

F.A.I. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	18
STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

IDOT LEGEND

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| <ul style="list-style-type: none"> ① EXISTING GROUND LINE ② EXISTING PAVEMENT ③ PAVEMENT REMOVAL (SEE NOTE 8) ④ PAVEMENT BREAKING ⑤ EXISTING SHOULDER ⑥ PAVED SHOULDER REMOVAL (SEE NOTE 9) ⑦ GUTTER REMOVAL ⑧ EXISTING GUARDRAIL ⑨ GUARDRAIL REMOVAL ⑩ EXISTING CONCRETE BARRIER ⑪ EXISTING TEMPORARY CONCRETE BARRIER WALL ⑫ REMOVE TEMPORARY CONCRETE BARRIER ⑬ EXISTING DITCH/SWALE ⑭ SLOTTED DRAIN REMOVAL ⑮ EXISTING FENCE ⑯ FENCE REMOVAL ⑰ PROP. CONCRETE GUTTER, TYPE A (MODIFIED) ⑱ PROP. CONTINUOUSLY REINFORCED PCC PAVEMENT 360MM (SEE NOTES 10 & 11) ⑲ PROP. STABILIZED SUB-BASE 150MM (SEE NOTE 11) ⑳ PROP. SUB-BASE GRANULAR MATERIAL, TYPE B 300MM (SEE NOTES 4 & 11) ㉑ PROP. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (SEE NOTE 7) ㉒ PROP. PORTLAND CEMENT CONCRETE SHOULDERS - 360MM (SEE NOTE 11) ㉓ PROP. PORTLAND CEMENT CONCRETE PAVEMENT 280MM (JOINTED) ㉔ PROP. STABILIZED SUB-BASE 100MM (SEE NOTES 13) ㉕ PROP. AGGREGATE SUBGRADE 300MM | <ul style="list-style-type: none"> ㉖ PROP. PORTLAND CEMENT CONCRETE SHOULDERS - 280MM ㉗ PROP. AGGREGATE SHOULDERS, TYPE B 360MM ㉘ PROP. AGGREGATE SHOULDERS, TYPE B 280MM ㉙ PROP. PIPE UNDERDRAINS 150MM (SEE NOTE 6) ㉚ PROP. SHOULDER RUMBLE STRIP (SEE NOTE 14) ㉛ PROP. DITCH/SWALE ㉜ PROP. TOPSOIL FURNISH AND PLACE, 150MM / COMPOST FURNISH AND PLACE, 100MM (SEE NOTE 12) ㉝ PROP. SEEDING CLASS 2A / CLASS 4 / SODDING, SALT TOLERANT (SEE NOTE 12) ㉞ PROP. NITROGEN, PHOSPHORUS, AND POTASSIUM FERT. NUTRIENTS WITH SEEDING CLASS 2A / SODDING ONLY (SEE NOTE 12) ㉟ PROP. PORTLAND CEMENT CONCRETE SHOULDERS, 150MM ㊱ PROP. STEEL PLATE BEAM GUARD RAIL, TYPE A ㊲ PROP. STEEL PLATE BEAM GUARD RAIL, TYPE D ㊳ PROP. CONCRETE BARRIER TRANSITION (SEE CONCRETE BARRIER DETAILS) ㊴ PROP. BARRIER SUPPORT STRUCTURE FOR NOISE ABATEMENT WALL ㊵ PROP. CONCRETE BARRIER, SINGLE FACE, 1065 HEIGHT, REINFORCED (SEE CONCRETE BARRIER DETAILS 1065 MM WALL) ㊶ PROP. CONCRETE BARRIER, DOUBLE FACE, 1065 HEIGHT (SEE CONCRETE BARRIER DETAILS 1065 MM WALL) ㊷ PROP. CONCRETE BARRIER BASE ㊸ PROP. NOISE ABATEMENT WALL, STRUCTURE MOUNTED ㊹ PROP. CHAIN LINK FENCE, 1.8 METER |
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- ④⑤ PROPOSED PAVEMENT TO SHOULDER (LONGITUDINAL JOINT)
 *20 TIE BAR (EPOXY COATED)
 600 MM LONG @ 600 MM C-C (NO KEYWAY)
 (INCLUDED IN THE COST OF LEGEND ITEMS 22 AND 26)

④⑥ PROPOSED PAVEMENT TO PAVEMENT (LONGITUDINAL SAWED JOINT)
 SAWED LONGITUDINAL JOINT WITH *20 TIE BAR
 (EPOXY COATED) 750 MM LONG @ 600 MM C-C
 (INCLUDED IN THE COST OF LEGEND ITEMS 18 AND 23)

④⑦ PROPOSED PAVEMENT TO PAVEMENT (LONGITUDINAL CONSTRUCTION JOINT)
 *25 TIE BAR (EPOXY COATED)
 600 MM LONG @ 600 MM (NO KEYWAY)
 (INCLUDED IN THE COST OF LEGEND ITEMS 18 AND 23)

④⑧ PROPOSED SHOULDER TO CONCRETE BARRIER BASE (LONGITUDINAL JOINT)
 SEE CONCRETE BARRIER DETAILS, 1065mm WALL
 (INCLUDED IN THE COST OF LEGEND ITEM 42)

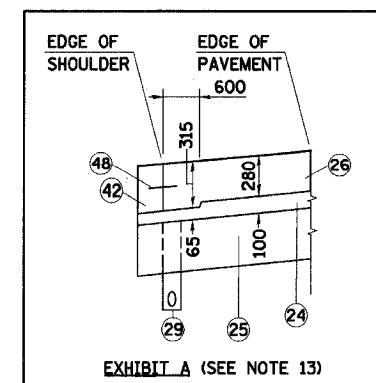
IDOT NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. FOR EXACT LIMITS OF REMOVAL ITEMS SEE EXISTING PLAN SHEETS.
3. FOR OFFSET AND ELEVATIONS FOR PROPOSED GRADING SEE PROPOSED CROSS SECTIONS.
4. SUB-BASE GRANULAR MATERIAL, TYPE B 300MM SHALL CONSIST OF A 75MM CAP AND 225MM BASE.
5. TIE BARS IN PAVEMENT OR BETWEEN PAVEMENT AND OTHER NEW/OR EXISTING PCC APPURTENANCES WILL BE MEASURED IN ACCORDANCE WITH ARTICLE 508.07 OF THE STANDARD SPECIFICATIONS.
6. SEE PIPE UNDERDRAIN AND SUBGRADE DETAILS.
7. THE GEOTECHNICAL FABRIC SHALL BE FOR GROUND STABILIZATION AND THE WIDTH OF IT SHALL BE THE WIDTH OF THE AGGREGATE SUBBASE. SEE ALSO PIPE UNDERDRAIN AND SUBGRADE DETAILS.
8. EXISTING MAINLINE & RAMP PAVEMENT COMPOSITION: 150MM± BITUMINOUS OVERLAY, 275MM± PCC BASE COURSE, OR PREVIOUSLY CONSTRUCTED SHORT TERM PAVEMENT, (FULL-DEPTH) 365MM BITUMINOUS
9. EXISTING PAVED SHOULDER PAVEMENT COMPOSITION: 200MM±.
10. CRC REINFORCEMENT CHART ON STANDARD 421001 SHALL BE MODIFIED AS FOLLOWS:

PAVEMENT WIDTH	A	B	C	D
3.6M	26 SPACES (27 BARS) AT 132MM	90MM	75MM	660MM
4.2M	31 SPACES (32 BARS) AT 130MM	90MM	75MM	660MM
4.9M	35 SPACES (36 BARS) AT 135MM	95MM	85MM	660MM

THE REINFORCEMENT SHALL BE 115MM FROM THE TOP OF PAVEMENT

11. ITEM SHALL MEET REQUIREMENTS FOR EXTENDED LIFE CONCRETE PAVEMENT (30 YEAR).
12. SEE EROSION CONTROL PLANS FOR LOCATIONS.
13. 100MM THICKNESS UNDER RAMP SHOULDER EXCEPT WHERE SHOULDER IS THICKENED PER CONCRETE BARRIER DETAILS 1065 MM WALL. THICKNESS IS 65MM UNDER THICKENED (315MM) SHOULDER (SEE EXHIBIT A).
14. INSTALL ON ALL SHOULDERS EXCEPT CONTINUOUSLY REINFORCED PCC. SEE IDOT HIGHWAY STANDARD 642001. SEE PAVEMENT MARKING PLAN FOR LOCATION AND LIMITS.
15. EXISTING TOPSOIL (UNSUITABLE) REMOVAL: 150MM±



REVISIONS	
NAME	DATE

TS-1

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND

**TYPICAL SECTIONS
 LEGEND & NOTES**

HORIZ SCALE: N.T.S.
 VERT SCALE: N.T.S.
 DATE: JULY 18, 2005

DRAWN BY: BAJ/JYMC
 CHECKED BY: JES

HNTB