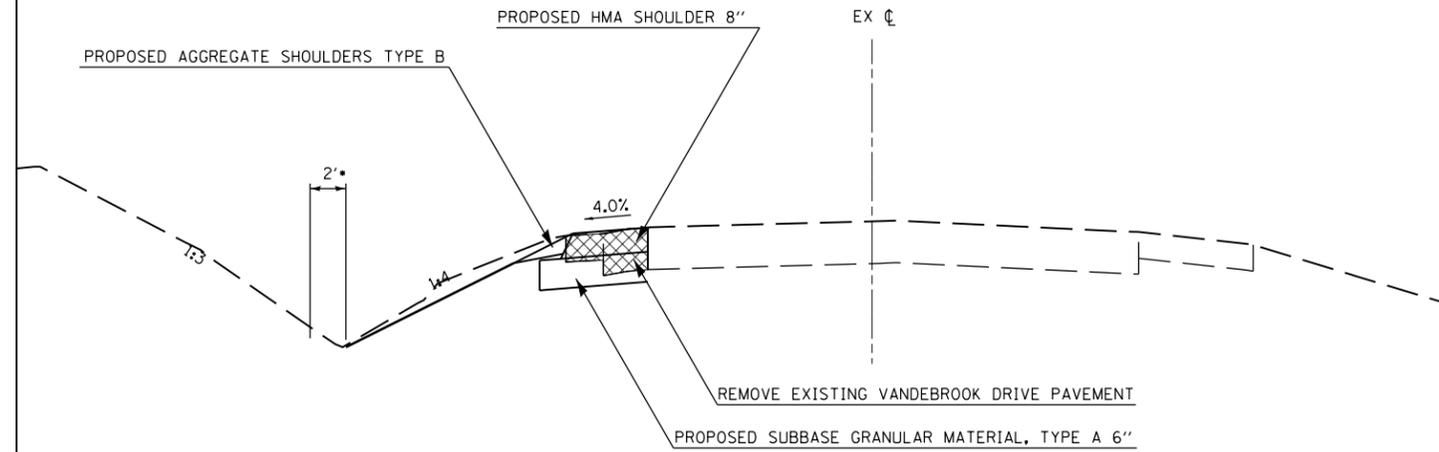


TYPICAL BENCHING FOR EMBANKMENT DETAIL

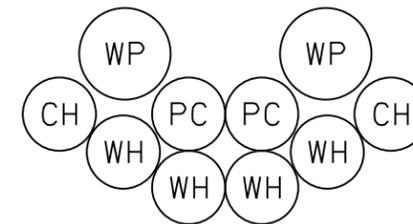
SCALE: NONE

- ① CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
- ② EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03
- ③ BENCH CUT EXISTING FINAL SLOPE TYPICAL FOR EACH STEP.
- ④ TRIM TO FINAL SLOPE.
- ⑤ EQUAL 8-INCH LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
- ⑥ EXCAVATION OF BENCH CUTS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED AS INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION, AND THEIR CONSTRUCTION SHALL BE INCLUDED IN THE PRICES FOR THESE ITEMS.
- ⑦ SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5'.

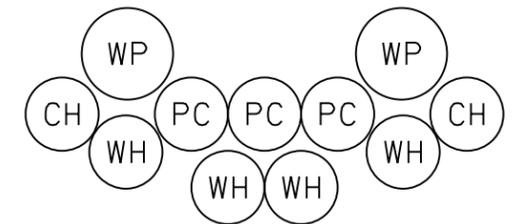


IL ROUTE 3 SHOULDER REPLACEMENT

STA 1957+69.56 TO STA 1958+60.23



2 GROUPINGS



1 GROUPING

WP = EASTERN WHITE PINE
 WH = WINTER KING GREEN HAWTHORN
 CH = THORNLESS COCKSPUR HAWTHORN
 PC = PRAIRIFIRE CRABAPPLE

TREE PLANTING DETAIL

GROUPINGS TO BE PLANTED IN SE CORNER OF IL ROUTE 3 & S. MARKET STREET INTERSECTION

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**HORNER &
 SHIRIN, INC.
 ENGINEERS**

MISCELLANEOUS DETAILS
 BENCHING, IL ROUTE 3 SHOULDER REPLACEMENT,
 & TREE PLANTING

SCALE: NONE SHEET NO. 7 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	109
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				