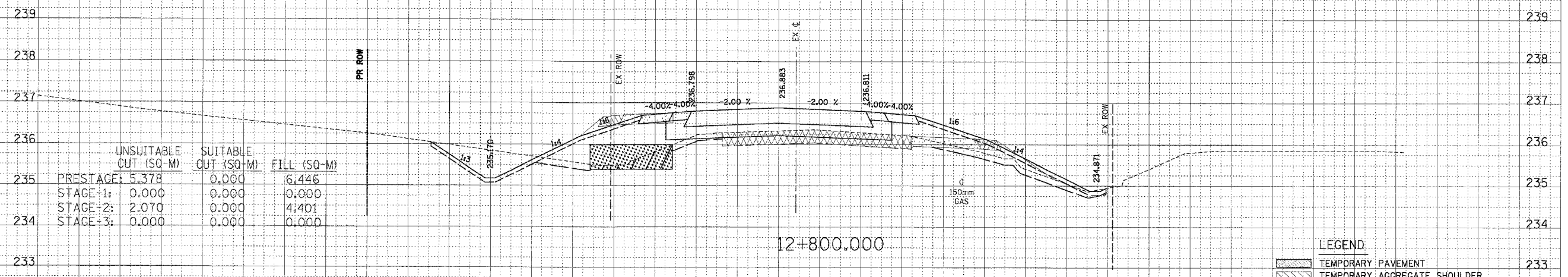
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	261
STA. 12+800		TO STA. 12+815.947		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	BY	DATE
NO. _____	_____	_____
NO. _____	_____	_____
NO. _____	_____	_____
NO. _____	_____	_____



12+815.947

ORIGINAL SURVEY	BY	DATE
NO. _____	_____	_____
NO. _____	_____	_____
NO. _____	_____	_____
NO. _____	_____	_____



12+800.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	5.378	0.000	6.446
STAGE-1:	0.000	0.000	0.000
STAGE-2:	2.070	0.000	4.401
STAGE-3:	0.000	0.000	0.000

LEGEND

	TEMPORARY PAVEMENT
	TEMPORARY AGGREGATE SHOULDER
	PAVEMENT REMOVAL
	TEMPORARY DITCH ELEVATION
	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
	POROUS GRANULAR EMBANKMENT, SUBGRADE

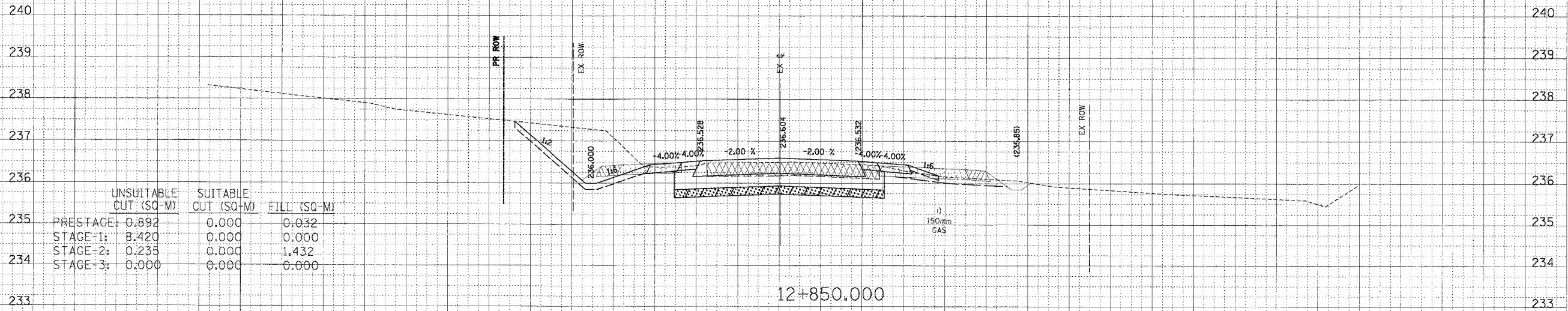
34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26

IL ROUTE 22

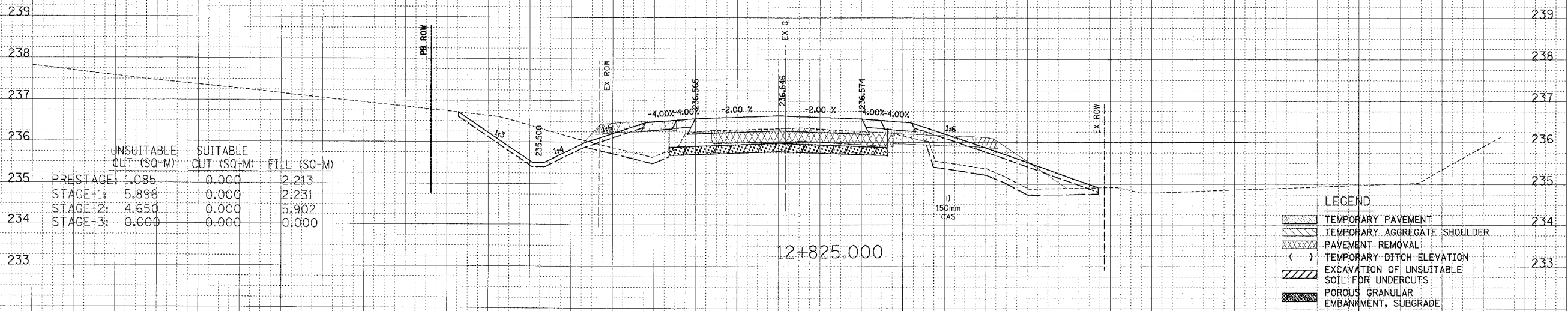
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	290
STA. 12+825		TO STA. 12+850		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62030				

FINAL SURVEY	BY	DATE
REVISED SURVEY		
NOTE BOOK		
TEMPLATE		
AREAS		
CHECKED		
NO.		



	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	0.892	0.000	0.032
STAGE-1:	8.420	0.000	0.000
STAGE-2:	0.235	0.000	1.432
STAGE-3:	0.000	0.000	0.000

ORIGINAL SURVEY	BY	DATE
REVISED SURVEY		
NOTE BOOK		
TEMPLATE		
AREAS		
CHECKED		
NO.		



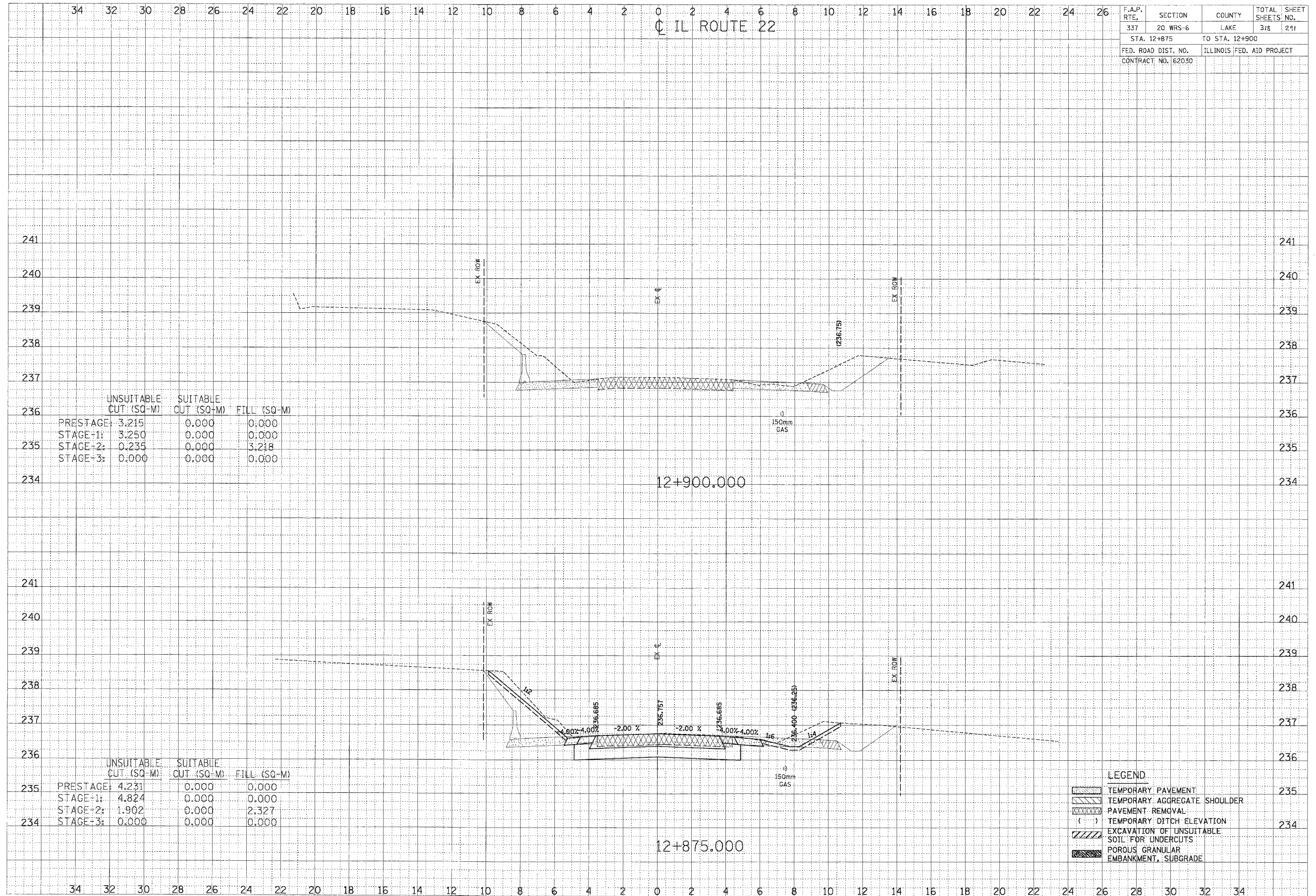
	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE	1.085	0.000	2.213
STAGE-1:	5.896	0.000	2.231
STAGE-2:	4.650	0.000	5.902
STAGE-3:	0.000	0.000	0.000

LEGEND

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	2/1
STA. 12+875		TO STA. 12+900		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		
NO.		

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
236 PRESTAGE	3.215	0.000	0.000
235 STAGE+1	3.250	0.000	0.000
234 STAGE+2	0.235	0.000	3.218
233 STAGE+3	0.000	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
236 PRESTAGE	4.231	0.000	0.000
235 STAGE+1	4.824	0.000	0.000
234 STAGE+2	1.902	0.000	2.327
233 STAGE+3	0.000	0.000	0.000

**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE



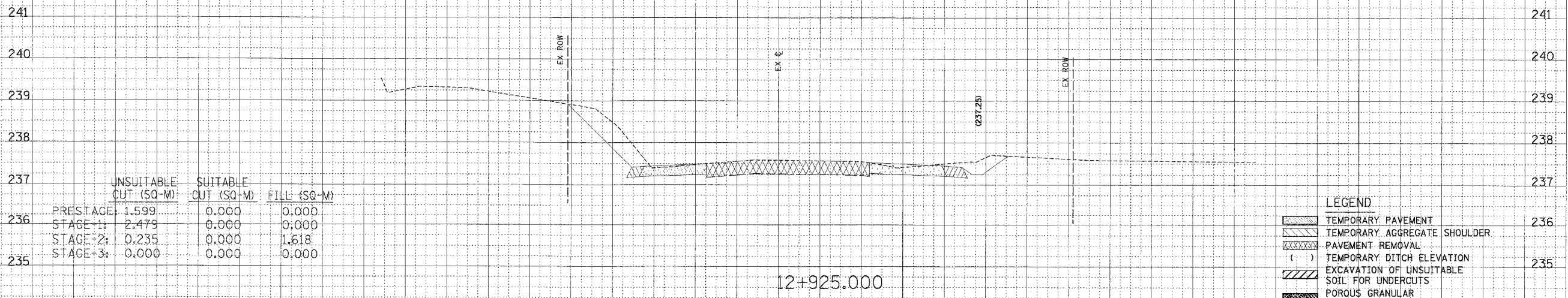
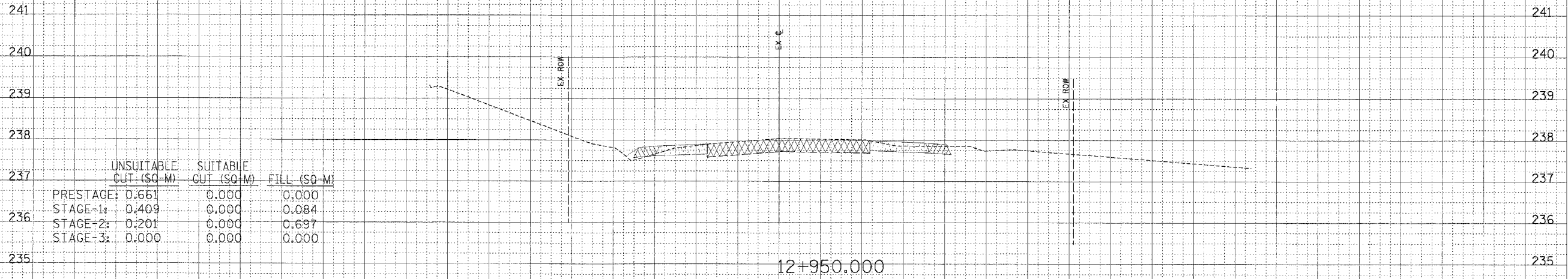
34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26

IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	292
STA. 12+925		TO STA. 12+950		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	DATE
NOTE BOOK	NO.
AREAS CHECKED	

ORIGINAL SURVEY	DATE
NOTE BOOK	NO.
AREAS CHECKED	



**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34



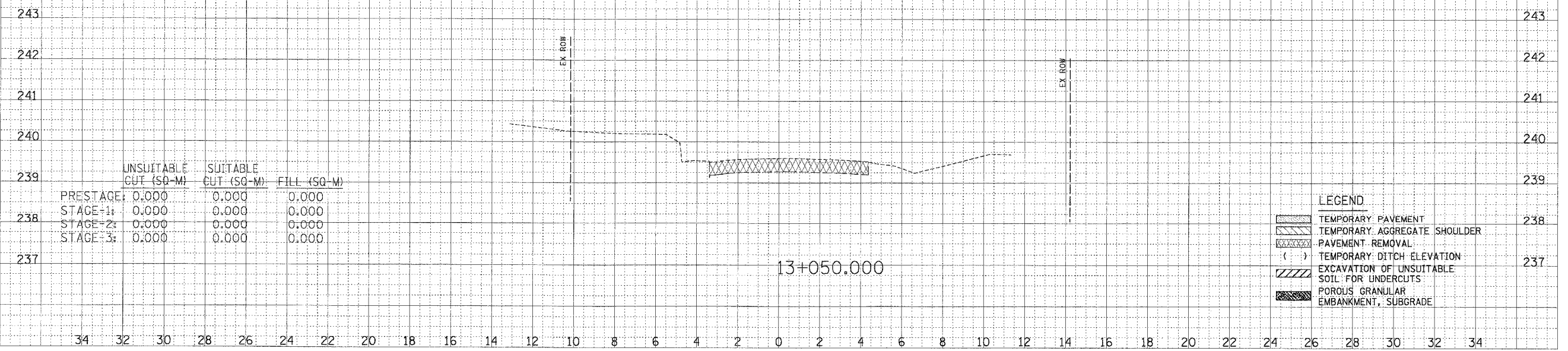
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IL ROUTE 22

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	294
STA. 13+050		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		
NO.		



LEGEND

[Hatched Box]	TEMPORARY PAVEMENT
[Hatched Box]	TEMPORARY AGGREGATE SHOULDER
[Hatched Box]	PAVEMENT REMOVAL
( )	TEMPORARY DITCH ELEVATION
[Hatched Box]	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
[Hatched Box]	POROUS GRANULAR EMBANKMENT, SUBGRADE









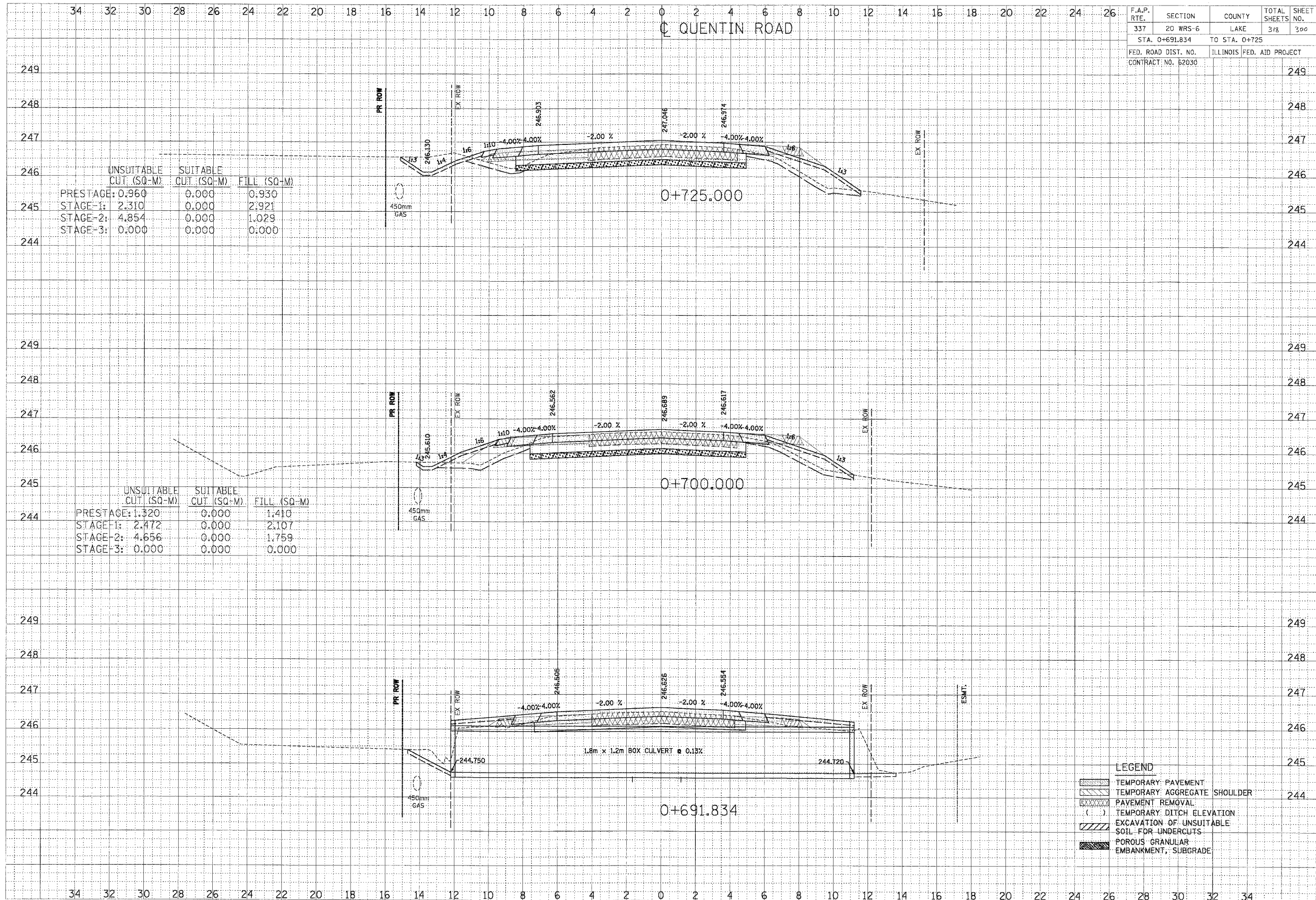












F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	300
STA. 0+691.834		TO STA. 0+725		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

DATE	BY
DATE	BY
DATE	BY

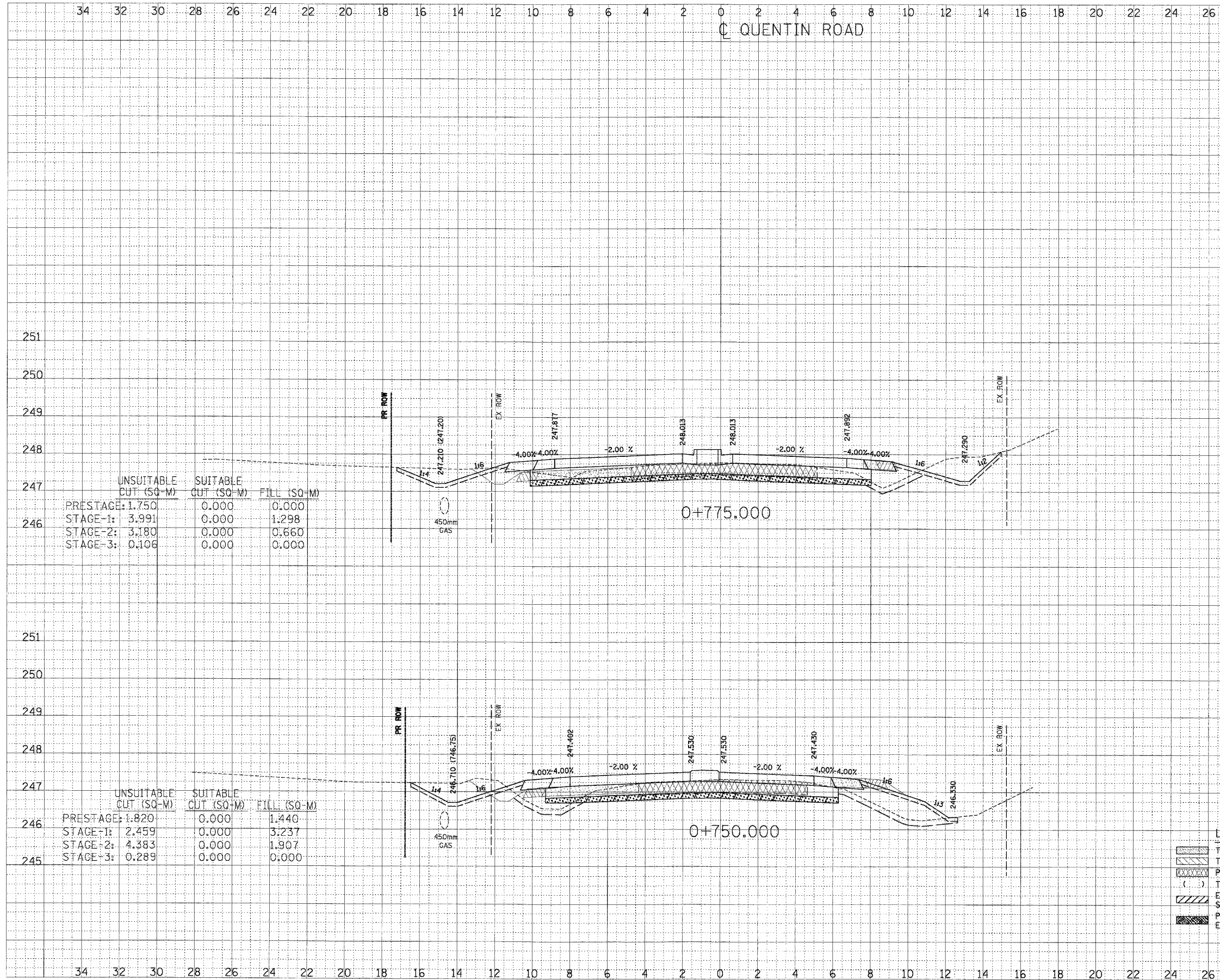
	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.960	0.000	0.930
STAGE-1:	2.310	0.000	2.921
STAGE-2:	4.854	0.000	1.029
STAGE-3:	0.000	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	1.320	0.000	1.410
STAGE-1:	2.472	0.000	2.107
STAGE-2:	4.656	0.000	1.759
STAGE-3:	0.000	0.000	0.000

DATE	BY
DATE	BY
DATE	BY

**LEGEND**

- TEMPORARY: PAVEMENT
- TEMPORARY: AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY: DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	301
STA. 0+750		TO STA. 0+775		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		

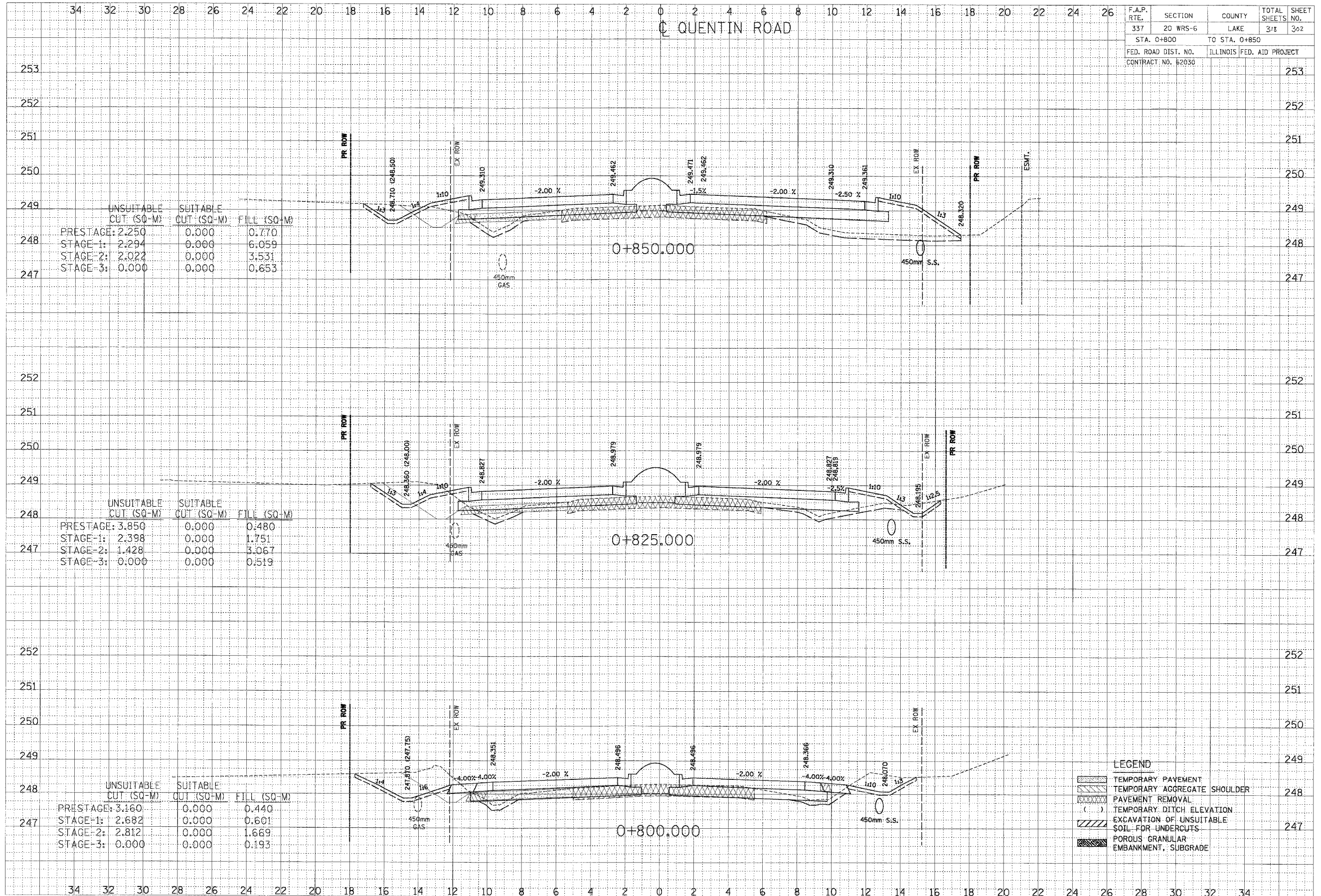
ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
AREAS CHECKED		

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	1.750	0.000	0.000
STAGE-1:	3.991	0.000	1.298
STAGE-2:	3.180	0.000	0.660
STAGE-3:	0.106	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	1.820	0.000	1.440
STAGE-1:	2.459	0.000	3.237
STAGE-2:	4.383	0.000	1.907
STAGE-3:	0.289	0.000	0.000

**LEGEND**

- TEMPORARY: PAVEMENT
- TEMPORARY: AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY: DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	302
STA. 0+800		TO STA. 0+850		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

DATE	BY
DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY
DATE	BY

**LEGEND**

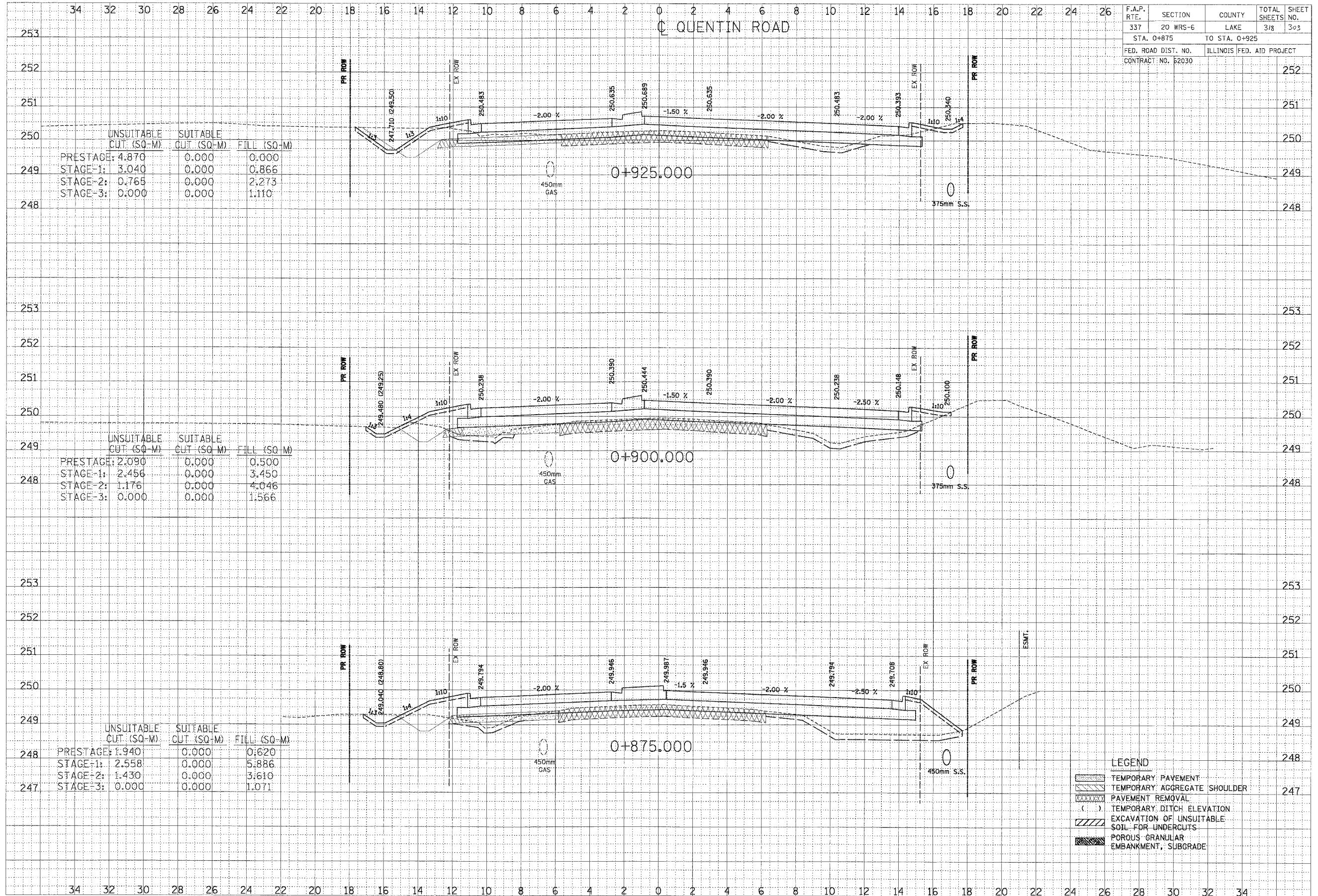
- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE: 2.250	0.000	0.000	0.770
STAGE-1: 2.294	0.000	0.000	6.059
STAGE-2: 2.022	0.000	0.000	3.531
STAGE-3: 0.000	0.000	0.000	0.653

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE: 3.850	0.000	0.000	0.480
STAGE-1: 2.398	0.000	0.000	1.751
STAGE-2: 1.428	0.000	0.000	3.067
STAGE-3: 0.000	0.000	0.000	0.519

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE: 3.160	0.000	0.000	0.440
STAGE-1: 2.682	0.000	0.000	0.601
STAGE-2: 2.812	0.000	0.000	1.669
STAGE-3: 0.000	0.000	0.000	0.193





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	303
STA. 0+875		TO STA. 0+925		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

DATE	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	4.870	0.000	0.000
STAGE-1:	3.040	0.000	0.866
STAGE-2:	0.765	0.000	2.273
STAGE-3:	0.000	0.000	1.110

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	2.090	0.000	0.500
STAGE-1:	2.456	0.000	3.450
STAGE-2:	1.176	0.000	4.046
STAGE-3:	0.000	0.000	1.566

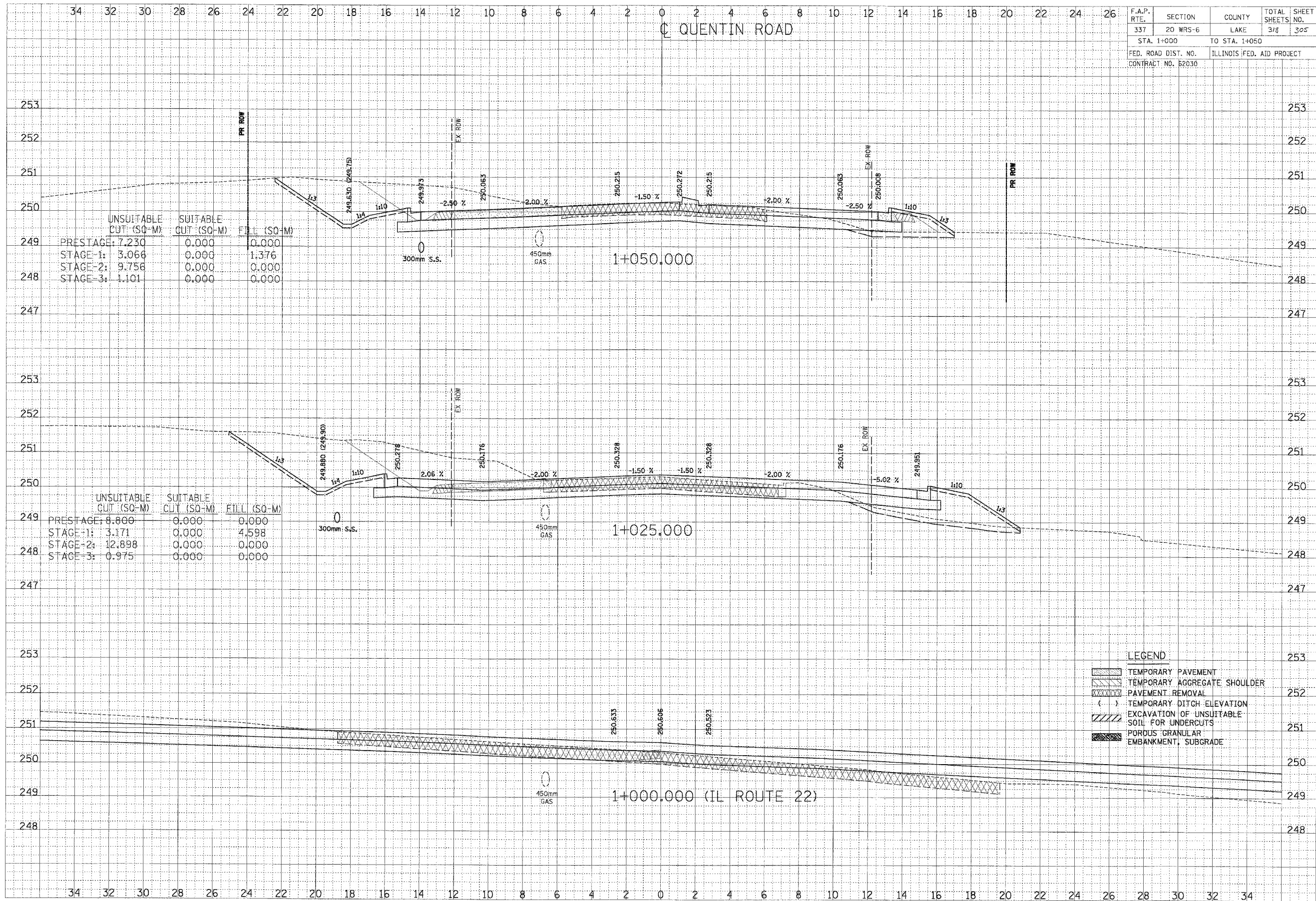
	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	1.940	0.000	0.620
STAGE-1:	2.558	0.000	5.886
STAGE-2:	1.430	0.000	3.610
STAGE-3:	0.000	0.000	1.071

**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE







F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	305
STA. 1+000		TO STA. 1+050		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

DATE	BY
DATE	BY
DATE	BY
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DATE	BY

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DATE	BY
DATE	BY

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	7.230	0.000	0.000
STAGE-1:	3.066	0.000	1.376
STAGE-2:	9.756	0.000	0.000
STAGE-3:	1.101	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	8.800	0.000	0.000
STAGE-1:	3.171	0.000	4.598
STAGE-2:	12.898	0.000	0.000
STAGE-3:	0.975	0.000	0.000

**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE





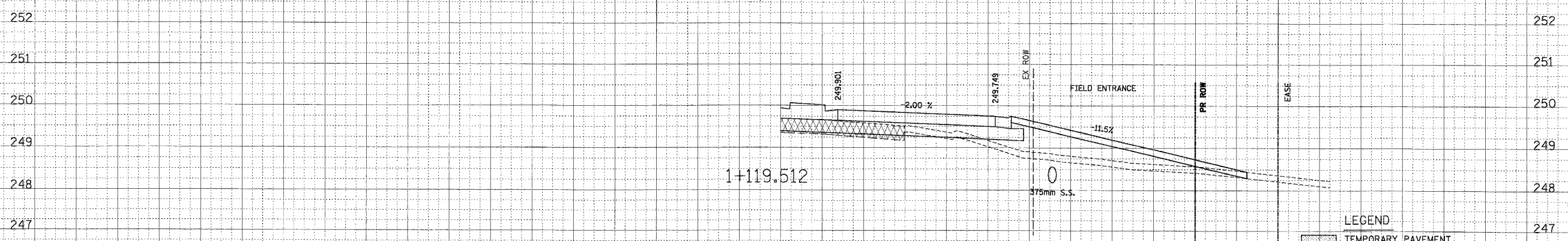
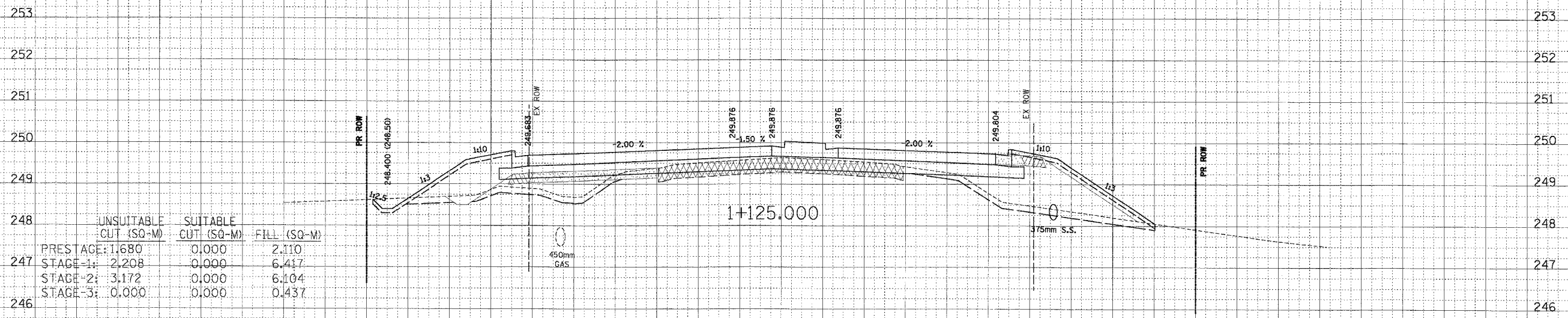
34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26

QUENTIN ROAD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	307
STA. 1+119.512		TO STA. 1+125		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
AWMAG		
AREAS CHECKED		
NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
AWMAG		
AREAS CHECKED		
NO.		



LEGEND:

- TEMPORARY PAVEMENT.
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY "DITCH" ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34





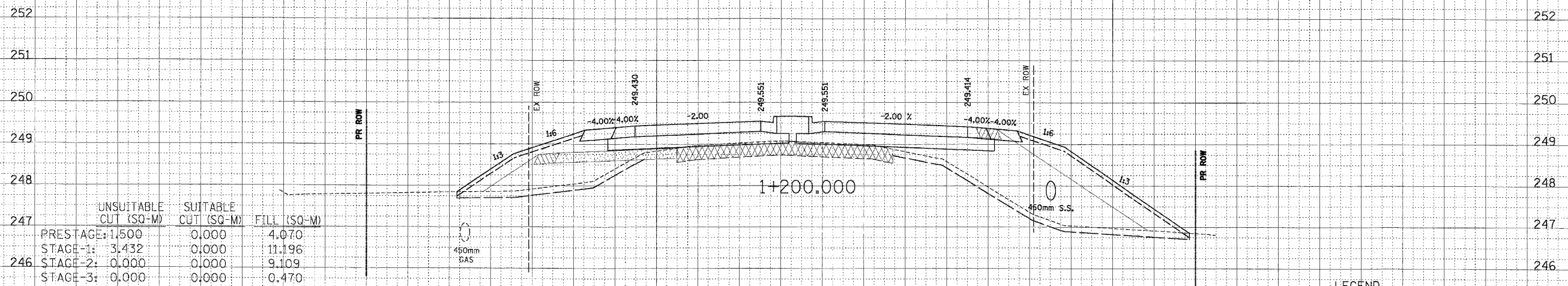
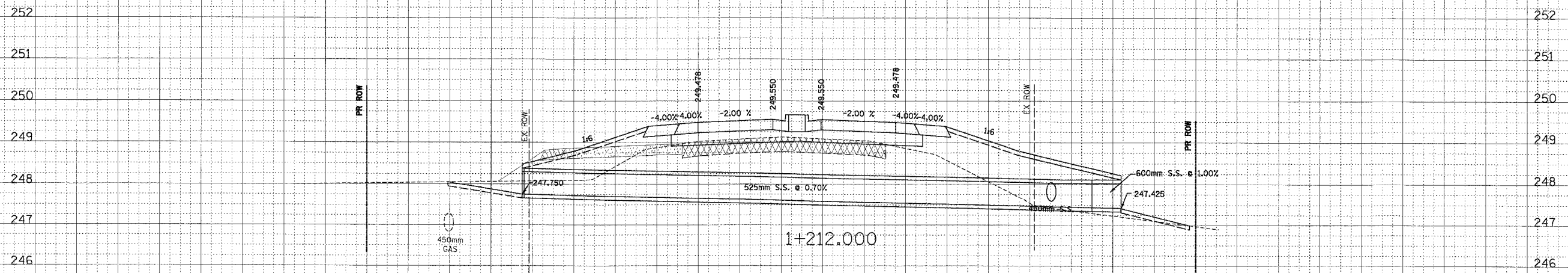
34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26

QUENTIN ROAD

F.A.P. RTE. 337	SECTION 20 WRS-6	COUNTY LAKE	TOTAL SHEETS 3/8	SHEET NO. 309
STA. 1+200		TO STA. 1+212		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

FINAL SURVEY	DATE
BY	
REVISIONS	
NO. DATE	
BY	
REVISIONS	
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BY	
REVISIONS	
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REVISIONS	
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ORIGINAL SURVEY	DATE
BY	
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REVISIONS	
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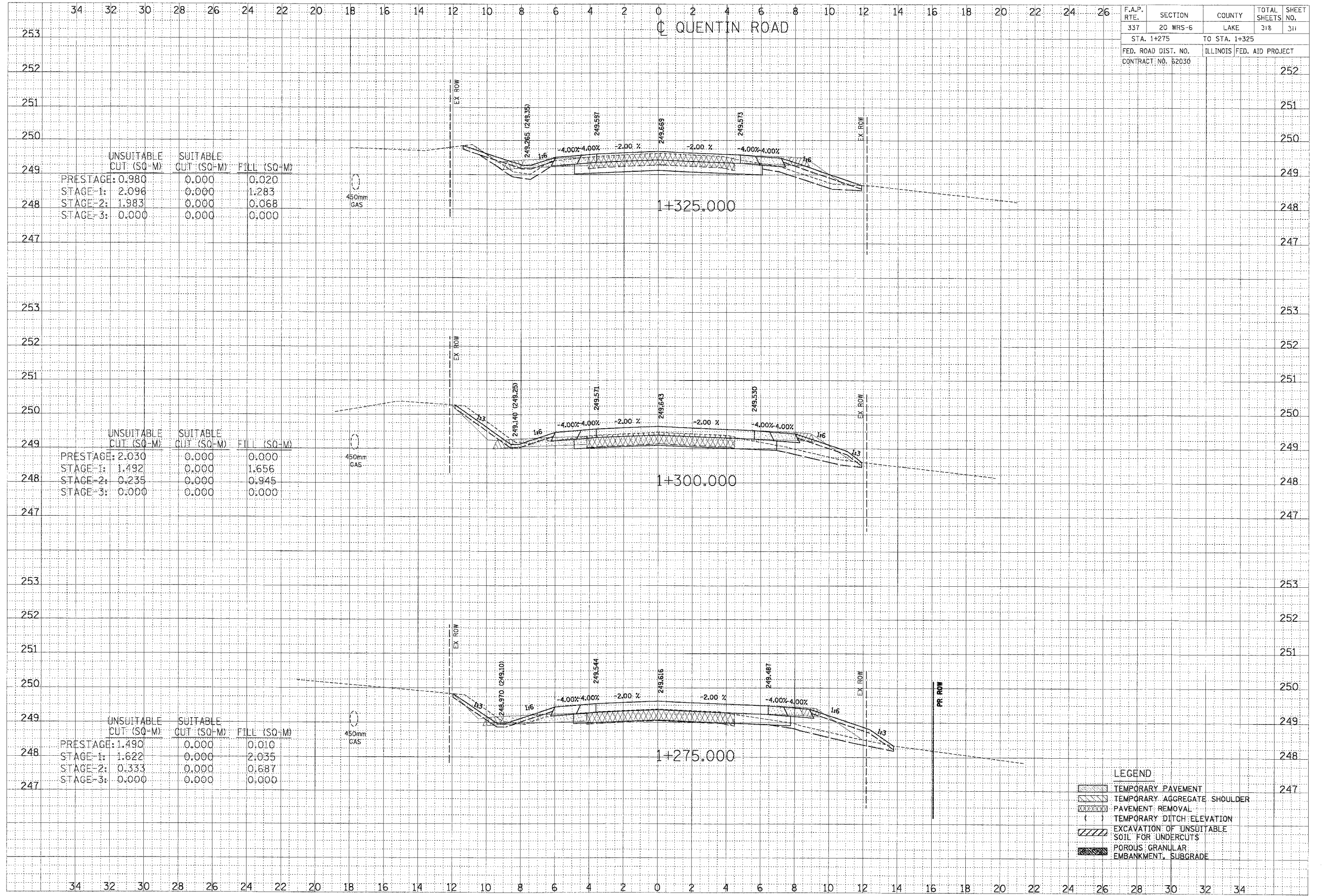
	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	1.500	0.000	4.070
STAGE-1:	3.432	0.000	11.196
STAGE-2:	0.000	0.000	9.109
STAGE-3:	0.000	0.000	0.470

- LEGEND:
- TEMPORARY PAVEMENT
  - TEMPORARY AGGREGATE SHOULDER
  - PAVEMENT REMOVAL
  - TEMPORARY DITCH ELEVATION
  - EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
  - POROUS GRANULAR EMBANKMENT, SUBGRADE

34 32 30 28 26 24 22 20 18 16 14 12 10 8 6 4 2 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34







F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	318	311
STA. 1+275		TO STA. 1+325		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62030				

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	

DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	
DATE	
BY	
REVISIONS	
NO.	
DESCRIPTION	

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.980	0.000	0.020
STAGE-1:	2.096	0.000	1.283
STAGE-2:	1.983	0.000	0.068
STAGE-3:	0.000	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	2.030	0.000	0.000
STAGE-1:	1.492	0.000	1.656
STAGE-2:	0.235	0.000	0.945
STAGE-3:	0.000	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	1.490	0.000	0.010
STAGE-1:	1.622	0.000	2.035
STAGE-2:	0.333	0.000	0.687
STAGE-3:	0.000	0.000	0.000

**LEGEND**

- TEMPORARY PAVEMENT
- TEMPORARY AGGREGATE SHOULDER
- PAVEMENT REMOVAL
- TEMPORARY DITCH ELEVATION
- EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS
- POROUS GRANULAR EMBANKMENT, SUBGRADE









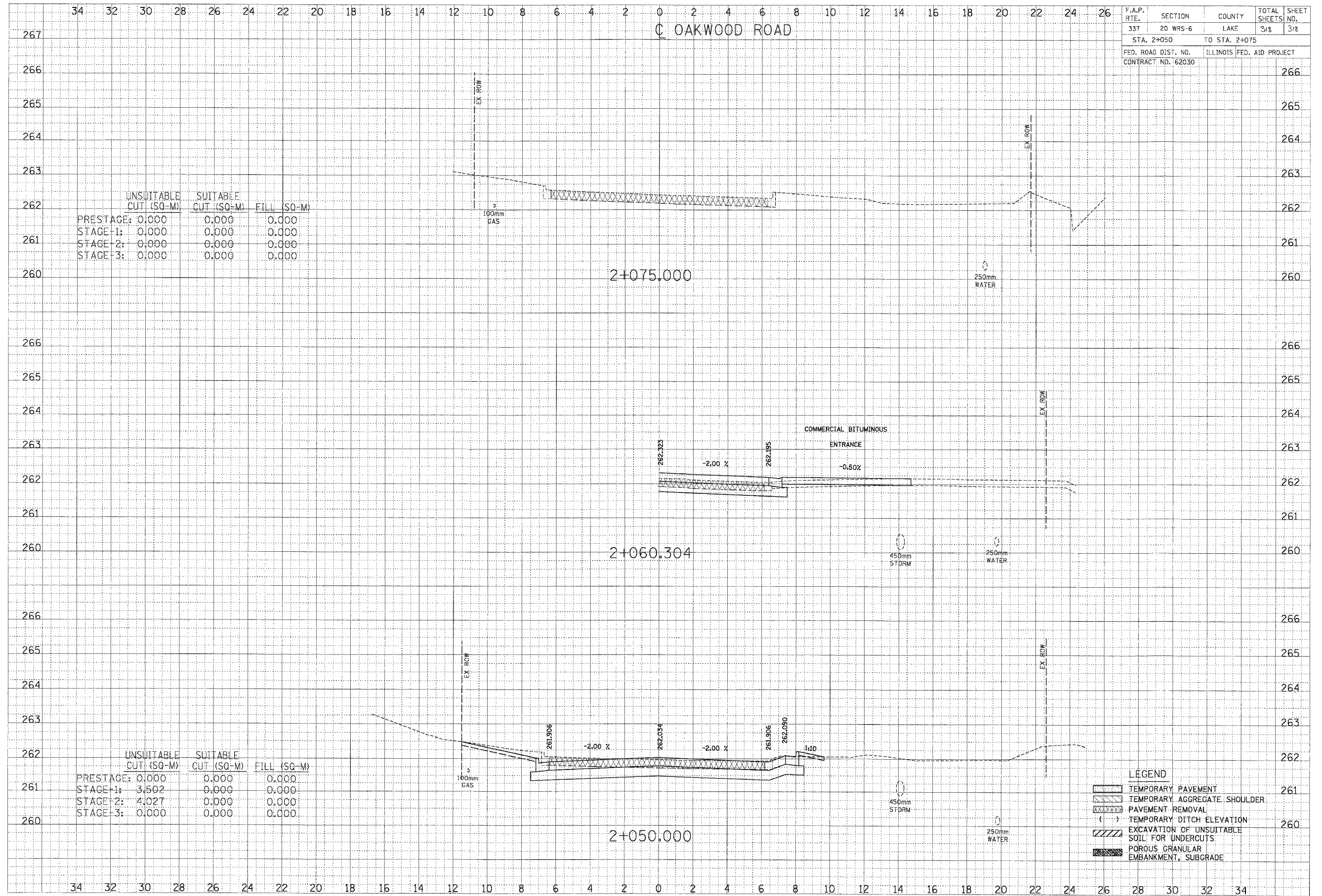












F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
337	20 WRS-6	LAKE	3/8	3/8
STA. 2+050		TO STA. 2+075		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62030				

BY	DATE
FINN	
SURVEY	
NOTE BOOK	
AREAS	
AREAS CHECKED	

BY	DATE
FINN	
SURVEY	
NOTE BOOK	
AREAS	
AREAS CHECKED	

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE-1:	0.000	0.000	0.000
STAGE-2:	0.000	0.000	0.000
STAGE-3:	0.000	0.000	0.000

	UNSUITABLE CUT (SQ-M)	SUITABLE CUT (SQ-M)	FILL (SQ-M)
PRESTAGE:	0.000	0.000	0.000
STAGE-1:	3.502	0.000	0.000
STAGE-2:	4.027	0.000	0.000
STAGE-3:	0.000	0.000	0.000

**LEGEND**

	TEMPORARY PAVEMENT	261
	TEMPORARY AGGREGATE SHOULDER	
	PAVEMENT REMOVAL	
	TEMPORARY DITCH ELEVATION	
	EXCAVATION OF UNSUITABLE SOIL FOR UNDERCUTS	260
	POROUS GRANULAR EMBANKMENT, SUBGRADE	